Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(MWRA Loan Program)
Series 1999 A
Composite
Final Structuring Analysis
Schedule of Payments

Revised Schedule C

Grant Equivalency:	38.39%

Initial Principal Amount:	306,800,000.00

	Schedule of Payments			Subsidy Amounts			Net Payments		
Date	Principal	Interest	Total	Equity Earnings	Commonwealth Subsidies	Total	Principal	Interest	Total
1-Aug-10	12,985,000.00	9,849,893.18	22,834,893.18	1,648,308.88	9,811,965.17	11,460,274.05	11,374,619.13	-	11,374,619.13
1-Feb-11	-	7,380,131.00	7,380,131.00	1,709,578.35	2,124,144.74	3,833,723.09	-	3,546,407.92	3,546,407.92
1-Aug-11	13,950,000.00	9,155,136.54	23,105,136.54	1,706,453.10	9,902,723.02	11,609,176.12	11,495,960.42	-	11,495,960.42
1-Feb-12	-	7,114,358.78	7,114,358.78	1,767,526.51	2,335,048.06	4,102,574.57	-	3,011,784.21	3,011,784.21
1-Aug-12	14,925,000.00	8,833,647.48	23,758,647.48	1,764,227.63	8,611,693.50	10,375,921.13	13,382,726.35	-	13,382,726.35
1-Feb-13	-	6,621,037.99	6,621,037.99	1,713,014.34	1,208,668.92	2,921,683.26	-	3,699,354.73	3,699,354.73
1-Aug-13	16,090,000.00	8,441,093.27	24,531,093.27	2,058,393.58	7,909,221.60	9,967,615.18	14,563,478.09	-	14,563,478.09
1-Feb-14	-	6,333,497.16	6,333,497.16	1,991,432.32	505,299.48	2,496,731.80	-	3,836,765.36	3,836,765.36
1-Aug-14	16,290,000.00	7,762,784.10	24,052,784.10	1,991,432.32	7,908,106.43	9,899,538.75	14,153,245.35	-	14,153,245.35
1-Feb-15	-	6,038,663.39	6,038,663.39	2,064,563.10	416,066.22	2,480,629.32	-	3,558,034.07	3,558,034.07
1-Aug-15	16,935,000.00	7,082,992.87	24,017,992.87	2,064,563.10	6,348,379.61	8,412,942.71	15,605,050.16	-	15,605,050.16
1-Feb-16	-	5,743,015.51	5,743,015.51	2,145,198.54	328,077.75	2,473,276.29	-	3,269,739.22	3,269,739.22
1-Aug-16	17,150,000.00	6,362,065.75	23,512,065.75	2,145,198.54	4,201,176.99	6,346,375.53	16,510,179.55	655,510.68	17,165,690.22
1-Feb-17	-	5,205,598.03	5,205,598.03	2,032,727.34	328,077.75	2,360,805.09	-	2,844,792.94	2,844,792.94
1-Aug-17	17,445,000.00	5,906,773.23	23,351,773.23	2,032,727.34	4,197,383.82	6,230,111.16	16,786,443.82	335,218.25	17,121,662.07
1-Feb-18	-	4,987,111.55	4,987,111.55	1,834,734.98	328,077.75	2,162,812.73	-	2,824,298.82	2,824,298.82
1-Aug-18	18,125,000.00	5,076,759.71	23,201,759.71	1,834,734.98	4,197,684.85	6,032,419.83	17,169,339.88	-	17,169,339.88
1-Feb-19	-	4,972,302.31	4,972,302.31	1,881,811.41	225,150.00	2,106,961.41	-	2,865,340.90	2,865,340.90
1-Aug-19	18,825,000.00	4,218,412.20	23,043,412.20	1,881,811.41	1,737,401.33	3,619,212.74	18,015,533.86	1,408,665.60	19,424,199.46
1-Feb-20	-	4,658,547.27	4,658,547.27	1,667,726.00	-	1,667,726.00	-	2,990,821.27	2,990,821.27
1-Aug-20	19,140,000.00	3,425,049.11	22,565,049.11	1,667,726.00	-	1,667,726.00	19,140,000.00	1,757,323.11	20,897,323.11
1-Feb-21	-	4,046,164.04	4,046,164.04	1,446,180.50	-	1,446,180.50	-	2,599,983.54	2,599,983.54
1-Aug-21	19,890,000.00	2,888,864.08	22,778,864.08	1,446,180.50	-	1,446,180.50	19,890,000.00	1,442,683.58	21,332,683.58
1-Feb-22	-	3,353,448.60	3,353,448.60	1,215,953.75	-	1,215,953.75	-	2,137,494.85	2,137,494.85
1-Aug-22	20,640,000.00	2,389,600.42	23,029,600.42	1,215,953.75	-	1,215,953.75	20,640,000.00	1,173,646.67	21,813,646.67
1-Feb-23	-	2,781,395.10	2,781,395.10	977,045.75	-	977,045.75	-	1,804,349.35	1,804,349.35
1-Aug-23	21,440,000.00	311,730.45	21,751,730.45	977,045.75	481,277.71	1,458,323.46	20,293,406.98	-	20,293,406.98
1-Feb-24	-	3,157,376.50	3,157,376.50	728,877.75	-	728,877.75	-	2,428,498.75	2,428,498.75
1-Aug-24	15,705,000.00	339,153.01	16,044,153.01	728,877.75	276,825.36	1,005,703.11	15,038,449.90	-	15,038,449.90
1-Feb-25	-	1,669,594.34	1,669,594.34	547,092.37	-	547,092.37	-	1,122,501.97	1,122,501.97
1-Aug-25	12,745,000.00	600,487.91	13,345,487.91	547,092.37	-	547,092.37	12,572,504.65	225,890.88	12,798,395.54
1-Feb-26	-	1,001,883.64	1,001,883.64	399,569.00	-	399,569.00	-	602,314.64	602,314.64
1-Aug-26	9,575,000.00	586,728.81	10,161,728.81	399,569.00	-	399,569.00	9,515,260.05	246,899.76	9,762,159.81
1-Feb-27	-	757,204.78	757,204.78	288,738.37	-	288,738.37	-	468,466.41	468,466.41
1-Aug-27	9,910,000.00	-	9,910,000.00	288,738.37	1,107,813.56	1,396,551.93	8,513,448.07	-	8,513,448.07
1-Feb-28	-	456,187.47	456,187.47	174,030.12	-	174,030.12	-	282,157.35	282,157.35
1-Aug-28	10,265,000.00	-	10,265,000.00	174,030.12	1,376,314.95	1,550,345.07	8,714,654.93	-	8,714,654.93
1-Feb-29	-	132,938.15	132,938.15	55,212.75	-	55,212.75	-	77,725.40	77,725.40
1-Aug-29	4,770,000.00	-	4,770,000.00	55,212.75	832,605.52	887,818.27	3,882,181.73	-	3,882,181.73
	306,800,000.00	159,641,627.72	466,441,627.72	51,269,290.49	76,699,184.11	127,968,474.60	287,256,482.91	51,216,670.22	338,473,153.12

Prepared by Public Financial Management, Inc.

Massachusetts Water Pollution Abatement Trust
Series 17A
MWRA Loan Amortization
CW-11-04

Initial Loan Amount	3,300,000.00	Loan Origination Fee ($5.50/1000)	18,150.00
Principal Forgiveness	-	Loan Term (in years)	14
Net Loan Obligation	3,300,000.00	Loan Rate	2.00%
		Closing Date	5/22/2013
		First Interest Payment	7/15/2013
		First Principal Payment	1/15/2014

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/22/2013							
7/15/2013		9,716.67	9,716.67	728.75	18,150.00	28,595.42	
1/15/2014	204,202.00	33,000.00	237,202.00	2,475.00		239,677.00	268,272.42
7/15/2014		30,957.98	30,957.98	2,321.85		33,279.83	
1/15/2015	208,641.00	30,957.98	239,598.98	2,321.85		241,920.83	275,200.66
7/15/2015		28,871.57	28,871.57	2,165.37		31,036.94	
1/15/2016	213,175.00	28,871.57	242,046.57	2,165.37		244,211.94	275,248.88
7/15/2016		26,739.82	26,739.82	2,005.49		28,745.31	
1/15/2017	217,808.00	26,739.82	244,547.82	2,005.49		246,553.31	275,298.61
7/15/2017		24,561.74	24,561.74	1,842.13		26,403.87	
1/15/2018	222,542.00	24,561.74	247,103.74	1,842.13		248,945.87	275,349.74
7/15/2018		22,336.32	22,336.32	1,675.22		24,011.54	
1/15/2019	227,379.00	22,336.32	249,715.32	1,675.22		251,390.54	275,402.09
7/15/2019		20,062.53	20,062.53	1,504.69		21,567.22	
1/15/2020	232,320.00	20,062.53	252,382.53	1,504.69		253,887.22	275,454.44
7/15/2020		17,739.33	17,739.33	1,330.45		19,069.78	
1/15/2021	237,369.00	17,739.33	255,108.33	1,330.45		256,438.78	275,508.56
7/15/2021		15,365.64	15,365.64	1,152.42		16,518.06	
1/15/2022	242,528.00	15,365.64	257,893.64	1,152.42		259,046.06	275,564.13
7/15/2022		12,940.36	12,940.36	970.53		13,910.89	
1/15/2023	247,799.00	12,940.36	260,739.36	970.53		261,709.89	275,620.77
7/15/2023		10,462.37	10,462.37	784.68		11,247.05	
1/15/2024	253,185.00	10,462.37	263,647.37	784.68		264,432.05	275,679.10
7/15/2024		7,930.52	7,930.52	594.79		8,525.31	
1/15/2025	258,688.00	7,930.52	266,618.52	594.79		267,213.31	275,738.62
7/15/2025		5,343.64	5,343.64	400.77		5,744.41	
1/15/2026	264,310.00	5,343.64	269,653.64	400.77		270,054.41	275,798.83
7/15/2026		2,700.54	2,700.54	202.54		2,903.08	
1/15/2027	270,054.00	2,700.54	272,754.54	202.54		272,957.08	275,860.16
7/15/2027							
	3,300,000.00	494,741.39	3,794,741.39	37,105.60	18,150.00	3,849,996.99	3,849,996.99

Prepared by Public Financial Management, Inc.

Massachusetts Water Pollution Abatement Trust
Series 17A
MWRA Loan Amortization
CW-11-05

Initial Loan Amount	13,000,000.00	Loan Origination Fee ($5.50/1000)	71,500.00
Principal Forgiveness	-	Loan Term (in years)	14
Net Loan Obligation	13,000,000.00	Loan Rate	2.00%
		Closing Date	5/22/2013
		First Interest Payment	7/15/2013
		First Principal Payment	1/15/2014

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/22/2013							
7/15/2013		38,277.78	38,277.78	2,870.83	71,500.00	112,648.61	
1/15/2014	804,434.00	130,000.00	934,434.00	9,750.00		944,184.00	1,056,832.61
7/15/2014		121,955.66	121,955.66	9,146.67		131,102.33	
1/15/2015	821,917.00	121,955.66	943,872.66	9,146.67		953,019.33	1,084,121.67
7/15/2015		113,736.49	113,736.49	8,530.24		122,266.73	
1/15/2016	839,780.00	113,736.49	953,516.49	8,530.24		962,046.73	1,084,313.45
7/15/2016		105,338.69	105,338.69	7,900.40		113,239.09	
1/15/2017	858,032.00	105,338.69	963,370.69	7,900.40		971,271.09	1,084,510.18
7/15/2017		96,758.37	96,758.37	7,256.88		104,015.25	
1/15/2018	876,680.00	96,758.37	973,438.37	7,256.88		980,695.25	1,084,710.50
7/15/2018		87,991.57	87,991.57	6,599.37		94,590.94	
1/15/2019	895,733.00	87,991.57	983,724.57	6,599.37		990,323.94	1,084,914.88
7/15/2019		79,034.24	79,034.24	5,927.57		84,961.81	
1/15/2020	915,201.00	79,034.24	994,235.24	5,927.57		1,000,162.81	1,085,124.62
7/15/2020		69,882.23	69,882.23	5,241.17		75,123.40	
1/15/2021	935,092.00	69,882.23	1,004,974.23	5,241.17		1,010,215.40	1,085,338.79
7/15/2021		60,531.31	60,531.31	4,539.85		65,071.16	
1/15/2022	955,415.00	60,531.31	1,015,946.31	4,539.85		1,020,486.16	1,085,557.32
7/15/2022		50,977.16	50,977.16	3,823.29		54,800.45	
1/15/2023	976,179.00	50,977.16	1,027,156.16	3,823.29		1,030,979.45	1,085,779.89
7/15/2023		41,215.37	41,215.37	3,091.15		44,306.52	
1/15/2024	997,395.00	41,215.37	1,038,610.37	3,091.15		1,041,701.52	1,086,008.05
7/15/2024		31,241.42	31,241.42	2,343.11		33,584.53	
1/15/2025	1,019,072.00	31,241.42	1,050,313.42	2,343.11		1,052,656.53	1,086,241.05
7/15/2025		21,050.70	21,050.70	1,578.80		22,629.50	
1/15/2026	1,041,220.00	21,050.70	1,062,270.70	1,578.80		1,063,849.50	1,086,479.01
7/15/2026		10,638.50	10,638.50	797.89		11,436.39	
1/15/2027	1,063,850.00	10,638.50	1,074,488.50	797.89		1,075,286.39	1,086,722.78
7/15/2027							
	13,000,000.00	1,948,981.20	14,948,981.20	146,173.59	71,500.00	15,166,654.79	15,166,654.79

Prepared by Public Financial Management, Inc.

Massachusetts Water Pollution Abatement Trust
Series 17A
MWRA Loan Amortization
CW-11-06

Initial Loan Amount	13,946,638.00	Loan Origination Fee ($5.50/1000)	76,706.51
Principal Forgiveness	-	Loan Term (in years)	30
Net Loan Obligation	13,946,638.00	Loan Rate	2.40%
		Closing Date	5/22/2013
		First Interest Payment	7/15/2013
		First Principal Payment	1/15/2014

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/22/2013							
7/15/2013		49,278.12	49,278.12	3,079.88	76,706.51	129,064.51	
1/15/2014	313,495.00	167,359.66	480,854.66	10,459.98		491,314.63	620,379.15
7/15/2014		163,597.72	163,597.72	10,224.86		173,822.57	
1/15/2015	321,593.00	163,597.72	485,190.72	10,224.86		495,415.57	669,238.15
7/15/2015		159,738.60	159,738.60	9,983.66		169,722.26	
1/15/2016	329,899.00	159,738.60	489,637.60	9,983.66		499,621.26	669,343.53
7/15/2016		155,779.81	155,779.81	9,736.24		165,516.05	
1/15/2017	338,420.00	155,779.81	494,199.81	9,736.24		503,936.05	669,452.10
7/15/2017		151,718.77	151,718.77	9,482.42		161,201.20	
1/15/2018	347,161.00	151,718.77	498,879.77	9,482.42		508,362.20	669,563.39
7/15/2018		147,552.84	147,552.84	9,222.05		156,774.89	
1/15/2019	356,128.00	147,552.84	503,680.84	9,222.05		512,902.89	669,677.79
7/15/2019		143,279.30	143,279.30	8,954.96		152,234.26	
1/15/2020	365,327.00	143,279.30	508,606.30	8,954.96		517,561.26	669,795.52
7/15/2020		138,895.38	138,895.38	8,680.96		147,576.34	
1/15/2021	374,763.00	138,895.38	513,658.38	8,680.96		522,339.34	669,915.68
7/15/2021		134,398.22	134,398.22	8,399.89		142,798.11	
1/15/2022	384,443.00	134,398.22	518,841.22	8,399.89		527,241.11	670,039.23
7/15/2022		129,784.91	129,784.91	8,111.56		137,896.46	
1/15/2023	394,373.00	129,784.91	524,157.91	8,111.56		532,269.46	670,165.93
7/15/2023		125,052.43	125,052.43	7,815.78		132,868.21	
1/15/2024	404,559.00	125,052.43	529,611.43	7,815.78		537,427.21	670,295.42
7/15/2024		120,197.72	120,197.72	7,512.36		127,710.08	
1/15/2025	415,009.00	120,197.72	535,206.72	7,512.36		542,719.08	670,429.16
7/15/2025		115,217.62	115,217.62	7,201.10		122,418.72	
1/15/2026	425,728.00	115,217.62	540,945.62	7,201.10		548,146.72	670,565.43
7/15/2026		110,108.88	110,108.88	6,881.81		116,990.69	
1/15/2027	436,724.00	110,108.88	546,832.88	6,881.81		553,714.69	670,705.37
7/15/2027		104,868.19	104,868.19	6,554.26		111,422.45	
1/15/2028	448,005.00	104,868.19	552,873.19	6,554.26		559,427.45	670,849.91
7/15/2028		99,492.13	99,492.13	6,218.26		105,710.39	
1/15/2029	459,576.00	99,492.13	559,068.13	6,218.26		565,286.39	670,996.78
7/15/2029		93,977.22	93,977.22	5,873.58		99,850.80	
1/15/2030	471,447.00	93,977.22	565,424.22	5,873.58		571,297.80	671,148.59
7/15/2030		88,319.86	88,319.86	5,519.99		93,839.85	
1/15/2031	483,624.00	88,319.86	571,943.86	5,519.99		577,463.85	671,303.69
7/15/2031		82,516.37	82,516.37	5,157.27		87,673.64	
1/15/2032	496,116.00	82,516.37	578,632.37	5,157.27		583,789.64	671,463.28
7/15/2032		76,562.98	76,562.98	4,785.19		81,348.16	
1/15/2033	508,930.00	76,562.98	585,492.98	4,785.19		590,278.16	671,626.32
7/15/2033		70,455.82	70,455.82	4,403.49		74,859.30	
1/15/2034	522,075.00	70,455.82	592,530.82	4,403.49		596,934.30	671,793.61
7/15/2034		64,190.92	64,190.92	4,011.93		68,202.85	
1/15/2035	535,560.00	64,190.92	599,750.92	4,011.93		603,762.85	671,965.70
7/15/2035		57,764.20	57,764.20	3,610.26		61,374.46	
1/15/2036	549,393.00	57,764.20	607,157.20	3,610.26		610,767.46	672,141.92
7/15/2036		51,171.48	51,171.48	3,198.22		54,369.70	
1/15/2037	563,584.00	51,171.48	614,755.48	3,198.22		617,953.70	672,323.40
7/15/2037		44,408.47	44,408.47	2,775.53		47,184.00	
1/15/2038	578,141.00	44,408.47	622,549.47	2,775.53		625,325.00	672,509.00
7/15/2038		37,470.78	37,470.78	2,341.92		39,812.70	
1/15/2039	593,074.00	37,470.78	630,544.78	2,341.92		632,886.70	672,699.41
7/15/2039		30,353.89	30,353.89	1,897.12		32,251.01	
1/15/2040	608,393.00	30,353.89	638,746.89	1,897.12		640,644.01	672,895.02
7/15/2040		23,053.18	23,053.18	1,440.82		24,494.00	
1/15/2041	624,107.00	23,053.18	647,160.18	1,440.82		648,601.00	673,095.00
7/15/2041		15,563.89	15,563.89	972.74		16,536.64	
1/15/2042	640,227.00	15,563.89	655,790.89	972.74		656,763.64	673,300.27
7/15/2042		7,881.17	7,881.17	492.57		8,373.74	
1/15/2043	656,764.00	7,881.17	664,645.17	492.57		665,137.74	673,511.48
	13,946,638.00	5,703,383.26	19,650,021.26	356,461.45	76,706.51	20,083,189.22	20,083,189.22

Prepared by Public Financial Management, Inc.

Massachusetts Water Pollution Abatement Trust
Series 17A
MWRA Loan Amortization
CW-11-07

Initial Loan Amount	1,500,000.00	Loan Origination Fee ($5.50/1000)	8,250.00
Principal Forgiveness	-	Loan Term (in years)	10
Net Loan Obligation	1,500,000.00	Loan Rate	2.00%
		Closing Date	5/22/2013
		First Interest Payment	7/15/2013
		First Principal Payment	1/15/2014

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/22/2013							
7/15/2013		4,416.67	4,416.67	331.25	8,250.00	12,997.92	
1/15/2014	135,908.00	15,000.00	150,908.00	1,125.00		152,033.00	165,030.92
7/15/2014		13,640.92	13,640.92	1,023.07		14,663.99	
1/15/2015	138,861.00	13,640.92	152,501.92	1,023.07		153,524.99	168,188.98
7/15/2015		12,252.31	12,252.31	918.92		13,171.23	
1/15/2016	141,879.00	12,252.31	154,131.31	918.92		155,050.23	168,221.47
7/15/2016		10,833.52	10,833.52	812.51		11,646.03	
1/15/2017	144,963.00	10,833.52	155,796.52	812.51		156,609.03	168,255.07
7/15/2017		9,383.89	9,383.89	703.79		10,087.68	
1/15/2018	148,113.00	9,383.89	157,496.89	703.79		158,200.68	168,288.36
7/15/2018		7,902.76	7,902.76	592.71		8,495.47	
1/15/2019	151,332.00	7,902.76	159,234.76	592.71		159,827.47	168,322.93
7/15/2019		6,389.44	6,389.44	479.21		6,868.65	
1/15/2020	154,622.00	6,389.44	161,011.44	479.21		161,490.65	168,359.30
7/15/2020		4,843.22	4,843.22	363.24		5,206.46	
1/15/2021	157,982.00	4,843.22	162,825.22	363.24		163,188.46	168,394.92
7/15/2021		3,263.40	3,263.40	244.76		3,508.16	
1/15/2022	161,416.00	3,263.40	164,679.40	244.76		164,924.16	168,432.31
7/15/2022		1,649.24	1,649.24	123.69		1,772.93	
1/15/2023	164,924.00	1,649.24	166,573.24	123.69		166,696.93	168,469.87
7/15/2023							
	1,500,000.00	159,734.07	1,659,734.07	11,980.06	8,250.00	1,679,964.12	1,679,964.12

Prepared by Public Financial Management, Inc.

Massachusetts Water Pollution Abatement Trust
Series 17A
MWRA Loan Amortization
CW-11-09

Initial Loan Amount	100,000.00	Loan Origination Fee ($5.50/1000)	550.00
Principal Forgiveness	-	Loan Term (in years)	14
Net Loan Obligation	100,000.00	Loan Rate	2.00%
		Closing Date	5/22/2013
		First Interest Payment	7/15/2013
		First Principal Payment	1/15/2014

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/22/2013							
7/15/2013		294.44	294.44	22.08	550.00	866.53	
1/15/2014	6,188.00	1,000.00	7,188.00	75.00		7,263.00	8,129.53
7/15/2014		938.12	938.12	70.36		1,008.48	
1/15/2015	6,323.00	938.12	7,261.12	70.36		7,331.48	8,339.96
7/15/2015		874.89	874.89	65.62		940.51	
1/15/2016	6,460.00	874.89	7,334.89	65.62		7,400.51	8,341.01
7/15/2016		810.29	810.29	60.77		871.06	
1/15/2017	6,600.00	810.29	7,410.29	60.77		7,471.06	8,342.12
7/15/2017		744.29	744.29	55.82		800.11	
1/15/2018	6,744.00	744.29	7,488.29	55.82		7,544.11	8,344.22
7/15/2018		676.85	676.85	50.76		727.61	
1/15/2019	6,890.00	676.85	7,566.85	50.76		7,617.61	8,345.23
7/15/2019		607.95	607.95	45.60		653.55	
1/15/2020	7,040.00	607.95	7,647.95	45.60		7,693.55	8,347.09
7/15/2020		537.55	537.55	40.32		577.87	
1/15/2021	7,193.00	537.55	7,730.55	40.32		7,770.87	8,348.73
7/15/2021		465.62	465.62	34.92		500.54	
1/15/2022	7,349.00	465.62	7,814.62	34.92		7,849.54	8,350.08
7/15/2022		392.13	392.13	29.41		421.54	
1/15/2023	7,509.00	392.13	7,901.13	29.41		7,930.54	8,352.08
7/15/2023		317.04	317.04	23.78		340.82	
1/15/2024	7,672.00	317.04	7,989.04	23.78		8,012.82	8,353.64
7/15/2024		240.32	240.32	18.02		258.34	
1/15/2025	7,839.00	240.32	8,079.32	18.02		8,097.34	8,355.69
7/15/2025		161.93	161.93	12.14		174.07	
1/15/2026	8,009.00	161.93	8,170.93	12.14		8,183.07	8,357.15
7/15/2026		81.84	81.84	6.14		87.98	
1/15/2027	8,184.00	81.84	8,265.84	6.14		8,271.98	8,359.96
7/15/2027							
	100,000.00	14,992.08	114,992.08	1,124.41	550.00	116,666.49	116,666.49

Prepared by Public Financial Management, Inc.

Massachusetts Water Pollution Abatement Trust
Series 17A
MWRA Loan Amortization
CW-11-10

Initial Loan Amount	100,000.00	Loan Origination Fee ($5.50/1000)	550.00
Principal Forgiveness	-	Loan Term (in years)	14
Net Loan Obligation	100,000.00	Loan Rate	2.00%
		Closing Date	5/22/2013
		First Interest Payment	7/15/2013
		First Principal Payment	1/15/2014

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/22/2013							
7/15/2013		294.44	294.44	22.08	550.00	866.53	
1/15/2014	6,188.00	1,000.00	7,188.00	75.00		7,263.00	8,129.53
7/15/2014		938.12	938.12	70.36		1,008.48	
1/15/2015	6,323.00	938.12	7,261.12	70.36		7,331.48	8,339.96
7/15/2015		874.89	874.89	65.62		940.51	
1/15/2016	6,460.00	874.89	7,334.89	65.62		7,400.51	8,341.01
7/15/2016		810.29	810.29	60.77		871.06	
1/15/2017	6,600.00	810.29	7,410.29	60.77		7,471.06	8,342.12
7/15/2017		744.29	744.29	55.82		800.11	
1/15/2018	6,744.00	744.29	7,488.29	55.82		7,544.11	8,344.22
7/15/2018		676.85	676.85	50.76		727.61	
1/15/2019	6,890.00	676.85	7,566.85	50.76		7,617.61	8,345.23
7/15/2019		607.95	607.95	45.60		653.55	
1/15/2020	7,040.00	607.95	7,647.95	45.60		7,693.55	8,347.09
7/15/2020		537.55	537.55	40.32		577.87	
1/15/2021	7,193.00	537.55	7,730.55	40.32		7,770.87	8,348.73
7/15/2021		465.62	465.62	34.92		500.54	
1/15/2022	7,349.00	465.62	7,814.62	34.92		7,849.54	8,350.08
7/15/2022		392.13	392.13	29.41		421.54	
1/15/2023	7,509.00	392.13	7,901.13	29.41		7,930.54	8,352.08
7/15/2023		317.04	317.04	23.78		340.82	
1/15/2024	7,672.00	317.04	7,989.04	23.78		8,012.82	8,353.64
7/15/2024		240.32	240.32	18.02		258.34	
1/15/2025	7,839.00	240.32	8,079.32	18.02		8,097.34	8,355.69
7/15/2025		161.93	161.93	12.14		174.07	
1/15/2026	8,009.00	161.93	8,170.93	12.14		8,183.07	8,357.15
7/15/2026		81.84	81.84	6.14		87.98	
1/15/2027	8,184.00	81.84	8,265.84	6.14		8,271.98	8,359.96
7/15/2027							
	100,000.00	14,992.08	114,992.08	1,124.41	550.00	116,666.49	116,666.49

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 18
Massachusetts Water Resources Authority Loan Amortization
CW-12-10

Initial Loan Amount	2,000,000.00	Loan Origination Fee ($5.50/1000)	11,000.00
Principal Forgiveness	-	Loan Term (in years)	20
Net Loan Obligation	2,000,000.00	Loan Rate	2.00%
		Closing Date	1/7/2015
		First Interest Payment	7/15/2015
		First Principal Payment	1/15/2016

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
1/7/2015							
7/15/2015		20,888.89	20,888.89	1,566.67	11,000.00	33,455.56	
1/15/2016	80,902.00	20,000.00	100,902.00	1,500.00		102,402.00	135,857.56
7/15/2016		19,190.98	19,190.98	1,439.32		20,630.30	
1/15/2017	82,660.00	19,190.98	101,850.98	1,439.32		103,290.30	123,920.61
7/15/2017		18,364.38	18,364.38	1,377.33		19,741.71	
1/15/2018	84,457.00	18,364.38	102,821.38	1,377.33		104,198.71	123,940.42
7/15/2018		17,519.81	17,519.81	1,313.99		18,833.80	
1/15/2019	86,292.00	17,519.81	103,811.81	1,313.99		105,125.80	123,959.59
7/15/2019		16,656.89	16,656.89	1,249.27		17,906.16	
1/15/2020	88,168.00	16,656.89	104,824.89	1,249.27		106,074.16	123,980.31
7/15/2020		15,775.21	15,775.21	1,183.14		16,958.35	
1/15/2021	90,084.00	15,775.21	105,859.21	1,183.14		107,042.35	124,000.70
7/15/2021		14,874.37	14,874.37	1,115.58		15,989.95	
1/15/2022	92,042.00	14,874.37	106,916.37	1,115.58		108,031.95	124,021.90
7/15/2022		13,953.95	13,953.95	1,046.55		15,000.50	
1/15/2023	94,042.00	13,953.95	107,995.95	1,046.55		109,042.50	124,042.99
7/15/2023		13,013.53	13,013.53	976.01		13,989.54	
1/15/2024	96,086.00	13,013.53	109,099.53	976.01		110,075.54	124,065.09
7/15/2024		12,052.67	12,052.67	903.95		12,956.62	
1/15/2025	98,174.00	12,052.67	110,226.67	903.95		111,130.62	124,087.24
7/15/2025		11,070.93	11,070.93	830.32		11,901.25	
1/15/2026	100,308.00	11,070.93	111,378.93	830.32		112,209.25	124,110.50
7/15/2026		10,067.85	10,067.85	755.09		10,822.94	
1/15/2027	102,488.00	10,067.85	112,555.85	755.09		113,310.94	124,133.88
7/15/2027		9,042.97	9,042.97	678.22		9,721.19	
1/15/2028	104,716.00	9,042.97	113,758.97	678.22		114,437.19	124,158.39
7/15/2028		7,995.81	7,995.81	599.69		8,595.50	
1/15/2029	106,992.00	7,995.81	114,987.81	599.69		115,587.50	124,182.99
7/15/2029		6,925.89	6,925.89	519.44		7,445.33	
1/15/2030	109,317.00	6,925.89	116,242.89	519.44		116,762.33	124,207.66
7/15/2030		5,832.72	5,832.72	437.45		6,270.17	
1/15/2031	111,693.00	5,832.72	117,525.72	437.45		117,963.17	124,233.35
7/15/2031		4,715.79	4,715.79	353.68		5,069.47	
1/15/2032	114,120.00	4,715.79	118,835.79	353.68		119,189.47	124,258.95
7/15/2032		3,574.59	3,574.59	268.09		3,842.68	
1/15/2033	116,600.00	3,574.59	120,174.59	268.09		120,442.68	124,285.37
7/15/2033		2,408.59	2,408.59	180.64		2,589.23	
1/15/2034	119,135.00	2,408.59	121,543.59	180.64		121,724.23	124,313.47
7/15/2034		1,217.24	1,217.24	91.29		1,308.53	
1/15/2035	121,724.00	1,217.24	122,941.24	91.29		123,032.53	124,341.07
7/15/2035							
	2,000,000.00	449,397.23	2,449,397.23	33,704.79	11,000.00	2,494,102.02	2,494,102.02

Notes:

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 18
Massachusetts Water Resources Authority Loan Amortization
CW-12-19

Initial Loan Amount	20,088,607.00	Loan Origination Fee ($5.50/1000)	110,487.34
Principal Forgiveness	-	Loan Term (in years)	30
Net Loan Obligation	20,088,607.00	Loan Rate	2.40%
		Closing Date	1/7/2015
		First Interest Payment	7/15/2015
		First Principal Payment	1/15/2016

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
1/7/2015							
7/15/2015		251,777.21	251,777.21	15,736.08	110,487.34	378,000.62	
1/15/2016	451,556.00	241,063.28	692,619.28	15,066.46		707,685.74	1,085,686.36
7/15/2016		235,644.61	235,644.61	14,727.79		250,372.40	
1/15/2017	463,219.00	235,644.61	698,863.61	14,727.79		713,591.40	963,963.80
7/15/2017		230,085.98	230,085.98	14,380.37		244,466.36	
1/15/2018	475,184.00	230,085.98	705,269.98	14,380.37		719,650.36	964,116.72
7/15/2018		224,383.78	224,383.78	14,023.99		238,407.76	
1/15/2019	487,457.00	224,383.78	711,840.78	14,023.99		725,864.76	964,272.52
7/15/2019		218,534.29	218,534.29	13,658.39		232,192.69	
1/15/2020	500,048.00	218,534.29	718,582.29	13,658.39		732,240.69	964,433.37
7/15/2020		212,533.72	212,533.72	13,283.36		225,817.07	
1/15/2021	512,964.00	212,533.72	725,497.72	13,283.36		738,781.07	964,598.15
7/15/2021		206,378.15	206,378.15	12,898.63		219,276.78	
1/15/2022	526,213.00	206,378.15	732,591.15	12,898.63		745,489.78	964,766.56
7/15/2022		200,063.59	200,063.59	12,503.97		212,567.57	
1/15/2023	539,805.00	200,063.59	739,868.59	12,503.97		752,372.57	964,940.13
7/15/2023		193,585.93	193,585.93	12,099.12		205,685.05	
1/15/2024	553,748.00	193,585.93	747,333.93	12,099.12		759,433.05	965,118.11
7/15/2024		186,940.96	186,940.96	11,683.81		198,624.77	
1/15/2025	568,051.00	186,940.96	754,991.96	11,683.81		766,675.77	965,300.53
7/15/2025		180,124.34	180,124.34	11,257.77		191,382.12	
1/15/2026	582,723.00	180,124.34	762,847.34	11,257.77		774,105.12	965,487.23
7/15/2026		173,131.67	173,131.67	10,820.73		183,952.40	
1/15/2027	597,775.00	173,131.67	770,906.67	10,820.73		781,727.40	965,679.79
7/15/2027		165,958.37	165,958.37	10,372.40		176,330.77	
1/15/2028	613,215.00	165,958.37	779,173.37	10,372.40		789,545.77	965,876.53
7/15/2028		158,599.79	158,599.79	9,912.49		168,512.27	
1/15/2029	629,054.00	158,599.79	787,653.79	9,912.49		797,566.27	966,078.55
7/15/2029		151,051.14	151,051.14	9,440.70		160,491.84	
1/15/2030	645,302.00	151,051.14	796,353.14	9,440.70		805,793.84	966,285.67
7/15/2030		143,307.52	143,307.52	8,956.72		152,264.24	
1/15/2031	661,969.00	143,307.52	805,276.52	8,956.72		814,233.24	966,497.47
7/15/2031		135,363.89	135,363.89	8,460.24		143,824.13	
1/15/2032	679,068.00	135,363.89	814,431.89	8,460.24		822,892.13	966,716.26
7/15/2032		127,215.07	127,215.07	7,950.94		135,166.01	
1/15/2033	696,607.00	127,215.07	823,822.07	7,950.94		831,773.01	966,939.03
7/15/2033		118,855.79	118,855.79	7,428.49		126,284.27	
1/15/2034	714,600.00	118,855.79	833,455.79	7,428.49		840,884.27	967,168.55
7/15/2034		110,280.59	110,280.59	6,892.54		117,173.12	
1/15/2035	733,058.00	110,280.59	843,338.59	6,892.54		850,231.12	967,404.25
7/15/2035		101,483.89	101,483.89	6,342.74		107,826.64	
1/15/2036	751,992.00	101,483.89	853,475.89	6,342.74		859,818.64	967,645.27
7/15/2036		92,459.99	92,459.99	5,778.75		98,238.74	
1/15/2037	771,416.00	92,459.99	863,875.99	5,778.75		869,654.74	967,893.47
7/15/2037		83,203.00	83,203.00	5,200.19		88,403.18	
1/15/2038	791,341.00	83,203.00	874,544.00	5,200.19		879,744.18	968,147.37
7/15/2038		73,706.90	73,706.90	4,606.68		78,313.59	
1/15/2039	811,781.00	73,706.90	885,487.90	4,606.68		890,094.59	968,408.17
7/15/2039		63,965.53	63,965.53	3,997.85		67,963.38	
1/15/2040	832,749.00	63,965.53	896,714.53	3,997.85		900,712.38	968,675.76
7/15/2040		53,972.54	53,972.54	3,373.28		57,345.83	
1/15/2041	854,258.00	53,972.54	908,230.54	3,373.28		911,603.83	968,949.66
7/15/2041		43,721.45	43,721.45	2,732.59		46,454.04	
1/15/2042	876,323.00	43,721.45	920,044.45	2,732.59		922,777.04	969,231.08
7/15/2042		33,205.57	33,205.57	2,075.35		35,280.92	
1/15/2043	898,958.00	33,205.57	932,163.57	2,075.35		934,238.92	969,519.84
7/15/2043		22,418.08	22,418.08	1,401.13		23,819.21	
1/15/2044	922,177.00	22,418.08	944,595.08	1,401.13		945,996.21	969,815.41
7/15/2044		11,351.95	11,351.95	709.50		12,061.45	
1/15/2045	945,996.00	11,351.95	957,347.95	709.50		958,057.45	970,118.90
	20,088,607.00	8,395,896.64	28,484,503.64	524,743.54	110,487.34	29,119,734.51	29,119,734.51

Notes:

Massachusetts Water Pollution Abatement Trust
Pool 16-2014 Swap
Massachusetts Water Resources Authority
CW-12-19-A

Original Loan Amount	-	Loan Origination Fee ($7.5/1000)	0.00
Principal Paid Down	-	Loan Term (in years)	28
Outstanding Loan Obligation	2,379,743.00	Loan Rate	2.37%
Remaining Balance	-	Closing Date	5/30/2014
Net New Loan Obligation	2,379,743.00	First Payment	7/15/2014

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/30/2014							
7/15/2014	63,189.84	7,049.99	70,239.83	1,784.81		72,024.64	
1/15/2015		27,451.16	27,451.16	1,737.41		29,188.57	101,213.21
7/15/2015	64,802.55	27,451.16	92,253.70	1,737.41		93,991.12	
1/15/2016		26,683.25	26,683.25	1,688.81		28,372.06	122,363.18
7/15/2016	66,456.41	26,683.25	93,139.66	1,688.81		94,828.47	
1/15/2017		25,895.74	25,895.74	1,638.97		27,534.71	122,363.18
7/15/2017	68,152.48	25,895.74	94,048.22	1,638.97		95,687.19	
1/15/2018		25,088.13	25,088.13	1,587.86		26,675.99	122,363.18
7/15/2018	69,891.84	25,088.13	94,979.97	1,587.86		96,567.83	
1/15/2019		24,259.91	24,259.91	1,535.44		25,795.35	122,363.18
7/15/2019	71,675.59	24,259.91	95,935.50	1,535.44		97,470.94	
1/15/2020		23,410.56	23,410.56	1,481.68		24,892.24	122,363.18
7/15/2020	73,504.86	23,410.56	96,915.42	1,481.68		98,397.10	
1/15/2021		22,539.52	22,539.52	1,426.55		23,966.08	122,363.18
7/15/2021	75,380.82	22,539.52	97,920.35	1,426.55		99,346.90	
1/15/2022		21,646.26	21,646.26	1,370.02		23,016.28	122,363.18
7/15/2022	77,304.66	21,646.26	98,950.92	1,370.02		100,320.94	
1/15/2023		20,730.20	20,730.20	1,312.04		22,042.24	122,363.18
7/15/2023	79,277.60	20,730.20	100,007.80	1,312.04		101,319.84	
1/15/2024		19,790.76	19,790.76	1,252.58		21,043.34	122,363.18
7/15/2024	81,300.88	19,790.76	101,091.65	1,252.58		102,344.23	
1/15/2025		18,827.35	18,827.35	1,191.60		20,018.95	122,363.18
7/15/2025	83,375.81	18,827.35	102,203.16	1,191.60		103,394.76	
1/15/2026		17,839.34	17,839.34	1,129.07		18,968.42	122,363.18
7/15/2026	85,503.69	17,839.34	103,343.04	1,129.07		104,472.11	
1/15/2027		16,826.12	16,826.12	1,064.94		17,891.07	122,363.18
7/15/2027	87,685.88	16,826.12	104,512.01	1,064.94		105,576.95	
1/15/2028		15,787.05	15,787.05	999.18		16,786.23	122,363.18
7/15/2028	89,923.76	15,787.05	105,710.81	999.18		106,709.99	
1/15/2029		14,721.45	14,721.45	931.74		15,653.19	122,363.18
7/15/2029	92,218.76	14,721.45	106,940.21	931.74		107,871.95	
1/15/2030		13,628.66	13,628.66	862.57		14,491.23	122,363.18
7/15/2030	94,572.33	13,628.66	108,200.98	862.57		109,063.56	
1/15/2031		12,507.98	12,507.98	791.64		13,299.62	122,363.18
7/15/2031	96,985.96	12,507.98	109,493.94	791.64		110,285.58	
1/15/2032		11,358.69	11,358.69	718.90		12,077.60	122,363.18
7/15/2032	99,461.19	11,358.69	110,819.89	718.90		111,538.79	
1/15/2033		10,180.08	10,180.08	644.31		10,824.39	122,363.18
7/15/2033	101,999.60	10,180.08	112,179.68	644.31		112,823.99	
1/15/2034		8,971.38	8,971.38	567.81		9,539.19	122,363.18
7/15/2034	104,602.79	8,971.38	113,574.17	567.81		114,141.98	
1/15/2035		7,731.84	7,731.84	489.36		8,221.20	122,363.18
7/15/2035	107,272.42	7,731.84	115,004.26	489.36		115,493.61	
1/15/2036		6,460.66	6,460.66	408.90		6,869.56	122,363.18
7/15/2036	108,465.81	6,460.66	114,926.47	408.90		115,335.37	
1/15/2037		5,175.34	5,175.34	327.55		5,502.89	120,838.26
7/15/2037	111,234.02	5,175.34	116,409.37	327.55		116,736.92	
1/15/2038		3,857.22	3,857.22	244.13		4,101.35	120,838.26
7/15/2038	114,072.89	3,857.22	117,930.11	244.13		118,174.24	
1/15/2039		2,505.45	2,505.45	158.57		2,664.03	120,838.26
7/15/2039	50,876.65	2,505.45	53,382.10	158.57		53,540.68	
1/15/2040		1,902.57	1,902.57	120.42		2,022.98	55,563.66
7/15/2040	52,175.10	1,902.57	54,077.67	120.42		54,198.08	
1/15/2041		1,284.29	1,284.29	81.28		1,365.57	55,563.66
7/15/2041	53,506.69	1,284.29	54,790.98	81.28		54,872.27	
1/15/2042		650.24	650.24	41.15		691.39	55,563.66
7/15/2042	54,872.27	650.24	55,522.50	41.15		55,563.66	
1/15/2043							55,563.66
7/15/2043							
	2,379,743.00	822,472.38	3,202,215.54	53,393.82		3,255,609.36	3,255,609.36

Massachusetts Water Pollution Abatement Trust
Pool 16-2014 Swap
Massachusetts Water Resources Authority
CW-12-19-B

Original Loan Amount	-	Loan Origination Fee ($7.5/1000)	0.00
Principal Paid Down	-	Loan Term (in years)	18
Outstanding Loan Obligation	1,152,147.00	Loan Rate	2.00%
Remaining Balance	-	Closing Date	5/30/2014
Net New Loan Obligation	1,152,147.00	First Payment	7/15/2014

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/30/2014							
7/15/2014	49,625.85	2,880.37	52,506.22	864.11		53,370.33	
1/15/2015		11,025.22	11,025.22	826.89		11,852.11	65,222.44
7/15/2015	50,704.40	11,025.22	61,729.62	826.89		62,556.51	
1/15/2016		10,518.17	10,518.17	788.86		11,307.04	73,863.55
7/15/2016	51,806.39	10,518.17	62,324.57	788.86		63,113.43	
1/15/2017		10,000.11	10,000.11	750.01		10,750.12	73,863.55
7/15/2017	52,932.34	10,000.11	62,932.45	750.01		63,682.45	
1/15/2018		9,470.79	9,470.79	710.31		10,181.10	73,863.55
7/15/2018	54,082.75	9,470.79	63,553.53	710.31		64,263.84	
1/15/2019		8,929.96	8,929.96	669.75		9,599.71	73,863.55
7/15/2019	55,258.16	8,929.96	64,188.12	669.75		64,857.87	
1/15/2020		8,377.38	8,377.38	628.30		9,005.68	73,863.55
7/15/2020	56,459.12	8,377.38	64,836.50	628.30		65,464.80	
1/15/2021		7,812.79	7,812.79	585.96		8,398.75	73,863.55
7/15/2021	57,686.19	7,812.79	65,498.97	585.96		66,084.93	
1/15/2022		7,235.92	7,235.92	542.69		7,778.62	73,863.55
7/15/2022	58,939.92	7,235.92	66,175.84	542.69		66,718.53	
1/15/2023		6,646.53	6,646.53	498.49		7,145.01	73,863.55
7/15/2023	60,220.89	6,646.53	66,867.42	498.49		67,365.91	
1/15/2024		6,044.32	6,044.32	453.32		6,497.64	73,863.55
7/15/2024	61,529.71	6,044.32	67,574.03	453.32		68,027.35	
1/15/2025		5,429.02	5,429.02	407.18		5,836.20	73,863.55
7/15/2025	62,866.98	5,429.02	68,296.00	407.18		68,703.17	
1/15/2026		4,800.35	4,800.35	360.03		5,160.38	73,863.55
7/15/2026	64,233.31	4,800.35	69,033.66	360.03		69,393.68	
1/15/2027		4,158.02	4,158.02	311.85		4,469.87	73,863.55
7/15/2027	65,629.33	4,158.02	69,787.35	311.85		70,099.20	
1/15/2028		3,501.72	3,501.72	262.63		3,764.35	73,863.55
7/15/2028	67,055.69	3,501.72	70,557.42	262.63		70,820.05	
1/15/2029		2,831.17	2,831.17	212.34		3,043.50	73,863.55
7/15/2029	68,513.06	2,831.17	71,344.22	212.34		71,556.56	
1/15/2030		2,146.04	2,146.04	160.95		2,306.99	73,863.55
7/15/2030	70,002.10	2,146.04	72,148.13	160.95		72,309.08	
1/15/2031		1,446.01	1,446.01	108.45		1,554.47	73,863.55
7/15/2031	71,523.50	1,446.01	72,969.51	108.45		73,077.96	
1/15/2032		730.78	730.78	54.81		785.59	73,863.55
7/15/2032	73,077.96	730.78	73,808.74	54.81		73,863.55	
1/15/2033							73,863.55
	1,152,147.00	225,088.93	1,377,236.58	17,529.75		1,394,766.33	1,394,766.33

Massachusetts Water Pollution Abatement Trust
Pool 16-2014 Swap
Massachusetts Water Resources Authority
CW-12-19-C

Original Loan Amount	-	Loan Origination Fee ($7.5/1000)	0.00
Principal Paid Down	-	Loan Term (in years)	18
Outstanding Loan Obligation	1,162,704.00	Loan Rate	2.00%
Remaining Balance	-	Closing Date	5/30/2014
Net New Loan Obligation	1,162,704.00	First Payment	7/15/2014

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/30/2014							
7/15/2014	50,080.56	2,906.76	52,987.32	872.03		53,859.35	
1/15/2015		11,126.24	11,126.24	834.47		11,960.71	65,820.06
7/15/2015	51,168.99	11,126.24	62,295.23	834.47		63,129.70	
1/15/2016		10,614.55	10,614.55	796.09		11,410.64	74,540.34
7/15/2016	52,281.08	10,614.55	62,895.63	796.09		63,691.72	
1/15/2017		10,091.74	10,091.74	756.88		10,848.62	74,540.34
7/15/2017	53,417.34	10,091.74	63,509.08	756.88		64,265.96	
1/15/2018		9,557.56	9,557.56	716.82		10,274.38	74,540.34
7/15/2018	54,578.29	9,557.56	64,135.86	716.82		64,852.67	
1/15/2019		9,011.78	9,011.78	675.88		9,687.67	74,540.34
7/15/2019	55,764.48	9,011.78	64,776.26	675.88		65,452.14	
1/15/2020		8,454.14	8,454.14	634.06		9,088.20	74,540.34
7/15/2020	56,976.44	8,454.14	65,430.58	634.06		66,064.64	
1/15/2021		7,884.37	7,884.37	591.33		8,475.70	74,540.34
7/15/2021	58,214.75	7,884.37	66,099.12	591.33		66,690.45	
1/15/2022		7,302.23	7,302.23	547.67		7,849.89	74,540.34
7/15/2022	59,479.96	7,302.23	66,782.19	547.67		67,329.86	
1/15/2023		6,707.43	6,707.43	503.06		7,210.48	74,540.34
7/15/2023	60,772.68	6,707.43	67,480.11	503.06		67,983.16	
1/15/2024		6,099.70	6,099.70	457.48		6,557.18	74,540.34
7/15/2024	62,093.49	6,099.70	68,193.19	457.48		68,650.67	
1/15/2025		5,478.76	5,478.76	410.91		5,889.67	74,540.34
7/15/2025	63,443.01	5,478.76	68,921.77	410.91		69,332.68	
1/15/2026		4,844.33	4,844.33	363.33		5,207.66	74,540.34
7/15/2026	64,821.86	4,844.33	69,666.19	363.33		70,029.52	
1/15/2027		4,196.11	4,196.11	314.71		4,510.82	74,540.34
7/15/2027	66,230.67	4,196.11	70,426.79	314.71		70,741.50	
1/15/2028		3,533.81	3,533.81	265.04		3,798.84	74,540.34
7/15/2028	67,670.10	3,533.81	71,203.91	265.04		71,468.95	
1/15/2029		2,857.11	2,857.11	214.28		3,071.39	74,540.34
7/15/2029	69,140.82	2,857.11	71,997.93	214.28		72,212.21	
1/15/2030		2,165.70	2,165.70	162.43		2,328.13	74,540.34
7/15/2030	70,643.50	2,165.70	72,809.20	162.43		72,971.63	
1/15/2031		1,459.26	1,459.26	109.44		1,568.71	74,540.34
7/15/2031	72,178.84	1,459.26	73,638.11	109.44		73,747.55	
1/15/2032		737.48	737.48	55.31		792.79	74,540.34
7/15/2032	73,747.55	737.48	74,485.03	55.31		74,540.34	
1/15/2033							74,540.34
	1,162,704.00	227,151.35	1,389,855.78	17,690.37		1,407,546.16	1,407,546.16

Massachusetts Water Pollution Abatement Trust
Pool 16-2014 Swap
Massachusetts Water Resources Authority
CW-12-19-D

Original Loan Amount	-	Loan Origination Fee ($7.5/1000)	0.00
Principal Paid Down	-	Loan Term (in years)	28
Outstanding Loan Obligation	216,799.00	Loan Rate	2.37%
Remaining Balance	-	Closing Date	5/30/2014
Net New Loan Obligation	216,799.00	First Payment	7/15/2014

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/30/2014							
7/15/2014	5,138.32	642.27	5,780.59	162.60		5,943.19	
1/15/2015		2,508.18	2,508.18	158.75		2,666.93	8,610.11
7/15/2015	5,269.46	2,508.18	7,777.64	158.75		7,936.38	
1/15/2016		2,445.74	2,445.74	154.79		2,600.53	10,536.92
7/15/2016	5,403.94	2,445.74	7,849.68	154.79		8,004.47	
1/15/2017		2,381.70	2,381.70	150.74		2,532.44	10,536.92
7/15/2017	5,541.86	2,381.70	7,923.56	150.74		8,074.30	
1/15/2018		2,316.03	2,316.03	146.58		2,462.61	10,536.92
7/15/2018	5,683.30	2,316.03	7,999.33	146.58		8,145.91	
1/15/2019		2,248.68	2,248.68	142.32		2,391.00	10,536.92
7/15/2019	5,828.34	2,248.68	8,077.03	142.32		8,219.35	
1/15/2020		2,179.62	2,179.62	137.95		2,317.57	10,536.92
7/15/2020	5,977.09	2,179.62	8,156.71	137.95		8,294.66	
1/15/2021		2,108.79	2,108.79	133.47		2,242.26	10,536.92
7/15/2021	6,129.64	2,108.79	8,238.43	133.47		8,371.89	
1/15/2022		2,036.15	2,036.15	128.87		2,165.02	10,536.92
7/15/2022	6,286.08	2,036.15	8,322.23	128.87		8,451.10	
1/15/2023		1,961.66	1,961.66	124.16		2,085.82	10,536.92
7/15/2023	6,446.51	1,961.66	8,408.17	124.16		8,532.32	
1/15/2024		1,885.27	1,885.27	119.32		2,004.59	10,536.92
7/15/2024	6,611.03	1,885.27	8,496.30	119.32		8,615.62	
1/15/2025		1,806.93	1,806.93	114.36		1,921.29	10,536.92
7/15/2025	6,779.75	1,806.93	8,586.69	114.36		8,701.05	
1/15/2026		1,726.59	1,726.59	109.28		1,835.87	10,536.92
7/15/2026	6,952.78	1,726.59	8,679.38	109.28		8,788.65	
1/15/2027		1,644.20	1,644.20	104.06		1,748.26	10,536.92
7/15/2027	7,130.23	1,644.20	8,774.43	104.06		8,878.49	
1/15/2028		1,559.71	1,559.71	98.72		1,658.42	10,536.92
7/15/2028	7,312.21	1,559.71	8,871.91	98.72		8,970.63	
1/15/2029		1,473.06	1,473.06	93.23		1,566.29	10,536.92
7/15/2029	7,498.82	1,473.06	8,971.88	93.23		9,065.11	
1/15/2030		1,384.20	1,384.20	87.61		1,471.80	10,536.92
7/15/2030	7,690.21	1,384.20	9,074.40	87.61		9,162.01	
1/15/2031		1,293.07	1,293.07	81.84		1,374.91	10,536.92
7/15/2031	7,886.47	1,293.07	9,179.54	81.84		9,261.38	
1/15/2032		1,199.61	1,199.61	75.92		1,275.54	10,536.92
7/15/2032	8,087.75	1,199.61	9,287.36	75.92		9,363.28	
1/15/2033		1,103.77	1,103.77	69.86		1,173.63	10,536.92
7/15/2033	8,294.16	1,103.77	9,397.93	69.86		9,467.79	
1/15/2034		1,005.49	1,005.49	63.64		1,069.12	10,536.92
7/15/2034	8,505.84	1,005.49	9,511.33	63.64		9,574.96	
1/15/2035		904.69	904.69	57.26		961.95	10,536.92
7/15/2035	8,722.92	904.69	9,627.61	57.26		9,684.87	
1/15/2036		801.33	801.33	50.72		852.04	10,536.92
7/15/2036	8,945.54	801.33	9,746.87	50.72		9,797.59	
1/15/2037		695.32	695.32	44.01		739.33	10,536.92
7/15/2037	9,173.85	695.32	9,869.17	44.01		9,913.18	
1/15/2038		586.61	586.61	37.13		623.74	10,536.92
7/15/2038	9,407.98	586.61	9,994.59	37.13		10,031.72	
1/15/2039		475.13	475.13	30.07		505.20	10,536.92
7/15/2039	9,648.09	475.13	10,123.21	30.07		10,153.28	
1/15/2040		360.80	360.80	22.84		383.63	10,536.92
7/15/2040	9,894.32	360.80	10,255.12	22.84		10,277.95	
1/15/2041		243.55	243.55	15.41		258.96	10,536.92
7/15/2041	10,146.84	243.55	10,390.39	15.41		10,405.80	
1/15/2042		123.31	123.31	7.80		131.11	10,536.92
7/15/2042	10,405.80	123.31	10,529.11	7.80		10,536.92	
1/15/2043							10,536.92
7/15/2043							
	216,799.00	81,560.61	298,359.75	5,284.01		303,643.76	303,643.76

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 18
Massachusetts Water Resources Authority Loan Amortization
CW-12-24

Initial Loan Amount	1,977,802.00	Loan Origination Fee ($5.50/1000)	10,877.91
Principal Forgiveness	-	Loan Term (in years)	15
Net Loan Obligation	1,977,802.00	Loan Rate	2.00%
		Closing Date	1/7/2015
		First Interest Payment	7/15/2015
		First Principal Payment	1/15/2016

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
1/7/2015							
7/15/2015		20,657.04	20,657.04	1,549.28	10,877.91	33,084.23	
1/15/2016	112,942.00	19,778.02	132,720.02	1,483.35		134,203.37	167,287.60
7/15/2016		18,648.60	18,648.60	1,398.65		20,047.25	
1/15/2017	115,397.00	18,648.60	134,045.60	1,398.65		135,444.25	155,491.49
7/15/2017		17,494.63	17,494.63	1,312.10		18,806.73	
1/15/2018	117,905.00	17,494.63	135,399.63	1,312.10		136,711.73	155,518.45
7/15/2018		16,315.58	16,315.58	1,223.67		17,539.25	
1/15/2019	120,467.00	16,315.58	136,782.58	1,223.67		138,006.25	155,545.50
7/15/2019		15,110.91	15,110.91	1,133.32		16,244.23	
1/15/2020	123,085.00	15,110.91	138,195.91	1,133.32		139,329.23	155,573.46
7/15/2020		13,880.06	13,880.06	1,041.00		14,921.06	
1/15/2021	125,760.00	13,880.06	139,640.06	1,041.00		140,681.06	155,602.13
7/15/2021		12,622.46	12,622.46	946.68		13,569.14	
1/15/2022	128,494.00	12,622.46	141,116.46	946.68		142,063.14	155,632.29
7/15/2022		11,337.52	11,337.52	850.31		12,187.83	
1/15/2023	131,286.00	11,337.52	142,623.52	850.31		143,473.83	155,661.67
7/15/2023		10,024.66	10,024.66	751.85		10,776.51	
1/15/2024	134,139.00	10,024.66	144,163.66	751.85		144,915.51	155,692.02
7/15/2024		8,683.27	8,683.27	651.25		9,334.52	
1/15/2025	137,055.00	8,683.27	145,738.27	651.25		146,389.52	155,724.03
7/15/2025		7,312.72	7,312.72	548.45		7,861.17	
1/15/2026	140,034.00	7,312.72	147,346.72	548.45		147,895.17	155,756.35
7/15/2026		5,912.38	5,912.38	443.43		6,355.81	
1/15/2027	143,077.00	5,912.38	148,989.38	443.43		149,432.81	155,788.62
7/15/2027		4,481.61	4,481.61	336.12		4,817.73	
1/15/2028	146,187.00	4,481.61	150,668.61	336.12		151,004.73	155,822.46
7/15/2028		3,019.74	3,019.74	226.48		3,246.22	
1/15/2029	149,364.00	3,019.74	152,383.74	226.48		152,610.22	155,856.44
7/15/2029		1,526.10	1,526.10	114.46		1,640.56	
1/15/2030	152,610.00	1,526.10	154,136.10	114.46		154,250.56	155,891.12
7/15/2030							
	1,977,802.00	333,175.54	2,310,977.54	24,988.17	10,877.91	2,346,843.62	2,346,843.62

Notes:

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 18
Massachusetts Water Resources Authority Loan Amortization
CW-12-25

Initial Loan Amount	2,912,188.00	Loan Origination Fee ($5.50/1000)	16,017.03
Principal Forgiveness	-	Loan Term (in years)	15
Net Loan Obligation	2,912,188.00	Loan Rate	2.00%
		Closing Date	1/7/2015
		First Interest Payment	7/15/2015
		First Principal Payment	1/15/2016

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
1/7/2015							
7/15/2015		30,416.19	30,416.19	2,281.21	16,017.03	48,714.43	
1/15/2016	166,300.00	29,121.88	195,421.88	2,184.14		197,606.02	246,320.45
7/15/2016		27,458.88	27,458.88	2,059.42		29,518.30	
1/15/2017	169,914.00	27,458.88	197,372.88	2,059.42		199,432.30	228,950.59
7/15/2017		25,759.74	25,759.74	1,931.98		27,691.72	
1/15/2018	173,607.00	25,759.74	199,366.74	1,931.98		201,298.72	228,990.44
7/15/2018		24,023.67	24,023.67	1,801.78		25,825.45	
1/15/2019	177,380.00	24,023.67	201,403.67	1,801.78		203,205.45	229,030.89
7/15/2019		22,249.87	22,249.87	1,668.74		23,918.61	
1/15/2020	181,235.00	22,249.87	203,484.87	1,668.74		205,153.61	229,072.22
7/15/2020		20,437.52	20,437.52	1,532.81		21,970.33	
1/15/2021	185,174.00	20,437.52	205,611.52	1,532.81		207,144.33	229,114.67
7/15/2021		18,585.78	18,585.78	1,393.93		19,979.71	
1/15/2022	189,199.00	18,585.78	207,784.78	1,393.93		209,178.71	229,158.43
7/15/2022		16,693.79	16,693.79	1,252.03		17,945.82	
1/15/2023	193,311.00	16,693.79	210,004.79	1,252.03		211,256.82	229,202.65
7/15/2023		14,760.68	14,760.68	1,107.05		15,867.73	
1/15/2024	197,512.00	14,760.68	212,272.68	1,107.05		213,379.73	229,247.46
7/15/2024		12,785.56	12,785.56	958.92		13,744.48	
1/15/2025	201,805.00	12,785.56	214,590.56	958.92		215,549.48	229,293.95
7/15/2025		10,767.51	10,767.51	807.56		11,575.07	
1/15/2026	206,191.00	10,767.51	216,958.51	807.56		217,766.07	229,341.15
7/15/2026		8,705.60	8,705.60	652.92		9,358.52	
1/15/2027	210,672.00	8,705.60	219,377.60	652.92		220,030.52	229,389.04
7/15/2027		6,598.88	6,598.88	494.92		7,093.80	
1/15/2028	215,250.00	6,598.88	221,848.88	494.92		222,343.80	229,437.59
7/15/2028		4,446.38	4,446.38	333.48		4,779.86	
1/15/2029	219,929.00	4,446.38	224,375.38	333.48		224,708.86	229,488.72
7/15/2029		2,247.09	2,247.09	168.53		2,415.62	
1/15/2030	224,709.00	2,247.09	226,956.09	168.53		227,124.62	229,540.24
7/15/2030							
	2,912,188.00	490,579.97	3,402,767.97	36,793.50	16,017.03	3,455,578.50	3,455,578.50

Notes:

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 18
Massachusetts Water Resources Authority Loan Amortization
CW-12-26

Initial Loan Amount	5,113,812.00	Loan Origination Fee ($5.50/1000)	28,125.97
Principal Forgiveness	-	Loan Term (in years)	15
Net Loan Obligation	5,113,812.00	Loan Rate	2.00%
		Closing Date	1/7/2015
		First Interest Payment	7/15/2015
		First Principal Payment	1/15/2016

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
1/7/2015							
7/15/2015		53,410.93	53,410.93	4,005.82	28,125.97	85,542.71	
1/15/2016	292,023.00	51,138.12	343,161.12	3,835.36		346,996.48	432,539.19
7/15/2016		48,217.89	48,217.89	3,616.34		51,834.23	
1/15/2017	298,370.00	48,217.89	346,587.89	3,616.34		350,204.23	402,038.46
7/15/2017		45,234.19	45,234.19	3,392.56		48,626.75	
1/15/2018	304,855.00	45,234.19	350,089.19	3,392.56		353,481.75	402,108.51
7/15/2018		42,185.64	42,185.64	3,163.92		45,349.56	
1/15/2019	311,480.00	42,185.64	353,665.64	3,163.92		356,829.56	402,179.13
7/15/2019		39,070.84	39,070.84	2,930.31		42,001.15	
1/15/2020	318,250.00	39,070.84	357,320.84	2,930.31		360,251.15	402,252.31
7/15/2020		35,888.34	35,888.34	2,691.63		38,579.97	
1/15/2021	325,166.00	35,888.34	361,054.34	2,691.63		363,745.97	402,325.93
7/15/2021		32,636.68	32,636.68	2,447.75		35,084.43	
1/15/2022	332,234.00	32,636.68	364,870.68	2,447.75		367,318.43	402,402.86
7/15/2022		29,314.34	29,314.34	2,198.58		31,512.92	
1/15/2023	339,454.00	29,314.34	368,768.34	2,198.58		370,966.92	402,479.83
7/15/2023		25,919.80	25,919.80	1,943.99		27,863.79	
1/15/2024	346,832.00	25,919.80	372,751.80	1,943.99		374,695.79	402,559.57
7/15/2024		22,451.48	22,451.48	1,683.86		24,135.34	
1/15/2025	354,370.00	22,451.48	376,821.48	1,683.86		378,505.34	402,640.68
7/15/2025		18,907.78	18,907.78	1,418.08		20,325.86	
1/15/2026	362,071.00	18,907.78	380,978.78	1,418.08		382,396.86	402,722.73
7/15/2026		15,287.07	15,287.07	1,146.53		16,433.60	
1/15/2027	369,941.00	15,287.07	385,228.07	1,146.53		386,374.60	402,808.20
7/15/2027		11,587.66	11,587.66	869.07		12,456.73	
1/15/2028	377,981.00	11,587.66	389,568.66	869.07		390,437.73	402,894.47
7/15/2028		7,807.85	7,807.85	585.59		8,393.44	
1/15/2029	386,196.00	7,807.85	394,003.85	585.59		394,589.44	402,982.88
7/15/2029		3,945.89	3,945.89	295.94		4,241.83	
1/15/2030	394,589.00	3,945.89	398,534.89	295.94		398,830.83	403,072.66
7/15/2030							
	5,113,812.00	861,459.95	5,975,271.95	64,609.50	28,125.97	6,068,007.41	6,068,007.41

Notes:

Prepared by Public Financial Management, Inc

Massachusetts Water Pollution Abatement Trust
Series 17A
MWRA Loan Amortization
DW-11-02

Initial Loan Amount	2,850,000.00	Loan Origination Fee ($5.50/1000)	15,675.00
Principal Forgiveness	-	Loan Term (in years)	20
Net Loan Obligation	2,850,000.00	Loan Rate	2.00%
		Closing Date	5/22/2013
		First Interest Payment	7/15/2013
		First Principal Payment	1/15/2014

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/22/2013							
7/15/2013		8,391.67	8,391.67	629.38	15,675.00	24,696.04	
1/15/2014	115,285.00	28,500.00	143,785.00	2,137.50		145,922.50	170,618.54
7/15/2014		27,347.15	27,347.15	2,051.04		29,398.19	
1/15/2015	117,791.00	27,347.15	145,138.15	2,051.04		147,189.19	176,587.37
7/15/2015		26,169.24	26,169.24	1,962.69		28,131.93	
1/15/2016	120,351.00	26,169.24	146,520.24	1,962.69		148,482.93	176,614.87
7/15/2016		24,965.73	24,965.73	1,872.43		26,838.16	
1/15/2017	122,967.00	24,965.73	147,932.73	1,872.43		149,805.16	176,643.32
7/15/2017		23,736.06	23,736.06	1,780.20		25,516.26	
1/15/2018	125,639.00	23,736.06	149,375.06	1,780.20		151,155.26	176,671.53
7/15/2018		22,479.67	22,479.67	1,685.98		24,165.65	
1/15/2019	128,370.00	22,479.67	150,849.67	1,685.98		152,535.65	176,701.29
7/15/2019		21,195.97	21,195.97	1,589.70		22,785.67	
1/15/2020	131,160.00	21,195.97	152,355.97	1,589.70		153,945.67	176,731.34
7/15/2020		19,884.37	19,884.37	1,491.33		21,375.70	
1/15/2021	134,010.00	19,884.37	153,894.37	1,491.33		155,385.70	176,761.40
7/15/2021		18,544.27	18,544.27	1,390.82		19,935.09	
1/15/2022	136,923.00	18,544.27	155,467.27	1,390.82		156,858.09	176,793.18
7/15/2022		17,175.04	17,175.04	1,288.13		18,463.17	
1/15/2023	139,899.00	17,175.04	157,074.04	1,288.13		158,362.17	176,825.34
7/15/2023		15,776.05	15,776.05	1,183.20		16,959.25	
1/15/2024	142,939.00	15,776.05	158,715.05	1,183.20		159,898.25	176,857.51
7/15/2024		14,346.66	14,346.66	1,076.00		15,422.66	
1/15/2025	146,046.00	14,346.66	160,392.66	1,076.00		161,468.66	176,891.32
7/15/2025		12,886.20	12,886.20	966.47		13,852.67	
1/15/2026	149,220.00	12,886.20	162,106.20	966.47		163,072.67	176,925.33
7/15/2026		11,394.00	11,394.00	854.55		12,248.55	
1/15/2027	152,463.00	11,394.00	163,857.00	854.55		164,711.55	176,960.10
7/15/2027		9,869.37	9,869.37	740.20		10,609.57	
1/15/2028	155,776.00	9,869.37	165,645.37	740.20		166,385.57	176,995.15
7/15/2028		8,311.61	8,311.61	623.37		8,934.98	
1/15/2029	159,162.00	8,311.61	167,473.61	623.37		168,096.98	177,031.96
7/15/2029		6,719.99	6,719.99	504.00		7,223.99	
1/15/2030	162,621.00	6,719.99	169,340.99	504.00		169,844.99	177,068.98
7/15/2030		5,093.78	5,093.78	382.03		5,475.81	
1/15/2031	166,155.00	5,093.78	171,248.78	382.03		171,630.81	177,106.63
7/15/2031		3,432.23	3,432.23	257.42		3,689.65	
1/15/2032	169,767.00	3,432.23	173,199.23	257.42		173,456.65	177,146.29
7/15/2032		1,734.56	1,734.56	130.09		1,864.65	
1/15/2033	173,456.00	1,734.56	175,190.56	130.09		175,320.65	177,185.30
7/15/2033							
	2,850,000.00	619,015.57	3,469,015.57	46,426.17	15,675.00	3,531,116.73	3,531,116.73

Prepared by Public Financial Management, Inc

Massachusetts Water Pollution Abatement Trust
Series 17A
MWRA Loan Amortization
DW-11-03

Initial Loan Amount	500,000.00	Loan Origination Fee ($5.50/1000)	2,750.00
Principal Forgiveness	-	Loan Term (in years)	20
Net Loan Obligation	500,000.00	Loan Rate	2.00%
		Closing Date	5/22/2013
		First Interest Payment	7/15/2013
		First Principal Payment	1/15/2014

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/22/2013							
7/15/2013		1,472.22	1,472.22	110.42	2,750.00	4,332.64	
1/15/2014	20,225.00	5,000.00	25,225.00	375.00		25,600.00	29,932.64
7/15/2014		4,797.75	4,797.75	359.83		5,157.58	
1/15/2015	20,665.00	4,797.75	25,462.75	359.83		25,822.58	30,980.16
7/15/2015		4,591.10	4,591.10	344.33		4,935.43	
1/15/2016	21,114.00	4,591.10	25,705.10	344.33		26,049.43	30,984.87
7/15/2016		4,379.96	4,379.96	328.50		4,708.46	
1/15/2017	21,573.00	4,379.96	25,952.96	328.50		26,281.46	30,989.91
7/15/2017		4,164.23	4,164.23	312.32		4,476.55	
1/15/2018	22,042.00	4,164.23	26,206.23	312.32		26,518.55	30,995.09
7/15/2018		3,943.81	3,943.81	295.79		4,239.60	
1/15/2019	22,521.00	3,943.81	26,464.81	295.79		26,760.60	31,000.19
7/15/2019		3,718.60	3,718.60	278.90		3,997.50	
1/15/2020	23,010.00	3,718.60	26,728.60	278.90		27,007.50	31,004.99
7/15/2020		3,488.50	3,488.50	261.64		3,750.14	
1/15/2021	23,511.00	3,488.50	26,999.50	261.64		27,261.14	31,011.28
7/15/2021		3,253.39	3,253.39	244.00		3,497.39	
1/15/2022	24,022.00	3,253.39	27,275.39	244.00		27,519.39	31,016.79
7/15/2022		3,013.17	3,013.17	225.99		3,239.16	
1/15/2023	24,544.00	3,013.17	27,557.17	225.99		27,783.16	31,022.32
7/15/2023		2,767.73	2,767.73	207.58		2,975.31	
1/15/2024	25,077.00	2,767.73	27,844.73	207.58		28,052.31	31,027.62
7/15/2024		2,516.96	2,516.96	188.77		2,705.73	
1/15/2025	25,622.00	2,516.96	28,138.96	188.77		28,327.73	31,033.46
7/15/2025		2,260.74	2,260.74	169.56		2,430.30	
1/15/2026	26,179.00	2,260.74	28,439.74	169.56		28,609.30	31,039.59
7/15/2026		1,998.95	1,998.95	149.92		2,148.87	
1/15/2027	26,748.00	1,998.95	28,746.95	149.92		28,896.87	31,045.74
7/15/2027		1,731.47	1,731.47	129.86		1,861.33	
1/15/2028	27,329.00	1,731.47	29,060.47	129.86		29,190.33	31,051.66
7/15/2028		1,458.18	1,458.18	109.36		1,567.54	
1/15/2029	27,923.00	1,458.18	29,381.18	109.36		29,490.54	31,058.09
7/15/2029		1,178.95	1,178.95	88.42		1,267.37	
1/15/2030	28,530.00	1,178.95	29,708.95	88.42		29,797.37	31,064.74
7/15/2030		893.65	893.65	67.02		960.67	
1/15/2031	29,150.00	893.65	30,043.65	67.02		30,110.67	31,071.35
7/15/2031		602.15	602.15	45.16		647.31	
1/15/2032	29,784.00	602.15	30,386.15	45.16		30,431.31	31,078.62
7/15/2032		304.31	304.31	22.82		327.13	
1/15/2033	30,431.00	304.31	30,735.31	22.82		30,758.13	31,085.27
7/15/2033							
	500,000.00	108,599.42	608,599.42	8,144.96	2,750.00	619,494.38	619,494.38

Prepared by Public Financial Management, Inc

Massachusetts Water Pollution Abatement Trust
Series 17A
MWRA Loan Amortization
DW-11-04

Initial Loan Amount	750,000.00	Loan Origination Fee ($5.50/1000)	4,125.00
Principal Forgiveness	-	Loan Term (in years)	20
Net Loan Obligation	750,000.00	Loan Rate	2.00%
		Closing Date	5/22/2013
		First Interest Payment	7/15/2013
		First Principal Payment	1/15/2014

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/22/2013							
7/15/2013		2,208.33	2,208.33	165.63	4,125.00	6,498.96	
1/15/2014	30,338.00	7,500.00	37,838.00	562.50		38,400.50	44,899.46
7/15/2014		7,196.62	7,196.62	539.75		7,736.37	
1/15/2015	30,998.00	7,196.62	38,194.62	539.75		38,734.37	46,470.73
7/15/2015		6,886.64	6,886.64	516.50		7,403.14	
1/15/2016	31,671.00	6,886.64	38,557.64	516.50		39,074.14	46,477.28
7/15/2016		6,569.93	6,569.93	492.74		7,062.67	
1/15/2017	32,360.00	6,569.93	38,929.93	492.74		39,422.67	46,485.35
7/15/2017		6,246.33	6,246.33	468.47		6,714.80	
1/15/2018	33,063.00	6,246.33	39,309.33	468.47		39,777.80	46,492.61
7/15/2018		5,915.70	5,915.70	443.68		6,359.38	
1/15/2019	33,782.00	5,915.70	39,697.70	443.68		40,141.38	46,500.76
7/15/2019		5,577.88	5,577.88	418.34		5,996.22	
1/15/2020	34,516.00	5,577.88	40,093.88	418.34		40,512.22	46,508.44
7/15/2020		5,232.72	5,232.72	392.45		5,625.17	
1/15/2021	35,266.00	5,232.72	40,498.72	392.45		40,891.17	46,516.35
7/15/2021		4,880.06	4,880.06	366.00		5,246.06	
1/15/2022	36,032.00	4,880.06	40,912.06	366.00		41,278.06	46,524.13
7/15/2022		4,519.74	4,519.74	338.98		4,858.72	
1/15/2023	36,815.00	4,519.74	41,334.74	338.98		41,673.72	46,532.44
7/15/2023		4,151.59	4,151.59	311.37		4,462.96	
1/15/2024	37,616.00	4,151.59	41,767.59	311.37		42,078.96	46,541.92
7/15/2024		3,775.43	3,775.43	283.16		4,058.59	
1/15/2025	38,433.00	3,775.43	42,208.43	283.16		42,491.59	46,550.17
7/15/2025		3,391.10	3,391.10	254.33		3,645.43	
1/15/2026	39,268.00	3,391.10	42,659.10	254.33		42,913.43	46,558.87
7/15/2026		2,998.42	2,998.42	224.88		3,223.30	
1/15/2027	40,122.00	2,998.42	43,120.42	224.88		43,345.30	46,568.60
7/15/2027		2,597.20	2,597.20	194.79		2,791.99	
1/15/2028	40,994.00	2,597.20	43,591.20	194.79		43,785.99	46,577.98
7/15/2028		2,187.26	2,187.26	164.04		2,351.30	
1/15/2029	41,885.00	2,187.26	44,072.26	164.04		44,236.30	46,587.61
7/15/2029		1,768.41	1,768.41	132.63		1,901.04	
1/15/2030	42,795.00	1,768.41	44,563.41	132.63		44,696.04	46,597.08
7/15/2030		1,340.46	1,340.46	100.53		1,440.99	
1/15/2031	43,725.00	1,340.46	45,065.46	100.53		45,165.99	46,606.99
7/15/2031		903.21	903.21	67.74		970.95	
1/15/2032	44,675.00	903.21	45,578.21	67.74		45,645.95	46,616.90
7/15/2032		456.46	456.46	34.23		490.69	
1/15/2033	45,646.00	456.46	46,102.46	34.23		46,136.69	46,627.39
7/15/2033							
	750,000.00	162,898.65	912,898.65	12,217.40	4,125.00	929,241.05	929,241.05

Prepared by Public Financial Management, Inc

Massachusetts Water Pollution Abatement Trust
Series 17A
MWRA Loan Amortization
DW-11-05

Initial Loan Amount	400,000.00	Loan Origination Fee ($5.50/1000)	2,200.00
Principal Forgiveness	-	Loan Term (in years)	20
Net Loan Obligation	400,000.00	Loan Rate	2.00%
		Closing Date	5/22/2013
		First Interest Payment	7/15/2013
		First Principal Payment	1/15/2014

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/22/2013							
7/15/2013		1,177.78	1,177.78	88.33	2,200.00	3,466.11	
1/15/2014	16,180.00	4,000.00	20,180.00	300.00		20,480.00	23,946.11
7/15/2014		3,838.20	3,838.20	287.87		4,126.07	
1/15/2015	16,532.00	3,838.20	20,370.20	287.87		20,658.07	24,784.13
7/15/2015		3,672.88	3,672.88	275.47		3,948.35	
1/15/2016	16,891.00	3,672.88	20,563.88	275.47		20,839.35	24,787.69
7/15/2016		3,503.97	3,503.97	262.80		3,766.77	
1/15/2017	17,259.00	3,503.97	20,762.97	262.80		21,025.77	24,792.54
7/15/2017		3,331.38	3,331.38	249.85		3,581.23	
1/15/2018	17,634.00	3,331.38	20,965.38	249.85		21,215.23	24,796.47
7/15/2018		3,155.04	3,155.04	236.63		3,391.67	
1/15/2019	18,017.00	3,155.04	21,172.04	236.63		21,408.67	24,800.34
7/15/2019		2,974.87	2,974.87	223.12		3,197.99	
1/15/2020	18,408.00	2,974.87	21,382.87	223.12		21,605.99	24,803.97
7/15/2020		2,790.79	2,790.79	209.31		3,000.10	
1/15/2021	18,808.00	2,790.79	21,598.79	209.31		21,808.10	24,808.20
7/15/2021		2,602.71	2,602.71	195.20		2,797.91	
1/15/2022	19,217.00	2,602.71	21,819.71	195.20		22,014.91	24,812.83
7/15/2022		2,410.54	2,410.54	180.79		2,591.33	
1/15/2023	19,635.00	2,410.54	22,045.54	180.79		22,226.33	24,817.66
7/15/2023		2,214.19	2,214.19	166.06		2,380.25	
1/15/2024	20,062.00	2,214.19	22,276.19	166.06		22,442.25	24,822.51
7/15/2024		2,013.57	2,013.57	151.02		2,164.59	
1/15/2025	20,498.00	2,013.57	22,511.57	151.02		22,662.59	24,827.18
7/15/2025		1,808.59	1,808.59	135.64		1,944.23	
1/15/2026	20,943.00	1,808.59	22,751.59	135.64		22,887.23	24,831.47
7/15/2026		1,599.16	1,599.16	119.94		1,719.10	
1/15/2027	21,398.00	1,599.16	22,997.16	119.94		23,117.10	24,836.19
7/15/2027		1,385.18	1,385.18	103.89		1,489.07	
1/15/2028	21,863.00	1,385.18	23,248.18	103.89		23,352.07	24,841.14
7/15/2028		1,166.55	1,166.55	87.49		1,254.04	
1/15/2029	22,339.00	1,166.55	23,505.55	87.49		23,593.04	24,847.08
7/15/2029		943.16	943.16	70.74		1,013.90	
1/15/2030	22,824.00	943.16	23,767.16	70.74		23,837.90	24,851.79
7/15/2030		714.92	714.92	53.62		768.54	
1/15/2031	23,320.00	714.92	24,034.92	53.62		24,088.54	24,857.08
7/15/2031		481.72	481.72	36.13		517.85	
1/15/2032	23,827.00	481.72	24,308.72	36.13		24,344.85	24,862.70
7/15/2032		243.45	243.45	18.26		261.71	
1/15/2033	24,345.00	243.45	24,588.45	18.26		24,606.71	24,868.42
7/15/2033							
	400,000.00	86,879.52	486,879.52	6,515.96	2,200.00	495,595.48	495,595.48

Prepared by Public Financial Management, Inc

Massachusetts Water Pollution Abatement Trust
Series 17A
MWRA Loan Amortization
DW-11-06

Initial Loan Amount	2,000,000.00	Loan Origination Fee ($5.50/1000)	11,000.00
Principal Forgiveness	-	Loan Term (in years)	20
Net Loan Obligation	2,000,000.00	Loan Rate	2.00%
		Closing Date	5/22/2013
		First Interest Payment	7/15/2013
		First Principal Payment	1/15/2014

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/22/2013							
7/15/2013		5,888.89	5,888.89	441.67	11,000.00	17,330.56	
1/15/2014	80,902.00	20,000.00	100,902.00	1,500.00		102,402.00	119,732.56
7/15/2014		19,190.98	19,190.98	1,439.32		20,630.30	
1/15/2015	82,660.00	19,190.98	101,850.98	1,439.32		103,290.30	123,920.61
7/15/2015		18,364.38	18,364.38	1,377.33		19,741.71	
1/15/2016	84,457.00	18,364.38	102,821.38	1,377.33		104,198.71	123,940.42
7/15/2016		17,519.81	17,519.81	1,313.99		18,833.80	
1/15/2017	86,292.00	17,519.81	103,811.81	1,313.99		105,125.80	123,959.59
7/15/2017		16,656.89	16,656.89	1,249.27		17,906.16	
1/15/2018	88,168.00	16,656.89	104,824.89	1,249.27		106,074.16	123,980.31
7/15/2018		15,775.21	15,775.21	1,183.14		16,958.35	
1/15/2019	90,084.00	15,775.21	105,859.21	1,183.14		107,042.35	124,000.70
7/15/2019		14,874.37	14,874.37	1,115.58		15,989.95	
1/15/2020	92,042.00	14,874.37	106,916.37	1,115.58		108,031.95	124,021.90
7/15/2020		13,953.95	13,953.95	1,046.55		15,000.50	
1/15/2021	94,042.00	13,953.95	107,995.95	1,046.55		109,042.50	124,042.99
7/15/2021		13,013.53	13,013.53	976.01		13,989.54	
1/15/2022	96,086.00	13,013.53	109,099.53	976.01		110,075.54	124,065.09
7/15/2022		12,052.67	12,052.67	903.95		12,956.62	
1/15/2023	98,174.00	12,052.67	110,226.67	903.95		111,130.62	124,087.24
7/15/2023		11,070.93	11,070.93	830.32		11,901.25	
1/15/2024	100,308.00	11,070.93	111,378.93	830.32		112,209.25	124,110.50
7/15/2024		10,067.85	10,067.85	755.09		10,822.94	
1/15/2025	102,488.00	10,067.85	112,555.85	755.09		113,310.94	124,133.88
7/15/2025		9,042.97	9,042.97	678.22		9,721.19	
1/15/2026	104,716.00	9,042.97	113,758.97	678.22		114,437.19	124,158.39
7/15/2026		7,995.81	7,995.81	599.69		8,595.50	
1/15/2027	106,992.00	7,995.81	114,987.81	599.69		115,587.50	124,182.99
7/15/2027		6,925.89	6,925.89	519.44		7,445.33	
1/15/2028	109,317.00	6,925.89	116,242.89	519.44		116,762.33	124,207.66
7/15/2028		5,832.72	5,832.72	437.45		6,270.17	
1/15/2029	111,693.00	5,832.72	117,525.72	437.45		117,963.17	124,233.35
7/15/2029		4,715.79	4,715.79	353.68		5,069.47	
1/15/2030	114,120.00	4,715.79	118,835.79	353.68		119,189.47	124,258.95
7/15/2030		3,574.59	3,574.59	268.09		3,842.68	
1/15/2031	116,600.00	3,574.59	120,174.59	268.09		120,442.68	124,285.37
7/15/2031		2,408.59	2,408.59	180.64		2,589.23	
1/15/2032	119,135.00	2,408.59	121,543.59	180.64		121,724.23	124,313.47
7/15/2032		1,217.24	1,217.24	91.29		1,308.53	
1/15/2033	121,724.00	1,217.24	122,941.24	91.29		123,032.53	124,341.07
7/15/2033							
	2,000,000.00	434,397.23	2,434,397.23	32,579.79	11,000.00	2,477,977.02	2,477,977.02

Prepared by Public Financial Management, Inc

Massachusetts Water Pollution Abatement Trust
Series 17A
MWRA Loan Amortization
DW-11-08

Initial Loan Amount	2,110,367.00	Loan Origination Fee ($5.50/1000)	11,607.02
Principal Forgiveness	-	Loan Term (in years)	20
Net Loan Obligation	2,110,367.00	Loan Rate	2.00%
		Closing Date	5/22/2013
		First Interest Payment	7/15/2013
		First Principal Payment	1/15/2014

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/22/2013							
7/15/2013		6,213.86	6,213.86	466.04	11,607.02	18,286.92	
1/15/2014	85,366.00	21,103.67	106,469.67	1,582.78		108,052.45	126,339.36
7/15/2014		20,250.01	20,250.01	1,518.75		21,768.76	
1/15/2015	87,222.00	20,250.01	107,472.01	1,518.75		108,990.76	130,759.52
7/15/2015		19,377.79	19,377.79	1,453.33		20,831.12	
1/15/2016	89,117.00	19,377.79	108,494.79	1,453.33		109,948.12	130,779.25
7/15/2016		18,486.62	18,486.62	1,386.50		19,873.12	
1/15/2017	91,054.00	18,486.62	109,540.62	1,386.50		110,927.12	130,800.23
7/15/2017		17,576.08	17,576.08	1,318.21		18,894.29	
1/15/2018	93,033.00	17,576.08	110,609.08	1,318.21		111,927.29	130,821.57
7/15/2018		16,645.75	16,645.75	1,248.43		17,894.18	
1/15/2019	95,055.00	16,645.75	111,700.75	1,248.43		112,949.18	130,843.36
7/15/2019		15,695.20	15,695.20	1,177.14		16,872.34	
1/15/2020	97,121.00	15,695.20	112,816.20	1,177.14		113,993.34	130,865.68
7/15/2020		14,723.99	14,723.99	1,104.30		15,828.29	
1/15/2021	99,232.00	14,723.99	113,955.99	1,104.30		115,060.29	130,888.58
7/15/2021		13,731.67	13,731.67	1,029.88		14,761.55	
1/15/2022	101,389.00	13,731.67	115,120.67	1,029.88		116,150.55	130,912.09
7/15/2022		12,717.78	12,717.78	953.83		13,671.61	
1/15/2023	103,592.00	12,717.78	116,309.78	953.83		117,263.61	130,935.23
7/15/2023		11,681.86	11,681.86	876.14		12,558.00	
1/15/2024	105,844.00	11,681.86	117,525.86	876.14		118,402.00	130,960.00
7/15/2024		10,623.42	10,623.42	796.76		11,420.18	
1/15/2025	108,144.00	10,623.42	118,767.42	796.76		119,564.18	130,984.35
7/15/2025		9,541.98	9,541.98	715.65		10,257.63	
1/15/2026	110,494.00	9,541.98	120,035.98	715.65		120,751.63	131,009.26
7/15/2026		8,437.04	8,437.04	632.78		9,069.82	
1/15/2027	112,896.00	8,437.04	121,333.04	632.78		121,965.82	131,035.64
7/15/2027		7,308.08	7,308.08	548.11		7,856.19	
1/15/2028	115,349.00	7,308.08	122,657.08	548.11		123,205.19	131,061.37
7/15/2028		6,154.59	6,154.59	461.59		6,616.18	
1/15/2029	117,856.00	6,154.59	124,010.59	461.59		124,472.18	131,088.37
7/15/2029		4,976.03	4,976.03	373.20		5,349.23	
1/15/2030	120,418.00	4,976.03	125,394.03	373.20		125,767.23	131,116.46
7/15/2030		3,771.85	3,771.85	282.89		4,054.74	
1/15/2031	123,035.00	3,771.85	126,806.85	282.89		127,089.74	131,144.48
7/15/2031		2,541.50	2,541.50	190.61		2,732.11	
1/15/2032	125,709.00	2,541.50	128,250.50	190.61		128,441.11	131,173.23
7/15/2032		1,284.41	1,284.41	96.33		1,380.74	
1/15/2033	128,441.00	1,284.41	129,725.41	96.33		129,821.74	131,202.48
7/15/2033							
	2,110,367.00	458,368.83	2,568,735.83	34,377.66	11,607.02	2,614,720.51	2,614,720.51

Massachusetts Water Pollution Abatement Trust
Pool 16-2014 Swap
Massachusetts Water Resources Authority
DW-12-24-A

Original Loan Amount	-	Loan Origination Fee ($7.5/1000)	0.00
Principal Paid Down	-	Loan Term (in years)	18
Outstanding Loan Obligation	267,564.00	Loan Rate	2.00%
Remaining Balance	-	Closing Date	5/30/2014
Net New Loan Obligation	267,564.00	First Payment	7/15/2014

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/30/2014							
7/15/2014	11,524.65	668.91	12,193.56	200.67		12,394.24	
1/15/2015		2,560.40	2,560.40	192.03		2,752.42	15,146.66
7/15/2015	11,775.12	2,560.40	14,335.52	192.03		14,527.55	
1/15/2016		2,442.64	2,442.64	183.20		2,625.84	17,153.39
7/15/2016	12,031.04	2,442.64	14,473.68	183.20		14,656.88	
1/15/2017		2,322.33	2,322.33	174.18		2,496.51	17,153.39
7/15/2017	12,292.52	2,322.33	14,614.85	174.18		14,789.03	
1/15/2018		2,199.41	2,199.41	164.96		2,364.36	17,153.39
7/15/2018	12,559.68	2,199.41	14,759.09	164.96		14,924.04	
1/15/2019		2,073.81	2,073.81	155.54		2,229.35	17,153.39
7/15/2019	12,832.65	2,073.81	14,906.46	155.54		15,062.00	
1/15/2020		1,945.49	1,945.49	145.91		2,091.40	17,153.39
7/15/2020	13,111.55	1,945.49	15,057.03	145.91		15,202.94	
1/15/2021		1,814.37	1,814.37	136.08		1,950.45	17,153.39
7/15/2021	13,396.51	1,814.37	15,210.88	136.08		15,346.96	
1/15/2022		1,680.40	1,680.40	126.03		1,806.43	17,153.39
7/15/2022	13,687.66	1,680.40	15,368.07	126.03		15,494.10	
1/15/2023		1,543.53	1,543.53	115.76		1,659.29	17,153.39
7/15/2023	13,985.15	1,543.53	15,528.68	115.76		15,644.44	
1/15/2024		1,403.68	1,403.68	105.28		1,508.95	17,153.39
7/15/2024	14,289.10	1,403.68	15,692.77	105.28		15,798.05	
1/15/2025		1,260.79	1,260.79	94.56		1,355.34	17,153.39
7/15/2025	14,599.65	1,260.79	15,860.43	94.56		15,954.99	
1/15/2026		1,114.79	1,114.79	83.61		1,198.40	17,153.39
7/15/2026	14,916.95	1,114.79	16,031.74	83.61		16,115.35	
1/15/2027		965.62	965.62	72.42		1,038.04	17,153.39
7/15/2027	15,241.15	965.62	16,206.77	72.42		16,279.19	
1/15/2028		813.21	813.21	60.99		874.20	17,153.39
7/15/2028	15,572.40	813.21	16,385.61	60.99		16,446.60	
1/15/2029		657.48	657.48	49.31		706.80	17,153.39
7/15/2029	15,910.84	657.48	16,568.33	49.31		16,617.64	
1/15/2030		498.38	498.38	37.38		535.75	17,153.39
7/15/2030	16,256.64	498.38	16,755.02	37.38		16,792.40	
1/15/2031		335.81	335.81	25.19		360.99	17,153.39
7/15/2031	16,609.96	335.81	16,945.77	25.19		16,970.95	
1/15/2032		169.71	169.71	12.73		182.44	17,153.39
7/15/2032	16,970.95	169.71	17,140.66	12.73		17,153.39	
1/15/2033							17,153.39
	267,564.00	52,272.58	319,836.76	4,070.95		323,907.71	323,907.71

Massachusetts Water Pollution Abatement Trust
Pool 16-2014 Swap
Massachusetts Water Resources Authority
DW-12-24-B

Original Loan Amount	-	Loan Origination Fee ($7.5/1000)	0.00
Principal Paid Down	-	Loan Term (in years)	18
Outstanding Loan Obligation	1,837,890.00	Loan Rate	2.00%
Remaining Balance	-	Closing Date	5/30/2014
Net New Loan Obligation	1,837,890.00	First Payment	7/15/2014

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/30/2014							
7/15/2014	80,204.51	4,594.73	84,799.23	1,378.42		86,177.65	
1/15/2015		17,576.86	17,576.86	1,318.26		18,895.12	105,072.77
7/15/2015	81,947.64	17,576.86	99,524.50	1,318.26		100,842.76	
1/15/2016		16,757.38	16,757.38	1,256.80		18,014.18	118,856.94
7/15/2016	83,728.66	16,757.38	100,486.04	1,256.80		101,742.84	
1/15/2017		15,920.09	15,920.09	1,194.01		17,114.10	118,856.94
7/15/2017	85,548.39	15,920.09	101,468.48	1,194.01		102,662.49	
1/15/2018		15,064.61	15,064.61	1,129.85		16,194.45	118,856.94
7/15/2018	87,407.67	15,064.61	102,472.28	1,129.85		103,602.12	
1/15/2019		14,190.53	14,190.53	1,064.29		15,254.82	118,856.94
7/15/2019	89,307.36	14,190.53	103,497.89	1,064.29		104,562.18	
1/15/2020		13,297.46	13,297.46	997.31		14,294.77	118,856.94
7/15/2020	91,248.33	13,297.46	104,545.79	997.31		105,543.10	
1/15/2021		12,384.97	12,384.97	928.87		13,313.85	118,856.94
7/15/2021	93,231.49	12,384.97	105,616.46	928.87		106,545.33	
1/15/2022		11,452.66	11,452.66	858.95		12,311.61	118,856.94
7/15/2022	95,257.75	11,452.66	106,710.41	858.95		107,569.36	
1/15/2023		10,500.08	10,500.08	787.51		11,287.59	118,856.94
7/15/2023	97,328.04	10,500.08	107,828.13	787.51		108,615.63	
1/15/2024		9,526.80	9,526.80	714.51		10,241.31	118,856.94
7/15/2024	99,443.34	9,526.80	108,970.14	714.51		109,684.65	
1/15/2025		8,532.37	8,532.37	639.93		9,172.30	118,856.94
7/15/2025	101,604.60	8,532.37	110,136.97	639.93		110,776.90	
1/15/2026		7,516.32	7,516.32	563.72		8,080.05	118,856.94
7/15/2026	103,812.84	7,516.32	111,329.16	563.72		111,892.89	
1/15/2027		6,478.19	6,478.19	485.86		6,964.06	118,856.94
7/15/2027	106,069.07	6,478.19	112,547.26	485.86		113,033.13	
1/15/2028		5,417.50	5,417.50	406.31		5,823.82	118,856.94
7/15/2028	108,374.34	5,417.50	113,791.84	406.31		114,198.15	
1/15/2029		4,333.76	4,333.76	325.03		4,658.79	118,856.94
7/15/2029	110,729.70	4,333.76	115,063.46	325.03		115,388.50	
1/15/2030		3,226.46	3,226.46	241.98		3,468.45	118,856.94
7/15/2030	113,136.26	3,226.46	116,362.73	241.98		116,604.71	
1/15/2031		2,095.10	2,095.10	157.13		2,252.23	118,856.94
7/15/2031	103,628.90	2,095.10	105,724.00	157.13		105,881.13	
1/15/2032		1,058.81	1,058.81	79.41		1,138.22	107,019.35
7/15/2032	105,881.13	1,058.81	106,939.94	79.41		107,019.35	
1/15/2033							107,019.35
	1,837,890.00	355,254.65	2,193,144.66	27,677.91		2,220,822.57	2,220,822.57

Massachusetts Water Pollution Abatement Trust
Pool 16-2014 Swap
Massachusetts Water Resources Authority
DW-12-24-C

Original Loan Amount	-	Loan Origination Fee ($7.5/1000)	0.00
Principal Paid Down	-	Loan Term (in years)	18
Outstanding Loan Obligation	654,204.00	Loan Rate	2.00%
Remaining Balance	-	Closing Date	5/30/2014
Net New Loan Obligation	654,204.00	First Payment	7/15/2014

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/30/2014							
7/15/2014	34,277.70	1,635.51	35,913.22	490.65		36,403.87	
1/15/2015		6,199.27	6,199.27	464.94		6,664.21	43,068.08
7/15/2015	35,022.68	6,199.27	41,221.95	464.94		41,686.90	
1/15/2016		5,849.04	5,849.04	438.68		6,287.72	47,974.61
7/15/2016	35,783.85	5,849.04	41,632.89	438.68		42,071.57	
1/15/2017		5,491.20	5,491.20	411.84		5,903.04	47,974.61
7/15/2017	36,561.57	5,491.20	42,052.77	411.84		42,464.61	
1/15/2018		5,125.59	5,125.59	384.42		5,510.00	47,974.61
7/15/2018	37,356.18	5,125.59	42,481.77	384.42		42,866.19	
1/15/2019		4,752.02	4,752.02	356.40		5,108.43	47,974.61
7/15/2019	38,168.07	4,752.02	42,920.09	356.40		43,276.49	
1/15/2020		4,370.34	4,370.34	327.78		4,698.12	47,974.61
7/15/2020	38,997.60	4,370.34	43,367.94	327.78		43,695.72	
1/15/2021		3,980.37	3,980.37	298.53		4,278.89	47,974.61
7/15/2021	39,845.16	3,980.37	43,825.53	298.53		44,124.05	
1/15/2022		3,581.92	3,581.92	268.64		3,850.56	47,974.61
7/15/2022	40,711.14	3,581.92	44,293.06	268.64		44,561.70	
1/15/2023		3,174.80	3,174.80	238.11		3,412.91	47,974.61
7/15/2023	41,595.94	3,174.80	44,770.74	238.11		45,008.86	
1/15/2024		2,758.84	2,758.84	206.91		2,965.76	47,974.61
7/15/2024	42,499.97	2,758.84	45,258.82	206.91		45,465.73	
1/15/2025		2,333.84	2,333.84	175.04		2,508.88	47,974.61
7/15/2025	43,423.65	2,333.84	45,757.50	175.04		45,932.53	
1/15/2026		1,899.61	1,899.61	142.47		2,042.08	47,974.61
7/15/2026	44,367.41	1,899.61	46,267.01	142.47		46,409.48	
1/15/2027		1,455.93	1,455.93	109.20		1,565.13	47,974.61
7/15/2027	45,331.67	1,455.93	46,787.60	109.20		46,896.80	
1/15/2028		1,002.62	1,002.62	75.20		1,077.81	47,974.61
7/15/2028	46,316.89	1,002.62	47,319.51	75.20		47,394.71	
1/15/2029		539.45	539.45	40.46		579.91	47,974.61
7/15/2029	13,054.43	539.45	13,593.88	40.46		13,634.34	
1/15/2030		408.90	408.90	30.67		439.57	14,073.91
7/15/2030	13,338.15	408.90	13,747.06	30.67		13,777.72	
1/15/2031		275.52	275.52	20.66		296.19	14,073.91
7/15/2031	13,628.04	275.52	13,903.56	20.66		13,924.22	
1/15/2032		139.24	139.24	10.44		149.69	14,073.91
7/15/2032	13,924.22	139.24	14,063.47	10.44		14,073.91	
1/15/2033							14,073.91
	654,204.00	108,312.53	762,516.87	8,491.43		771,008.30	771,008.30

Massachusetts Water Pollution Abatement Trust
Pool 16-2014 Swap
Massachusetts Water Resources Authority
DW-12-25-A

Original Loan Amount	-	Loan Origination Fee ($7.5/1000)	0.00
Principal Paid Down	-	Loan Term (in years)	18
Outstanding Loan Obligation	3,000,000.00	Loan Rate	2.00%
Remaining Balance	-	Closing Date	5/30/2014
Net New Loan Obligation	3,000,000.00	First Payment	7/15/2014

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/30/2014							
7/15/2014	135,089.33	7,500.00	142,589.33	2,250.00		144,839.33	
1/15/2015		28,649.11	28,649.11	2,148.68		30,797.79	175,637.12
7/15/2015	138,025.31	28,649.11	166,674.42	2,148.68		168,823.10	
1/15/2016		27,268.85	27,268.85	2,045.16		29,314.02	198,137.12
7/15/2016	141,025.10	27,268.85	168,293.96	2,045.16		170,339.12	
1/15/2017		25,858.60	25,858.60	1,939.40		27,798.00	198,137.12
7/15/2017	144,090.09	25,858.60	169,948.69	1,939.40		171,888.09	
1/15/2018		24,417.70	24,417.70	1,831.33		26,249.03	198,137.12
7/15/2018	147,221.69	24,417.70	171,639.39	1,831.33		173,470.72	
1/15/2019		22,945.48	22,945.48	1,720.91		24,666.40	198,137.12
7/15/2019	150,421.36	22,945.48	173,366.84	1,720.91		175,087.75	
1/15/2020		21,441.27	21,441.27	1,608.10		23,049.37	198,137.12
7/15/2020	153,690.56	21,441.27	175,131.83	1,608.10		176,739.93	
1/15/2021		19,904.37	19,904.37	1,492.83		21,397.19	198,137.12
7/15/2021	157,030.81	19,904.37	176,935.18	1,492.83		178,428.01	
1/15/2022		18,334.06	18,334.06	1,375.05		19,709.11	198,137.12
7/15/2022	160,443.66	18,334.06	178,777.72	1,375.05		180,152.78	
1/15/2023		16,729.62	16,729.62	1,254.72		17,984.34	198,137.12
7/15/2023	163,930.69	16,729.62	180,660.31	1,254.72		181,915.03	
1/15/2024		15,090.31	15,090.31	1,131.77		16,222.09	198,137.12
7/15/2024	167,493.50	15,090.31	182,583.81	1,131.77		183,715.59	
1/15/2025		13,415.38	13,415.38	1,006.15		14,421.53	198,137.12
7/15/2025	171,133.74	13,415.38	184,549.12	1,006.15		185,555.27	
1/15/2026		11,704.04	11,704.04	877.80		12,581.84	198,137.12
7/15/2026	174,853.10	11,704.04	186,557.14	877.80		187,434.94	
1/15/2027		9,955.51	9,955.51	746.66		10,702.17	198,137.12
7/15/2027	178,653.29	9,955.51	188,608.80	746.66		189,355.47	
1/15/2028		8,168.98	8,168.98	612.67		8,781.65	198,137.12
7/15/2028	182,536.08	8,168.98	190,705.06	612.67		191,317.73	
1/15/2029		6,343.62	6,343.62	475.77		6,819.39	198,137.12
7/15/2029	155,302.46	6,343.62	161,646.08	475.77		162,121.85	
1/15/2030		4,790.59	4,790.59	359.29		5,149.89	167,271.74
7/15/2030	158,677.75	4,790.59	163,468.34	359.29		163,827.64	
1/15/2031		3,203.81	3,203.81	240.29		3,444.10	167,271.74
7/15/2031	158,468.68	3,203.81	161,672.50	240.29		161,912.78	
1/15/2032		1,619.13	1,619.13	121.43		1,740.56	163,653.34
7/15/2032	161,912.78	1,619.13	163,531.91	121.43		163,653.34	
1/15/2033							163,653.34
	3,000,000.00	567,180.88	3,567,180.88	44,226.07		3,611,406.94	3,611,406.94

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 18
Massachusetts Water Resources Authority Loan Amortization
CW-13-30

Initial Loan Amount	840,982.00	Loan Origination Fee ($5.50/1000)	4,625.40
Principal Forgiveness	-	Loan Term (in years)	20
Net Loan Obligation	840,982.00	Loan Rate	2.00%
		Closing Date	1/7/2015
		First Interest Payment	7/15/2015
		First Principal Payment	1/15/2016

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
1/7/2015							
7/15/2015		8,783.59	8,783.59	658.77	4,625.40	14,067.76	
1/15/2016	34,019.00	8,409.82	42,428.82	630.74		43,059.56	57,127.32
7/15/2016		8,069.63	8,069.63	605.22		8,674.85	
1/15/2017	34,758.00	8,069.63	42,827.63	605.22		43,432.85	52,107.70
7/15/2017		7,722.05	7,722.05	579.15		8,301.20	
1/15/2018	35,513.00	7,722.05	43,235.05	579.15		43,814.20	52,115.41
7/15/2018		7,366.92	7,366.92	552.52		7,919.44	
1/15/2019	36,285.00	7,366.92	43,651.92	552.52		44,204.44	52,123.88
7/15/2019		7,004.07	7,004.07	525.31		7,529.38	
1/15/2020	37,074.00	7,004.07	44,078.07	525.31		44,603.38	52,132.75
7/15/2020		6,633.33	6,633.33	497.50		7,130.83	
1/15/2021	37,880.00	6,633.33	44,513.33	497.50		45,010.83	52,141.66
7/15/2021		6,254.53	6,254.53	469.09		6,723.62	
1/15/2022	38,703.00	6,254.53	44,957.53	469.09		45,426.62	52,150.24
7/15/2022		5,867.50	5,867.50	440.06		6,307.56	
1/15/2023	39,544.00	5,867.50	45,411.50	440.06		45,851.56	52,159.13
7/15/2023		5,472.06	5,472.06	410.40		5,882.46	
1/15/2024	40,403.00	5,472.06	45,875.06	410.40		46,285.46	52,167.93
7/15/2024		5,068.03	5,068.03	380.10		5,448.13	
1/15/2025	41,281.00	5,068.03	46,349.03	380.10		46,729.13	52,177.26
7/15/2025		4,655.22	4,655.22	349.14		5,004.36	
1/15/2026	42,179.00	4,655.22	46,834.22	349.14		47,183.36	52,187.72
7/15/2026		4,233.43	4,233.43	317.51		4,550.94	
1/15/2027	43,095.00	4,233.43	47,328.43	317.51		47,645.94	52,196.87
7/15/2027		3,802.48	3,802.48	285.19		4,087.67	
1/15/2028	44,032.00	3,802.48	47,834.48	285.19		48,119.67	52,207.33
7/15/2028		3,362.16	3,362.16	252.16		3,614.32	
1/15/2029	44,989.00	3,362.16	48,351.16	252.16		48,603.32	52,217.64
7/15/2029		2,912.27	2,912.27	218.42		3,130.69	
1/15/2030	45,967.00	2,912.27	48,879.27	218.42		49,097.69	52,228.38
7/15/2030		2,452.60	2,452.60	183.95		2,636.55	
1/15/2031	46,966.00	2,452.60	49,418.60	183.95		49,602.55	52,239.09
7/15/2031		1,982.94	1,982.94	148.72		2,131.66	
1/15/2032	47,986.00	1,982.94	49,968.94	148.72		50,117.66	52,249.32
7/15/2032		1,503.08	1,503.08	112.73		1,615.81	
1/15/2033	49,029.00	1,503.08	50,532.08	112.73		50,644.81	52,260.62
7/15/2033		1,012.79	1,012.79	75.96		1,088.75	
1/15/2034	50,095.00	1,012.79	51,107.79	75.96		51,183.75	52,272.50
7/15/2034		511.84	511.84	38.39		550.23	
1/15/2035	51,184.00	511.84	51,695.84	38.39		51,734.23	52,284.46
7/15/2035							
	840,982.00	188,967.27	1,029,949.27	14,172.55	4,625.40	1,048,747.22	1,048,747.22

Notes:

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 18
Massachusetts Water Resources Authority Loan Amortization
CW-13-32

Initial Loan Amount	15,000,000.00	Loan Origination Fee ($5.50/1000)	82,500.00
Principal Forgiveness	-	Loan Term (in years)	30
Net Loan Obligation	15,000,000.00	Loan Rate	2.40%
		Closing Date	1/7/2015
		First Interest Payment	7/15/2015
		First Principal Payment	1/15/2016

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
1/7/2015							
7/15/2015		188,000.00	188,000.00	11,750.00	82,500.00	282,250.00	
1/15/2016	337,173.00	180,000.00	517,173.00	11,250.00		528,423.00	810,673.00
7/15/2016		175,953.92	175,953.92	10,997.12		186,951.04	
1/15/2017	345,882.00	175,953.92	521,835.92	10,997.12		532,833.04	719,784.09
7/15/2017		171,803.34	171,803.34	10,737.71		182,541.05	
1/15/2018	354,816.00	171,803.34	526,619.34	10,737.71		537,357.05	719,898.10
7/15/2018		167,545.55	167,545.55	10,471.60		178,017.14	
1/15/2019	363,980.00	167,545.55	531,525.55	10,471.60		541,997.14	720,014.29
7/15/2019		163,177.79	163,177.79	10,198.61		173,376.40	
1/15/2020	373,382.00	163,177.79	536,559.79	10,198.61		546,758.40	720,134.80
7/15/2020		158,697.20	158,697.20	9,918.58		168,615.78	
1/15/2021	383,026.00	158,697.20	541,723.20	9,918.58		551,641.78	720,257.56
7/15/2021		154,100.89	154,100.89	9,631.31		163,732.20	
1/15/2022	392,919.00	154,100.89	547,019.89	9,631.31		556,651.20	720,383.40
7/15/2022		149,385.86	149,385.86	9,336.62		158,722.48	
1/15/2023	403,068.00	149,385.86	552,453.86	9,336.62		561,790.48	720,512.96
7/15/2023		144,549.05	144,549.05	9,034.32		153,583.36	
1/15/2024	413,479.00	144,549.05	558,028.05	9,034.32		567,062.36	720,645.73
7/15/2024		139,587.30	139,587.30	8,724.21		148,311.51	
1/15/2025	424,159.00	139,587.30	563,746.30	8,724.21		572,470.51	720,782.01
7/15/2025		134,497.39	134,497.39	8,406.09		142,903.48	
1/15/2026	435,115.00	134,497.39	569,612.39	8,406.09		578,018.48	720,921.96
7/15/2026		129,276.01	129,276.01	8,079.75		137,355.76	
1/15/2027	446,353.00	129,276.01	575,629.01	8,079.75		583,708.76	721,064.53
7/15/2027		123,919.78	123,919.78	7,744.99		131,664.76	
1/15/2028	457,883.00	123,919.78	581,802.78	7,744.99		589,547.76	721,212.52
7/15/2028		118,425.18	118,425.18	7,401.57		125,826.75	
1/15/2029	469,709.00	118,425.18	588,134.18	7,401.57		595,535.75	721,362.51
7/15/2029		112,788.67	112,788.67	7,049.29		119,837.96	
1/15/2030	481,842.00	112,788.67	594,630.67	7,049.29		601,679.96	721,517.93
7/15/2030		107,006.57	107,006.57	6,687.91		113,694.48	
1/15/2031	494,287.00	107,006.57	601,293.57	6,687.91		607,981.48	721,675.96
7/15/2031		101,075.12	101,075.12	6,317.20		107,392.32	
1/15/2032	507,054.00	101,075.12	608,129.12	6,317.20		614,446.32	721,838.64
7/15/2032		94,990.48	94,990.48	5,936.90		100,927.38	
1/15/2033	520,151.00	94,990.48	615,141.48	5,936.90		621,078.38	722,005.76
7/15/2033		88,748.66	88,748.66	5,546.79		94,295.46	
1/15/2034	533,586.00	88,748.66	622,334.66	5,546.79		627,881.46	722,176.91
7/15/2034		82,345.63	82,345.63	5,146.60		87,492.23	
1/15/2035	547,369.00	82,345.63	629,714.63	5,146.60		634,861.23	722,353.47
7/15/2035		75,777.20	75,777.20	4,736.08		80,513.28	
1/15/2036	561,507.00	75,777.20	637,284.20	4,736.08		642,020.28	722,533.56
7/15/2036		69,039.12	69,039.12	4,314.95		73,354.07	
1/15/2037	576,010.00	69,039.12	645,049.12	4,314.95		649,364.07	722,718.13
7/15/2037		62,127.00	62,127.00	3,882.94		66,009.94	
1/15/2038	590,888.00	62,127.00	653,015.00	3,882.94		656,897.94	722,907.88
7/15/2038		55,036.34	55,036.34	3,439.77		58,476.12	
1/15/2039	606,150.00	55,036.34	661,186.34	3,439.77		664,626.12	723,102.23
7/15/2039		47,762.54	47,762.54	2,985.16		50,747.70	
1/15/2040	621,807.00	47,762.54	669,569.54	2,985.16		672,554.70	723,302.41
7/15/2040		40,300.86	40,300.86	2,518.80		42,819.66	
1/15/2041	637,868.00	40,300.86	678,168.86	2,518.80		680,687.66	723,507.33
7/15/2041		32,646.44	32,646.44	2,040.40		34,686.85	
1/15/2042	654,343.00	32,646.44	686,989.44	2,040.40		689,029.85	723,716.69
7/15/2042		24,794.33	24,794.33	1,549.65		26,343.97	
1/15/2043	671,244.00	24,794.33	696,038.33	1,549.65		697,587.97	723,931.95
7/15/2043		16,739.40	16,739.40	1,046.21		17,785.61	
1/15/2044	688,582.00	16,739.40	705,321.40	1,046.21		706,367.61	724,153.23
7/15/2044		8,476.42	8,476.42	529.78		9,006.19	
1/15/2045	706,368.00	8,476.42	714,844.42	529.78		715,374.19	724,380.38
	15,000,000.00	6,269,148.13	21,269,148.13	391,821.76	82,500.00	21,743,469.89	21,743,469.89

Notes:

Massachusetts Water Pollution Abatement Trust
Pool 16 - 2015 Swap
Massachusetts Water Resources Authority
CW-13-32-A

Original Loan Amount	-	Loan Origination Fee ($7.5/1000)	0.00
Principal Paid Down	-	Loan Term (in years)	18
Outstanding Loan Obligation	86,222.95	Loan Rate	2.00%
Remaining Balance	-	Closing Date	5/14/2015
Net New Loan Obligation	86,222.95	First Payment	7/15/2015

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/14/2015							
7/15/2015	3,965.35	292.20	4,257.55	64.67		4,322.22	
1/15/2016		822.58	822.58	61.69		884.27	5,206.48
7/15/2016	4,051.53	822.58	4,874.11	61.69		4,935.80	
1/15/2017		782.06	782.06	58.65		840.72	5,776.51
7/15/2017	4,139.58	782.06	4,921.65	58.65		4,980.30	
1/15/2018		740.66	740.66	55.55		796.21	5,776.51
7/15/2018	4,229.55	740.66	4,970.22	55.55		5,025.77	
1/15/2019		698.37	698.37	52.38		750.75	5,776.51
7/15/2019	4,321.48	698.37	5,019.85	52.38		5,072.22	
1/15/2020		655.15	655.15	49.14		704.29	5,776.51
7/15/2020	4,415.40	655.15	5,070.55	49.14		5,119.69	
1/15/2021		611.00	611.00	45.83		656.83	5,776.51
7/15/2021	4,511.36	611.00	5,122.36	45.83		5,168.19	
1/15/2022		565.89	565.89	42.44		608.33	5,776.51
7/15/2022	4,609.41	565.89	5,175.30	42.44		5,217.74	
1/15/2023		519.79	519.79	38.98		558.78	5,776.51
7/15/2023	4,709.59	519.79	5,229.38	38.98		5,268.37	
1/15/2024		472.70	472.70	35.45		508.15	5,776.51
7/15/2024	4,811.94	472.70	5,284.64	35.45		5,320.09	
1/15/2025		424.58	424.58	31.84		456.42	5,776.51
7/15/2025	4,916.53	424.58	5,341.10	31.84		5,372.95	
1/15/2026		375.41	375.41	28.16		403.57	5,776.51
7/15/2026	5,023.38	375.41	5,398.79	28.16		5,426.95	
1/15/2027		325.18	325.18	24.39		349.57	5,776.51
7/15/2027	5,132.56	325.18	5,457.73	24.39		5,482.12	
1/15/2028		273.85	273.85	20.54		294.39	5,776.51
7/15/2028	5,244.10	273.85	5,517.96	20.54		5,538.50	
1/15/2029		221.41	221.41	16.61		238.02	5,776.51
7/15/2029	5,358.08	221.41	5,579.49	16.61		5,596.10	
1/15/2030		167.83	167.83	12.59		180.42	5,776.51
7/15/2030	5,474.53	167.83	5,642.36	12.59		5,654.95	
1/15/2031		113.09	113.09	8.48		121.57	5,776.51
7/15/2031	5,593.51	113.09	5,706.60	8.48		5,715.08	
1/15/2032		57.15	57.15	4.29		61.44	5,776.51
7/15/2032	5,715.08	57.15	5,772.23	4.29		5,776.51	
1/15/2033							5,776.51
	86,222.95	15,945.61	102,168.56	1,238.67		103,407.23	103,407.23

Massachusetts Water Pollution Abatement Trust
Pool 16 - 2015 Swap
Massachusetts Water Resources Authority
CW-13-32-B

Original Loan Amount		Loan Origination Fee ($7.5/1000)	0.00
Principal Paid Down	-	Loan Term (in years)	18
Outstanding Loan Obligation	574,281.89	Loan Rate	2.00%
Remaining Balance	-	Closing Date	5/14/2015
Net New Loan Obligation	574,281.89	First Payment	7/15/2015

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/14/2015							
7/15/2015	55,037.57	1,946.18	56,983.75	430.71		57,414.46	
1/15/2016		5,192.44	5,192.44	389.43		5,581.88	62,996.34
7/15/2016	56,233.74	5,192.44	61,426.18	389.43		61,815.62	
1/15/2017		4,630.11	4,630.11	347.26		4,977.36	66,792.98
7/15/2017	57,455.90	4,630.11	62,086.01	347.26		62,433.27	
1/15/2018		4,055.55	4,055.55	304.17		4,359.71	66,792.98
7/15/2018	58,704.63	4,055.55	62,760.17	304.17		63,064.34	
1/15/2019		3,468.50	3,468.50	260.14		3,728.64	66,792.98
7/15/2019	59,980.49	3,468.50	63,448.99	260.14		63,709.13	
1/15/2020		2,868.70	2,868.70	215.15		3,083.85	66,792.98
7/15/2020	61,284.09	2,868.70	64,152.78	215.15		64,367.94	
1/15/2021		2,255.85	2,255.85	169.19		2,425.04	66,792.98
7/15/2021	16,656.24	2,255.85	18,912.10	169.19		19,081.28	
1/15/2022		2,089.29	2,089.29	156.70		2,245.99	21,327.27
7/15/2022	17,018.24	2,089.29	19,107.53	156.70		19,264.23	
1/15/2023		1,919.11	1,919.11	143.93		2,063.04	21,327.27
7/15/2023	17,388.11	1,919.11	19,307.22	143.93		19,451.15	
1/15/2024		1,745.23	1,745.23	130.89		1,876.12	21,327.27
7/15/2024	17,766.02	1,745.23	19,511.25	130.89		19,642.14	
1/15/2025		1,567.57	1,567.57	117.57		1,685.14	21,327.27
7/15/2025	18,152.14	1,567.57	19,719.71	117.57		19,837.27	
1/15/2026		1,386.05	1,386.05	103.95		1,490.00	21,327.27
7/15/2026	18,546.65	1,386.05	19,932.70	103.95		20,036.65	
1/15/2027		1,200.58	1,200.58	90.04		1,290.62	21,327.27
7/15/2027	18,949.74	1,200.58	20,150.32	90.04		20,240.36	
1/15/2028		1,011.08	1,011.08	75.83		1,086.91	21,327.27
7/15/2028	19,361.58	1,011.08	20,372.67	75.83		20,448.50	
1/15/2029		817.47	817.47	61.31		878.78	21,327.27
7/15/2029	19,782.38	817.47	20,599.85	61.31		20,661.16	
1/15/2030		619.64	619.64	46.47		666.12	21,327.27
7/15/2030	20,212.32	619.64	20,831.97	46.47		20,878.44	
1/15/2031		417.52	417.52	31.31		448.83	21,327.27
7/15/2031	20,651.61	417.52	21,069.13	31.31		21,100.44	
1/15/2032		211.00	211.00	15.83		226.83	21,327.27
7/15/2032	21,100.44	211.00	21,311.45	15.83		21,327.27	
1/15/2033				-			21,327.27
	574,281.89	72,857.56	647,139.45	5,749.07		652,888.52	652,888.52

Massachusetts Water Pollution Abatement Trust
Pool 17 - 2015 Swap
Massachusetts Water Resources Authority
CW-13-32-C

Original Loan Amount	-	Loan Origination Fee ($7.5/1000)	0.00
Principal Paid Down	-	Loan Term (in years)	18
Outstanding Loan Obligation	2,075,393.29	Loan Rate	2.00%
Remaining Balance	-	Closing Date	5/14/2015
Net New Loan Obligation	2,075,393.29	First Payment	7/15/2015

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/14/2015							
7/15/2015		7,033.28	7,033.28	1,556.54		8,589.82	
1/15/2016	98,685.23	20,753.93	119,439.16	1,556.54		120,995.71	129,585.53
7/15/2016		19,767.08	19,767.08	1,482.53		21,249.61	
1/15/2017	100,830.02	19,767.08	120,597.10	1,482.53		122,079.63	143,329.24
7/15/2017		18,758.78	18,758.78	1,406.91		20,165.69	
1/15/2018	103,021.42	18,758.78	121,780.20	1,406.91		123,187.11	143,352.80
7/15/2018		17,728.57	17,728.57	1,329.64		19,058.21	
1/15/2019	105,260.45	17,728.57	122,989.02	1,329.64		124,318.66	143,376.87
7/15/2019		16,675.96	16,675.96	1,250.70		17,926.66	
1/15/2020	107,548.15	16,675.96	124,224.11	1,250.70		125,474.80	143,401.46
7/15/2020		15,600.48	15,600.48	1,170.04		16,770.52	
1/15/2021	109,885.56	15,600.48	125,486.04	1,170.04		126,656.07	143,426.59
7/15/2021		14,501.62	14,501.62	1,087.62		15,589.25	
1/15/2022	112,273.77	14,501.62	126,775.40	1,087.62		127,863.02	143,452.26
7/15/2022		13,378.89	13,378.89	1,003.42		14,382.30	
1/15/2023	114,713.89	13,378.89	128,092.78	1,003.42		129,096.19	143,478.49
7/15/2023		12,231.75	12,231.75	917.38		13,149.13	
1/15/2024	117,207.04	12,231.75	129,438.79	917.38		130,356.17	143,505.30
7/15/2024		11,059.68	11,059.68	829.48		11,889.15	
1/15/2025	119,754.37	11,059.68	130,814.05	829.48		131,643.53	143,532.68
7/15/2025		9,862.13	9,862.13	739.66		10,601.79	
1/15/2026	122,357.07	9,862.13	132,219.21	739.66		132,958.87	143,560.66
7/15/2026		8,638.56	8,638.56	647.89		9,286.46	
1/15/2027	125,016.34	8,638.56	133,654.90	647.89		134,302.79	143,589.25
7/15/2027		7,388.40	7,388.40	554.13		7,942.53	
1/15/2028	127,733.40	7,388.40	135,121.79	554.13		135,675.92	143,618.45
7/15/2028		6,111.07	6,111.07	458.33		6,569.40	
1/15/2029	130,509.51	6,111.07	136,620.57	458.33		137,078.90	143,648.30
7/15/2029		4,805.97	4,805.97	360.45		5,166.42	
1/15/2030	133,345.95	4,805.97	138,151.92	360.45		138,512.37	143,678.79
7/15/2030		3,472.51	3,472.51	260.44		3,732.95	
1/15/2031	136,244.04	3,472.51	139,716.56	260.44		139,976.99	143,709.94
7/15/2031		2,110.07	2,110.07	158.26		2,268.33	
1/15/2032	104,369.38	2,110.07	106,479.45	158.26		106,637.70	108,906.03
7/15/2032		1,066.38	1,066.38	79.98		1,146.36	
1/15/2033	106,637.70	1,066.38	107,704.08	79.98		107,784.06	108,930.41
7/15/2033							
	2,075,393.29	394,103.01	2,469,496.30	30,586.77		2,500,083.07	2,500,083.07

Massachusetts Water Pollution Abatement Trust
Pool 17 - 2015 Swap
Massachusetts Water Resources Authority
CW-13-32-D

Original Loan Amount	-	Loan Origination Fee ($7.5/1000)	0.00
Principal Paid Down	-	Loan Term (in years)	18
Outstanding Loan Obligation	420,447.50	Loan Rate	2.00%
Remaining Balance	-	Closing Date	5/14/2015
Net New Loan Obligation	420,447.50	First Payment	7/15/2015

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/14/2015							
7/15/2015	11,590.39	1,424.85	13,015.24	315.34		13,330.58	
1/15/2016	11,642.41	4,088.57	15,730.98	306.64		16,037.63	29,368.21
7/15/2016	11,842.30	3,972.15	15,814.44	297.91		16,112.35	
1/15/2017	11,895.44	3,853.72	15,749.17	289.03		16,038.20	32,150.55
7/15/2017	12,099.67	3,734.77	15,834.44	280.11		16,114.55	
1/15/2018	12,153.98	3,613.77	15,767.75	271.03		16,038.78	32,153.33
7/15/2018	12,362.64	3,492.23	15,854.87	261.92		16,116.79	
1/15/2019	12,418.13	3,368.61	15,786.73	252.65		16,039.38	32,156.17
7/15/2019	10,534.46	3,244.43	13,778.88	243.33		14,022.21	
1/15/2020	12,688.02	3,139.08	15,827.10	235.43		16,062.53	30,084.74
7/15/2020	10,763.41	3,012.20	13,775.61	225.92		14,001.52	
1/15/2021	12,963.77	2,904.57	15,868.34	217.84		16,086.18	30,087.71
7/15/2021	10,997.34	2,774.93	13,772.26	208.12		13,980.38	
1/15/2022	13,245.52	2,664.96	15,910.48	199.87		16,110.35	30,090.73
7/15/2022	11,236.35	2,532.50	13,768.85	189.94		13,958.79	
1/15/2023	13,533.40	2,420.14	15,953.53	181.51		16,135.04	30,093.83
7/15/2023	11,480.55	2,284.80	13,765.36	171.36		13,936.72	
1/15/2024	13,827.53	2,170.00	15,997.52	162.75		16,160.27	30,096.99
7/15/2024	11,730.07	2,031.72	13,761.79	152.38		13,914.17	
1/15/2025	14,128.05	1,914.42	16,042.47	143.58		16,186.05	30,100.22
7/15/2025	11,985.01	1,773.14	13,758.15	132.99		13,891.13	
1/15/2026	14,435.10	1,653.29	16,088.39	124.00		16,212.39	30,103.52
7/15/2026	12,245.48	1,508.94	13,754.42	113.17		13,867.59	
1/15/2027	14,748.83	1,386.49	16,135.31	103.99		16,239.30	30,106.89
7/15/2027	12,511.62	1,239.00	13,750.62	92.92		13,843.54	
1/15/2028	15,069.38	1,113.88	16,183.26	83.54		16,266.80	30,110.34
7/15/2028	12,783.54	963.19	13,746.73	72.24		13,818.97	
1/15/2029	15,396.89	835.35	16,232.24	62.65		16,294.89	30,113.86
7/15/2029	757.66	681.38	1,439.04	51.10		1,490.14	
1/15/2030	15,731.52	673.81	16,405.32	50.54		16,455.86	17,946.00
7/15/2030	774.12	516.49	1,290.61	38.74		1,329.35	
1/15/2031	16,073.42	508.75	16,582.17	38.16		16,620.33	17,949.68
7/15/2031	790.95	348.02	1,138.96	26.10		1,165.06	
1/15/2032	16,422.76	340.11	16,762.86	25.51		16,788.37	17,953.43
7/15/2032	808.14	175.88	984.02	13.19		997.21	
1/15/2033	16,779.68	167.80	16,947.48	12.58		16,960.06	17,957.27
7/15/2033							
	420,447.50	72,527.91	492,975.41	5,648.07		498,623.47	498,623.47

Prepared by Public Financial Management, Inc.

Massachusetts Water Pollution Abatement Trust
Pool 17 - 2015 Swap
Massachusetts Water Resources Authority
CW-13-32-E

Original Loan Amount	-	Loan Origination Fee ($7.5/1000)	0.00
Principal Paid Down	-	Loan Term (in years)	28
Outstanding Loan Obligation	231,806.52	Loan Rate	2.40%
Remaining Balance	-	Closing Date	5/14/2015
Net New Loan Obligation	231,806.52	First Payment	7/15/2015

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/14/2015							
7/15/2015		942.68	942.68	173.85		1,116.53	
1/15/2016	5,744.84	2,781.68	8,526.52	173.85		8,700.38	9,816.91
7/15/2016		2,712.74	2,712.74	169.55		2,882.29	
1/15/2017	5,893.23	2,712.74	8,605.97	169.55		8,775.52	11,657.80
7/15/2017		2,642.02	2,642.02	165.13		2,807.15	
1/15/2018	6,045.45	2,642.02	8,687.47	165.13		8,852.60	11,659.74
7/15/2018		2,569.48	2,569.48	160.59		2,730.07	
1/15/2019	6,201.60	2,569.48	8,771.07	160.59		8,931.67	11,661.73
7/15/2019		2,495.06	2,495.06	155.94		2,651.00	
1/15/2020	6,361.78	2,495.06	8,856.84	155.94		9,012.78	11,663.78
7/15/2020		2,418.72	2,418.72	151.17		2,569.89	
1/15/2021	6,526.10	2,418.72	8,944.82	151.17		9,095.99	11,665.87
7/15/2021		2,340.40	2,340.40	146.28		2,486.68	
1/15/2022	6,694.67	2,340.40	9,035.07	146.28		9,181.34	11,668.02
7/15/2022		2,260.07	2,260.07	141.25		2,401.32	
1/15/2023	6,867.58	2,260.07	9,127.65	141.25		9,268.90	11,670.23
7/15/2023		2,177.66	2,177.66	136.10		2,313.76	
1/15/2024	7,044.97	2,177.66	9,222.62	136.10		9,358.73	11,672.49
7/15/2024		2,093.12	2,093.12	130.82		2,223.94	
1/15/2025	7,226.94	2,093.12	9,320.05	130.82		9,450.87	11,674.81
7/15/2025		2,006.39	2,006.39	125.40		2,131.79	
1/15/2026	7,413.60	2,006.39	9,420.00	125.40		9,545.39	11,677.19
7/15/2026		1,917.43	1,917.43	119.84		2,037.27	
1/15/2027	7,605.09	1,917.43	9,522.52	119.84		9,642.36	11,679.63
7/15/2027		1,826.17	1,826.17	114.14		1,940.30	
1/15/2028	7,801.53	1,826.17	9,627.69	114.14		9,741.83	11,682.13
7/15/2028		1,732.55	1,732.55	108.28		1,840.83	
1/15/2029	8,003.03	1,732.55	9,735.58	108.28		9,843.87	11,684.70
7/15/2029		1,636.51	1,636.51	102.28		1,738.80	
1/15/2030	8,209.75	1,636.51	9,846.26	102.28		9,948.54	11,687.34
7/15/2030		1,538.00	1,538.00	96.12		1,634.12	
1/15/2031	8,421.80	1,538.00	9,959.80	96.12		10,055.92	11,690.04
7/15/2031		1,436.93	1,436.93	89.81		1,526.74	
1/15/2032	8,639.33	1,436.93	10,076.26	89.81		10,166.07	11,692.81
7/15/2032		1,333.26	1,333.26	83.33		1,416.59	
1/15/2033	8,862.48	1,333.26	10,195.74	83.33		10,279.07	11,695.66
7/15/2033		1,226.91	1,226.91	76.68		1,303.60	
1/15/2034	9,091.39	1,226.91	10,318.30	76.68		10,394.98	11,698.58
7/15/2034		1,117.82	1,117.82	69.86		1,187.68	
1/15/2035	9,326.21	1,117.82	10,444.03	69.86		10,513.89	11,701.57
7/15/2035		1,005.90	1,005.90	62.87		1,068.77	
1/15/2036	9,567.10	1,005.90	10,573.00	62.87		10,635.87	11,704.64
7/15/2036		891.10	891.10	55.69		946.79	
1/15/2037	9,814.21	891.10	10,705.31	55.69		10,761.00	11,707.79
7/15/2037		773.33	773.33	48.33		821.66	
1/15/2038	10,067.71	773.33	10,841.03	48.33		10,889.37	11,711.03
7/15/2038		652.51	652.51	40.78		693.30	
1/15/2039	10,327.75	652.51	10,980.26	40.78		11,021.05	11,714.34
7/15/2039		528.58	528.58	33.04		561.62	
1/15/2040	10,594.51	528.58	11,123.09	33.04		11,156.13	11,717.74
7/15/2040		401.45	401.45	25.09		426.54	
1/15/2041	10,868.16	401.45	11,269.60	25.09		11,294.70	11,721.23
7/15/2041		271.03	271.03	16.94		287.97	
1/15/2042	11,148.88	271.03	11,419.90	16.94		11,436.84	11,724.81
7/15/2042		137.24	137.24	8.58		145.82	
1/15/2043	11,436.84	137.24	11,574.09	8.58		11,582.66	11,728.48
7/15/2043							
	231,806.52	88,009.08	319,815.60	5,615.51		325,431.11	325,431.11

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 19
MWRA Loan Amortization
CW-13-32-F

Initial Loan Amount	2,611,847.00	Loan Origination Fee ($5.50/1000)	14,365.16
Principal Forgiveness		Loan Term (in years)	30
Net Loan Obligation	2,611,847.00	Loan Rate	2.40%
		Closing Date	2/11/2016
		First Interest Payment	7/15/2016
		First Principal Payment	1/15/2017

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
2/11/2016							
7/15/2016		26,814.96	26,814.96	1,675.94	14,365.16	42,856.06	
1/15/2017	58,710.00	31,342.16	90,052.16	1,958.89		92,011.05	134,867.11
7/15/2017		30,637.64	30,637.64	1,914.85		32,552.50	
1/15/2018	60,226.00	30,637.64	90,863.64	1,914.85		92,778.50	125,330.99
7/15/2018		29,914.93	29,914.93	1,869.68		31,784.62	
1/15/2019	61,782.00	29,914.93	91,696.93	1,869.68		93,566.62	125,351.23
7/15/2019		29,173.55	29,173.55	1,823.35		30,996.89	
1/15/2020	63,377.00	29,173.55	92,550.55	1,823.35		94,373.89	125,370.79
7/15/2020		28,413.02	28,413.02	1,775.81		30,188.84	
1/15/2021	65,014.00	28,413.02	93,427.02	1,775.81		95,202.84	125,391.68
7/15/2021		27,632.86	27,632.86	1,727.05		29,359.91	
1/15/2022	66,694.00	27,632.86	94,326.86	1,727.05		96,053.91	125,413.82
7/15/2022		26,832.53	26,832.53	1,677.03		28,509.56	
1/15/2023	68,416.00	26,832.53	95,248.53	1,677.03		96,925.56	125,435.12
7/15/2023		26,011.54	26,011.54	1,625.72		27,637.26	
1/15/2024	70,183.00	26,011.54	96,194.54	1,625.72		97,820.26	125,457.51
7/15/2024		25,169.34	25,169.34	1,573.08		26,742.42	
1/15/2025	71,996.00	25,169.34	97,165.34	1,573.08		98,738.42	125,480.85
7/15/2025		24,305.39	24,305.39	1,519.09		25,824.47	
1/15/2026	73,856.00	24,305.39	98,161.39	1,519.09		99,680.47	125,504.95
7/15/2026		23,419.12	23,419.12	1,463.69		24,882.81	
1/15/2027	75,764.00	23,419.12	99,183.12	1,463.69		100,646.81	125,529.62
7/15/2027		22,509.95	22,509.95	1,406.87		23,916.82	
1/15/2028	77,720.00	22,509.95	100,229.95	1,406.87		101,636.82	125,553.64
7/15/2028		21,577.31	21,577.31	1,348.58		22,925.89	
1/15/2029	79,728.00	21,577.31	101,305.31	1,348.58		102,653.89	125,579.78
7/15/2029		20,620.57	20,620.57	1,288.79		21,909.36	
1/15/2030	81,787.00	20,620.57	102,407.57	1,288.79		103,696.36	125,605.72
7/15/2030		19,639.13	19,639.13	1,227.45		20,866.57	
1/15/2031	83,900.00	19,639.13	103,539.13	1,227.45		104,766.57	125,633.15
7/15/2031		18,632.33	18,632.33	1,164.52		19,796.85	
1/15/2032	86,067.00	18,632.33	104,699.33	1,164.52		105,863.85	125,660.70
7/15/2032		17,599.52	17,599.52	1,099.97		18,699.49	
1/15/2033	88,290.00	17,599.52	105,889.52	1,099.97		106,989.49	125,688.99
7/15/2033		16,540.04	16,540.04	1,033.75		17,573.80	
1/15/2034	90,570.00	16,540.04	107,110.04	1,033.75		108,143.80	125,717.59
7/15/2034		15,453.20	15,453.20	965.83		16,419.03	
1/15/2035	92,910.00	15,453.20	108,363.20	965.83		109,329.03	125,748.06
7/15/2035		14,338.28	14,338.28	896.14		15,234.43	
1/15/2036	95,310.00	14,338.28	109,648.28	896.14		110,544.43	125,778.85
7/15/2036		13,194.56	13,194.56	824.66		14,019.22	
1/15/2037	97,771.00	13,194.56	110,965.56	824.66		111,790.22	125,809.45
7/15/2037		12,021.31	12,021.31	751.33		12,772.64	
1/15/2038	100,297.00	12,021.31	112,318.31	751.33		113,069.64	125,842.29
7/15/2038		10,817.75	10,817.75	676.11		11,493.86	
1/15/2039	102,887.00	10,817.75	113,704.75	676.11		114,380.86	125,874.71
7/15/2039		9,583.10	9,583.10	598.94		10,182.05	
1/15/2040	105,545.00	9,583.10	115,128.10	598.94		115,727.05	125,909.10
7/15/2040		8,316.56	8,316.56	519.79		8,836.35	
1/15/2041	108,271.00	8,316.56	116,587.56	519.79		117,107.35	125,943.70
7/15/2041		7,017.31	7,017.31	438.58		7,455.89	
1/15/2042	111,068.00	7,017.31	118,085.31	438.58		118,523.89	125,979.79
7/15/2042		5,684.50	5,684.50	355.28		6,039.78	
1/15/2043	113,936.00	5,684.50	119,620.50	355.28		119,975.78	126,015.55
7/15/2043		4,317.26	4,317.26	269.83		4,587.09	
1/15/2044	116,879.00	4,317.26	121,196.26	269.83		121,466.09	126,053.19
7/15/2044		2,914.72	2,914.72	182.17		3,096.89	
1/15/2045	119,898.00	2,914.72	122,812.72	182.17		122,994.89	126,091.77
7/15/2045		1,475.94	1,475.94	92.25		1,568.19	
1/15/2046	122,995.00	1,475.94	124,470.94	92.25		124,563.19	126,131.37
	2,611,847.00	1,085,683.67	3,697,530.67	67,855.23	14,365.16	3,779,751.06	3,779,751.06

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 19
MWRA Loan Amortization
CW-14-34

Initial Loan Amount	29,600,000.00	Loan Origination Fee ($5.50/1000)	162,800.00
Principal Forgiveness		Loan Term (in years)	30
Net Loan Obligation	29,600,000.00	Loan Rate	2.40%
		Closing Date	2/11/2016
		First Interest Payment	7/15/2016
		First Principal Payment	1/15/2017

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
2/11/2016							
7/15/2016		303,893.33	303,893.33	18,993.33	162,800.00	485,686.67	
1/15/2017	665,355.00	355,200.00	1,020,555.00	22,200.00		1,042,755.00	1,528,441.67
7/15/2017		347,215.74	347,215.74	21,700.98		368,916.72	
1/15/2018	682,540.00	347,215.74	1,029,755.74	21,700.98		1,051,456.72	1,420,373.45
7/15/2018		339,025.26	339,025.26	21,189.08		360,214.34	
1/15/2019	700,170.00	339,025.26	1,039,195.26	21,189.08		1,060,384.34	1,420,598.68
7/15/2019		330,623.22	330,623.22	20,663.95		351,287.17	
1/15/2020	718,255.00	330,623.22	1,048,878.22	20,663.95		1,069,542.17	1,420,829.34
7/15/2020		322,004.16	322,004.16	20,125.26		342,129.42	
1/15/2021	736,807.00	322,004.16	1,058,811.16	20,125.26		1,078,936.42	1,421,065.84
7/15/2021		313,162.48	313,162.48	19,572.65		332,735.13	
1/15/2022	755,838.00	313,162.48	1,069,000.48	19,572.65		1,088,573.13	1,421,308.26
7/15/2022		304,092.42	304,092.42	19,005.78		323,098.20	
1/15/2023	775,361.00	304,092.42	1,079,453.42	19,005.78		1,098,459.20	1,421,557.39
7/15/2023		294,788.09	294,788.09	18,424.26		313,212.34	
1/15/2024	795,388.00	294,788.09	1,090,176.09	18,424.26		1,108,600.34	1,421,812.69
7/15/2024		285,243.43	285,243.43	17,827.71		303,071.15	
1/15/2025	815,932.00	285,243.43	1,101,175.43	17,827.71		1,119,003.15	1,422,074.29
7/15/2025		275,452.25	275,452.25	17,215.77		292,668.01	
1/15/2026	837,007.00	275,452.25	1,112,459.25	17,215.77		1,129,675.01	1,422,343.03
7/15/2026		265,408.16	265,408.16	16,588.01		281,996.17	
1/15/2027	858,626.00	265,408.16	1,124,034.16	16,588.01		1,140,622.17	1,422,618.35
7/15/2027		255,104.65	255,104.65	15,944.04		271,048.69	
1/15/2028	880,804.00	255,104.65	1,135,908.65	15,944.04		1,151,852.69	1,422,901.39
7/15/2028		244,535.00	244,535.00	15,283.44		259,818.44	
1/15/2029	903,555.00	244,535.00	1,148,090.00	15,283.44		1,163,373.44	1,423,191.88
7/15/2029		233,692.34	233,692.34	14,605.77		248,298.12	
1/15/2030	926,893.00	233,692.34	1,160,585.34	14,605.77		1,175,191.12	1,423,489.23
7/15/2030		222,569.63	222,569.63	13,910.60		236,480.23	
1/15/2031	950,834.00	222,569.63	1,173,403.63	13,910.60		1,187,314.23	1,423,794.46
7/15/2031		211,159.62	211,159.62	13,197.48		224,357.10	
1/15/2032	975,393.00	211,159.62	1,186,552.62	13,197.48		1,199,750.10	1,424,107.19
7/15/2032		199,454.90	199,454.90	12,465.93		211,920.84	
1/15/2033	1,000,587.00	199,454.90	1,200,041.90	12,465.93		1,212,507.84	1,424,428.67
7/15/2033		187,447.86	187,447.86	11,715.49		199,163.35	
1/15/2034	1,026,432.00	187,447.86	1,213,879.86	11,715.49		1,225,595.35	1,424,758.70
7/15/2034		175,130.68	175,130.68	10,945.67		186,076.34	
1/15/2035	1,052,944.00	175,130.68	1,228,074.68	10,945.67		1,239,020.34	1,425,096.69
7/15/2035		162,495.35	162,495.35	10,155.96		172,651.31	
1/15/2036	1,080,140.00	162,495.35	1,242,635.35	10,155.96		1,252,791.31	1,425,442.61
7/15/2036		149,533.67	149,533.67	9,345.85		158,879.52	
1/15/2037	1,108,040.00	149,533.67	1,257,573.67	9,345.85		1,266,919.52	1,425,799.04
7/15/2037		136,237.19	136,237.19	8,514.82		144,752.01	
1/15/2038	1,136,660.00	136,237.19	1,272,897.19	8,514.82		1,281,412.01	1,426,164.02
7/15/2038		122,597.27	122,597.27	7,662.33		130,259.60	
1/15/2039	1,166,019.00	122,597.27	1,288,616.27	7,662.33		1,296,278.60	1,426,538.19
7/15/2039		108,605.04	108,605.04	6,787.82		115,392.86	
1/15/2040	1,196,136.00	108,605.04	1,304,741.04	6,787.82		1,311,528.86	1,426,921.71
7/15/2040		94,251.41	94,251.41	5,890.71		100,142.12	
1/15/2041	1,227,032.00	94,251.41	1,321,283.41	5,890.71		1,327,174.12	1,427,316.24
7/15/2041		79,527.02	79,527.02	4,970.44		84,497.46	
1/15/2042	1,258,725.00	79,527.02	1,338,252.02	4,970.44		1,343,222.46	1,427,719.93
7/15/2042		64,422.32	64,422.32	4,026.40		68,448.72	
1/15/2043	1,291,237.00	64,422.32	1,355,659.32	4,026.40		1,359,685.72	1,428,134.44
7/15/2043		48,927.48	48,927.48	3,057.97		51,985.45	
1/15/2044	1,324,589.00	48,927.48	1,373,516.48	3,057.97		1,376,574.45	1,428,559.90
7/15/2044		33,032.41	33,032.41	2,064.53		35,096.94	
1/15/2045	1,358,802.00	33,032.41	1,391,834.41	2,064.53		1,393,898.94	1,428,995.88
7/15/2045		16,726.79	16,726.79	1,045.42		17,772.21	
1/15/2046	1,393,899.00	16,726.79	1,410,625.79	1,045.42		1,411,671.21	1,429,443.42
	29,600,000.00	12,304,025.02	41,904,025.02	769,001.56	162,800.00	42,835,826.59	42,835,826.59

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 19
MWRA Loan Amortization
CW-14-37

Initial Loan Amount	6,255,873.00	Loan Origination Fee ($5.50/1000)	34,407.30
Principal Forgiveness		Loan Term (in years)	15
Net Loan Obligation	6,255,873.00	Loan Rate	2.00%
		Closing Date	2/11/2016
		First Interest Payment	7/15/2016
		First Principal Payment	1/15/2017

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
2/11/2016							
7/15/2016		53,522.47	53,522.47	4,014.19	34,407.30	91,943.96	
1/15/2017	357,240.00	62,558.73	419,798.73	4,691.90		424,490.63	516,434.59
7/15/2017		58,986.33	58,986.33	4,423.97		63,410.30	
1/15/2018	365,005.00	58,986.33	423,991.33	4,423.97		428,415.30	491,825.61
7/15/2018		55,336.28	55,336.28	4,150.22		59,486.50	
1/15/2019	372,937.00	55,336.28	428,273.28	4,150.22		432,423.50	491,910.00
7/15/2019		51,606.91	51,606.91	3,870.52		55,477.43	
1/15/2020	381,043.00	51,606.91	432,649.91	3,870.52		436,520.43	491,997.86
7/15/2020		47,796.48	47,796.48	3,584.74		51,381.22	
1/15/2021	389,324.00	47,796.48	437,120.48	3,584.74		440,705.22	492,086.43
7/15/2021		43,903.24	43,903.24	3,292.74		47,195.98	
1/15/2022	397,786.00	43,903.24	441,689.24	3,292.74		444,981.98	492,177.97
7/15/2022		39,925.38	39,925.38	2,994.40		42,919.78	
1/15/2023	406,431.00	39,925.38	446,356.38	2,994.40		449,350.78	492,270.57
7/15/2023		35,861.07	35,861.07	2,689.58		38,550.65	
1/15/2024	415,264.00	35,861.07	451,125.07	2,689.58		453,814.65	492,365.30
7/15/2024		31,708.43	31,708.43	2,378.13		34,086.56	
1/15/2025	424,289.00	31,708.43	455,997.43	2,378.13		458,375.56	492,462.12
7/15/2025		27,465.54	27,465.54	2,059.92		29,525.46	
1/15/2026	433,511.00	27,465.54	460,976.54	2,059.92		463,036.46	492,561.91
7/15/2026		23,130.43	23,130.43	1,734.78		24,865.21	
1/15/2027	442,933.00	23,130.43	466,063.43	1,734.78		467,798.21	492,663.42
7/15/2027		18,701.10	18,701.10	1,402.58		20,103.68	
1/15/2028	452,559.00	18,701.10	471,260.10	1,402.58		472,662.68	492,766.37
7/15/2028		14,175.51	14,175.51	1,063.16		15,238.67	
1/15/2029	462,395.00	14,175.51	476,570.51	1,063.16		477,633.67	492,872.35
7/15/2029		9,551.56	9,551.56	716.37		10,267.93	
1/15/2030	472,444.00	9,551.56	481,995.56	716.37		482,711.93	492,979.85
7/15/2030		4,827.12	4,827.12	362.03		5,189.15	
1/15/2031	482,712.00	4,827.12	487,539.12	362.03		487,901.15	493,090.31
7/15/2031							
	6,255,873.00	1,042,031.96	7,297,904.96	78,152.40	34,407.30	7,410,464.66	7,410,464.66

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 19
MWRA Loan Amortization
CW-14-38

Initial Loan Amount	813,700.00	Loan Origination Fee ($5.50/1000)	4,475.35
Principal Forgiveness		Loan Term (in years)	10
Net Loan Obligation	813,700.00	Loan Rate	2.00%
		Closing Date	2/11/2016
		First Interest Payment	7/15/2016
		First Principal Payment	1/15/2017

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
2/11/2016							
7/15/2016		6,961.66	6,961.66	522.12	4,475.35	11,959.13	
1/15/2017	73,725.00	8,137.00	81,862.00	610.28		82,472.28	94,431.40
7/15/2017		7,399.75	7,399.75	554.98		7,954.73	
1/15/2018	75,328.00	7,399.75	82,727.75	554.98		83,282.73	91,237.46
7/15/2018		6,646.47	6,646.47	498.49		7,144.96	
1/15/2019	76,965.00	6,646.47	83,611.47	498.49		84,109.96	91,254.91
7/15/2019		5,876.82	5,876.82	440.76		6,317.58	
1/15/2020	78,637.00	5,876.82	84,513.82	440.76		84,954.58	91,272.16
7/15/2020		5,090.45	5,090.45	381.78		5,472.23	
1/15/2021	80,347.00	5,090.45	85,437.45	381.78		85,819.23	91,291.47
7/15/2021		4,286.98	4,286.98	321.52		4,608.50	
1/15/2022	82,093.00	4,286.98	86,379.98	321.52		86,701.50	91,310.01
7/15/2022		3,466.05	3,466.05	259.95		3,726.00	
1/15/2023	83,877.00	3,466.05	87,343.05	259.95		87,603.00	91,329.01
7/15/2023		2,627.28	2,627.28	197.05		2,824.33	
1/15/2024	85,700.00	2,627.28	88,327.28	197.05		88,524.33	91,348.65
7/15/2024		1,770.28	1,770.28	132.77		1,903.05	
1/15/2025	87,562.00	1,770.28	89,332.28	132.77		89,465.05	91,368.10
7/15/2025		894.66	894.66	67.10		961.76	
1/15/2026	89,466.00	894.66	90,360.66	67.10		90,427.76	91,389.52
7/15/2026							
	813,700.00	91,216.14	904,916.14	6,841.21	4,475.35	916,232.70	916,232.70

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 18
Massachusetts Water Resources Authority Loan Amortization
DW-12-17

Initial Loan Amount	5,000,000.00	Loan Origination Fee ($5.50/1000)	27,500.00
Principal Forgiveness	-	Loan Term (in years)	20
Net Loan Obligation	5,000,000.00	Loan Rate	2.00%
		Closing Date	1/7/2015
		First Interest Payment	7/15/2015
		First Principal Payment	1/15/2016

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
1/7/2015							
7/15/2015		52,222.22	52,222.22	3,916.67	27,500.00	83,638.89	
1/15/2016	202,255.00	50,000.00	252,255.00	3,750.00		256,005.00	339,643.89
7/15/2016		47,977.45	47,977.45	3,598.31		51,575.76	
1/15/2017	206,651.00	47,977.45	254,628.45	3,598.31		258,226.76	309,802.52
7/15/2017		45,910.94	45,910.94	3,443.32		49,354.26	
1/15/2018	211,142.00	45,910.94	257,052.94	3,443.32		260,496.26	309,850.52
7/15/2018		43,799.52	43,799.52	3,284.96		47,084.48	
1/15/2019	215,731.00	43,799.52	259,530.52	3,284.96		262,815.48	309,899.97
7/15/2019		41,642.21	41,642.21	3,123.17		44,765.38	
1/15/2020	220,420.00	41,642.21	262,062.21	3,123.17		265,185.38	309,950.75
7/15/2020		39,438.01	39,438.01	2,957.85		42,395.86	
1/15/2021	225,210.00	39,438.01	264,648.01	2,957.85		267,605.86	310,001.72
7/15/2021		37,185.91	37,185.91	2,788.94		39,974.85	
1/15/2022	230,105.00	37,185.91	267,290.91	2,788.94		270,079.85	310,054.71
7/15/2022		34,884.86	34,884.86	2,616.36		37,501.22	
1/15/2023	235,106.00	34,884.86	269,990.86	2,616.36		272,607.22	310,108.45
7/15/2023		32,533.80	32,533.80	2,440.04		34,973.84	
1/15/2024	240,215.00	32,533.80	272,748.80	2,440.04		275,188.84	310,162.67
7/15/2024		30,131.65	30,131.65	2,259.87		32,391.52	
1/15/2025	245,436.00	30,131.65	275,567.65	2,259.87		277,827.52	310,219.05
7/15/2025		27,677.29	27,677.29	2,075.80		29,753.09	
1/15/2026	250,770.00	27,677.29	278,447.29	2,075.80		280,523.09	310,276.17
7/15/2026		25,169.59	25,169.59	1,887.72		27,057.31	
1/15/2027	256,221.00	25,169.59	281,390.59	1,887.72		283,278.31	310,335.62
7/15/2027		22,607.38	22,607.38	1,695.55		24,302.93	
1/15/2028	261,789.00	22,607.38	284,396.38	1,695.55		286,091.93	310,394.87
7/15/2028		19,989.49	19,989.49	1,499.21		21,488.70	
1/15/2029	267,479.00	19,989.49	287,468.49	1,499.21		288,967.70	310,456.40
7/15/2029		17,314.70	17,314.70	1,298.60		18,613.30	
1/15/2030	273,292.00	17,314.70	290,606.70	1,298.60		291,905.30	310,518.61
7/15/2030		14,581.78	14,581.78	1,093.63		15,675.41	
1/15/2031	279,232.00	14,581.78	293,813.78	1,093.63		294,907.41	310,582.83
7/15/2031		11,789.46	11,789.46	884.21		12,673.67	
1/15/2032	285,300.00	11,789.46	297,089.46	884.21		297,973.67	310,647.34
7/15/2032		8,936.46	8,936.46	670.23		9,606.69	
1/15/2033	291,501.00	8,936.46	300,437.46	670.23		301,107.69	310,714.39
7/15/2033		6,021.45	6,021.45	451.61		6,473.06	
1/15/2034	297,836.00	6,021.45	303,857.45	451.61		304,309.06	310,782.12
7/15/2034		3,043.09	3,043.09	228.23		3,271.32	
1/15/2035	304,309.00	3,043.09	307,352.09	228.23		307,580.32	310,851.64
7/15/2035							
	5,000,000.00	1,123,492.30	6,123,492.30	84,261.92	27,500.00	6,235,254.22	6,235,254.22

Notes:

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 18
Massachusetts Water Resources Authority Loan Amortization
DW-12-20

Initial Loan Amount	600,000.00	Loan Origination Fee ($5.50/1000)	3,300.00
Principal Forgiveness	-	Loan Term (in years)	20
Net Loan Obligation	600,000.00	Loan Rate	2.00%
		Closing Date	1/7/2015
		First Interest Payment	7/15/2015
		First Principal Payment	1/15/2016

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
1/7/2015							
7/15/2015		6,266.67	6,266.67	470.00	3,300.00	10,036.67	
1/15/2016	24,271.00	6,000.00	30,271.00	450.00		30,721.00	40,757.67
7/15/2016		5,757.29	5,757.29	431.80		6,189.09	
1/15/2017	24,798.00	5,757.29	30,555.29	431.80		30,987.09	37,176.17
7/15/2017		5,509.31	5,509.31	413.20		5,922.51	
1/15/2018	25,337.00	5,509.31	30,846.31	413.20		31,259.51	37,182.02
7/15/2018		5,255.94	5,255.94	394.20		5,650.14	
1/15/2019	25,888.00	5,255.94	31,143.94	394.20		31,538.14	37,188.27
7/15/2019		4,997.06	4,997.06	374.78		5,371.84	
1/15/2020	26,450.00	4,997.06	31,447.06	374.78		31,821.84	37,193.68
7/15/2020		4,732.56	4,732.56	354.94		5,087.50	
1/15/2021	27,025.00	4,732.56	31,757.56	354.94		32,112.50	37,200.00
7/15/2021		4,462.31	4,462.31	334.67		4,796.98	
1/15/2022	27,613.00	4,462.31	32,075.31	334.67		32,409.98	37,206.97
7/15/2022		4,186.18	4,186.18	313.96		4,500.14	
1/15/2023	28,213.00	4,186.18	32,399.18	313.96		32,713.14	37,213.29
7/15/2023		3,904.05	3,904.05	292.80		4,196.85	
1/15/2024	28,826.00	3,904.05	32,730.05	292.80		33,022.85	37,219.71
7/15/2024		3,615.79	3,615.79	271.18		3,886.97	
1/15/2025	29,452.00	3,615.79	33,067.79	271.18		33,338.97	37,225.95
7/15/2025		3,321.27	3,321.27	249.10		3,570.37	
1/15/2026	30,092.00	3,321.27	33,413.27	249.10		33,662.37	37,232.73
7/15/2026		3,020.35	3,020.35	226.53		3,246.88	
1/15/2027	30,747.00	3,020.35	33,767.35	226.53		33,993.88	37,240.75
7/15/2027		2,712.88	2,712.88	203.47		2,916.35	
1/15/2028	31,415.00	2,712.88	34,127.88	203.47		34,331.35	37,247.69
7/15/2028		2,398.73	2,398.73	179.90		2,578.63	
1/15/2029	32,097.00	2,398.73	34,495.73	179.90		34,675.63	37,254.27
7/15/2029		2,077.76	2,077.76	155.83		2,233.59	
1/15/2030	32,795.00	2,077.76	34,872.76	155.83		35,028.59	37,262.18
7/15/2030		1,749.81	1,749.81	131.24		1,881.05	
1/15/2031	33,508.00	1,749.81	35,257.81	131.24		35,389.05	37,270.09
7/15/2031		1,414.73	1,414.73	106.10		1,520.83	
1/15/2032	34,236.00	1,414.73	35,650.73	106.10		35,756.83	37,277.67
7/15/2032		1,072.37	1,072.37	80.43		1,152.80	
1/15/2033	34,980.00	1,072.37	36,052.37	80.43		36,132.80	37,285.60
7/15/2033		722.57	722.57	54.19		776.76	
1/15/2034	35,740.00	722.57	36,462.57	54.19		36,516.76	37,293.53
7/15/2034		365.17	365.17	27.39		392.56	
1/15/2035	36,517.00	365.17	36,882.17	27.39		36,909.56	37,302.12
7/15/2035							
	600,000.00	134,818.93	734,818.93	10,111.42	3,300.00	748,230.35	748,230.35

Notes:

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 18
Massachusetts Water Resources Authority Loan Amortization
DW-12-21

Initial Loan Amount	600,000.00	Loan Origination Fee ($5.50/1000)	3,300.00
Principal Forgiveness	-	Loan Term (in years)	20
Net Loan Obligation	600,000.00	Loan Rate	2.00%
		Closing Date	1/7/2015
		First Interest Payment	7/15/2015
		First Principal Payment	1/15/2016

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
1/7/2015							
7/15/2015		6,266.67	6,266.67	470.00	3,300.00	10,036.67	
1/15/2016	24,271.00	6,000.00	30,271.00	450.00		30,721.00	40,757.67
7/15/2016		5,757.29	5,757.29	431.80		6,189.09	
1/15/2017	24,798.00	5,757.29	30,555.29	431.80		30,987.09	37,176.17
7/15/2017		5,509.31	5,509.31	413.20		5,922.51	
1/15/2018	25,337.00	5,509.31	30,846.31	413.20		31,259.51	37,182.02
7/15/2018		5,255.94	5,255.94	394.20		5,650.14	
1/15/2019	25,888.00	5,255.94	31,143.94	394.20		31,538.14	37,188.27
7/15/2019		4,997.06	4,997.06	374.78		5,371.84	
1/15/2020	26,450.00	4,997.06	31,447.06	374.78		31,821.84	37,193.68
7/15/2020		4,732.56	4,732.56	354.94		5,087.50	
1/15/2021	27,025.00	4,732.56	31,757.56	354.94		32,112.50	37,200.00
7/15/2021		4,462.31	4,462.31	334.67		4,796.98	
1/15/2022	27,613.00	4,462.31	32,075.31	334.67		32,409.98	37,206.97
7/15/2022		4,186.18	4,186.18	313.96		4,500.14	
1/15/2023	28,213.00	4,186.18	32,399.18	313.96		32,713.14	37,213.29
7/15/2023		3,904.05	3,904.05	292.80		4,196.85	
1/15/2024	28,826.00	3,904.05	32,730.05	292.80		33,022.85	37,219.71
7/15/2024		3,615.79	3,615.79	271.18		3,886.97	
1/15/2025	29,452.00	3,615.79	33,067.79	271.18		33,338.97	37,225.95
7/15/2025		3,321.27	3,321.27	249.10		3,570.37	
1/15/2026	30,092.00	3,321.27	33,413.27	249.10		33,662.37	37,232.73
7/15/2026		3,020.35	3,020.35	226.53		3,246.88	
1/15/2027	30,747.00	3,020.35	33,767.35	226.53		33,993.88	37,240.75
7/15/2027		2,712.88	2,712.88	203.47		2,916.35	
1/15/2028	31,415.00	2,712.88	34,127.88	203.47		34,331.35	37,247.69
7/15/2028		2,398.73	2,398.73	179.90		2,578.63	
1/15/2029	32,097.00	2,398.73	34,495.73	179.90		34,675.63	37,254.27
7/15/2029		2,077.76	2,077.76	155.83		2,233.59	
1/15/2030	32,795.00	2,077.76	34,872.76	155.83		35,028.59	37,262.18
7/15/2030		1,749.81	1,749.81	131.24		1,881.05	
1/15/2031	33,508.00	1,749.81	35,257.81	131.24		35,389.05	37,270.09
7/15/2031		1,414.73	1,414.73	106.10		1,520.83	
1/15/2032	34,236.00	1,414.73	35,650.73	106.10		35,756.83	37,277.67
7/15/2032		1,072.37	1,072.37	80.43		1,152.80	
1/15/2033	34,980.00	1,072.37	36,052.37	80.43		36,132.80	37,285.60
7/15/2033		722.57	722.57	54.19		776.76	
1/15/2034	35,740.00	722.57	36,462.57	54.19		36,516.76	37,293.53
7/15/2034		365.17	365.17	27.39		392.56	
1/15/2035	36,517.00	365.17	36,882.17	27.39		36,909.56	37,302.12
7/15/2035							
	600,000.00	134,818.93	734,818.93	10,111.42	3,300.00	748,230.35	748,230.35

Notes:

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 18
Massachusetts Water Resources Authority Loan Amortization
DW-12-22

Initial Loan Amount	1,000,000.00	Loan Origination Fee ($5.50/1000)	5,500.00
Principal Forgiveness	-	Loan Term (in years)	20
Net Loan Obligation	1,000,000.00	Loan Rate	2.00%
		Closing Date	1/7/2015
		First Interest Payment	7/15/2015
		First Principal Payment	1/15/2016

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
1/7/2015							
7/15/2015		10,444.44	10,444.44	783.33	5,500.00	16,727.78	
1/15/2016	40,451.00	10,000.00	50,451.00	750.00		51,201.00	67,928.78
7/15/2016		9,595.49	9,595.49	719.66		10,315.15	
1/15/2017	41,330.00	9,595.49	50,925.49	719.66		51,645.15	61,960.30
7/15/2017		9,182.19	9,182.19	688.66		9,870.85	
1/15/2018	42,229.00	9,182.19	51,411.19	688.66		52,099.85	61,970.71
7/15/2018		8,759.90	8,759.90	656.99		9,416.89	
1/15/2019	43,146.00	8,759.90	51,905.90	656.99		52,562.89	61,979.79
7/15/2019		8,328.44	8,328.44	624.63		8,953.07	
1/15/2020	44,084.00	8,328.44	52,412.44	624.63		53,037.07	61,990.15
7/15/2020		7,887.60	7,887.60	591.57		8,479.17	
1/15/2021	45,042.00	7,887.60	52,929.60	591.57		53,521.17	62,000.34
7/15/2021		7,437.18	7,437.18	557.79		7,994.97	
1/15/2022	46,021.00	7,437.18	53,458.18	557.79		54,015.97	62,010.94
7/15/2022		6,976.97	6,976.97	523.27		7,500.24	
1/15/2023	47,021.00	6,976.97	53,997.97	523.27		54,521.24	62,021.49
7/15/2023		6,506.76	6,506.76	488.01		6,994.77	
1/15/2024	48,043.00	6,506.76	54,549.76	488.01		55,037.77	62,032.53
7/15/2024		6,026.33	6,026.33	451.97		6,478.30	
1/15/2025	49,087.00	6,026.33	55,113.33	451.97		55,565.30	62,043.61
7/15/2025		5,535.46	5,535.46	415.16		5,950.62	
1/15/2026	50,154.00	5,535.46	55,689.46	415.16		56,104.62	62,055.24
7/15/2026		5,033.92	5,033.92	377.54		5,411.46	
1/15/2027	51,244.00	5,033.92	56,277.92	377.54		56,655.46	62,066.93
7/15/2027		4,521.48	4,521.48	339.11		4,860.59	
1/15/2028	52,358.00	4,521.48	56,879.48	339.11		57,218.59	62,079.18
7/15/2028		3,997.90	3,997.90	299.84		4,297.74	
1/15/2029	53,496.00	3,997.90	57,493.90	299.84		57,793.74	62,091.49
7/15/2029		3,462.94	3,462.94	259.72		3,722.66	
1/15/2030	54,659.00	3,462.94	58,121.94	259.72		58,381.66	62,104.32
7/15/2030		2,916.35	2,916.35	218.73		3,135.08	
1/15/2031	55,846.00	2,916.35	58,762.35	218.73		58,981.08	62,116.15
7/15/2031		2,357.89	2,357.89	176.84		2,534.73	
1/15/2032	57,060.00	2,357.89	59,417.89	176.84		59,594.73	62,129.46
7/15/2032		1,787.29	1,787.29	134.05		1,921.34	
1/15/2033	58,300.00	1,787.29	60,087.29	134.05		60,221.34	62,142.67
7/15/2033		1,204.29	1,204.29	90.32		1,294.61	
1/15/2034	59,567.00	1,204.29	60,771.29	90.32		60,861.61	62,156.22
7/15/2034		608.62	608.62	45.65		654.27	
1/15/2035	60,862.00	608.62	61,470.62	45.65		61,516.27	62,170.53
7/15/2035							
	1,000,000.00	224,698.44	1,224,698.44	16,852.38	5,500.00	1,247,050.83	1,247,050.83

Notes:

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 18
Massachusetts Water Resources Authority Loan Amortization
DW-12-23

Initial Loan Amount	1,600,000.00	Loan Origination Fee ($5.50/1000)	8,800.00
Principal Forgiveness	-	Loan Term (in years)	20
Net Loan Obligation	1,600,000.00	Loan Rate	2.00%
		Closing Date	1/7/2015
		First Interest Payment	7/15/2015
		First Principal Payment	1/15/2016

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
1/7/2015							
7/15/2015		16,711.11	16,711.11	1,253.33	8,800.00	26,764.44	
1/15/2016	64,722.00	16,000.00	80,722.00	1,200.00		81,922.00	108,686.44
7/15/2016		15,352.78	15,352.78	1,151.46		16,504.24	
1/15/2017	66,128.00	15,352.78	81,480.78	1,151.46		82,632.24	99,136.48
7/15/2017		14,691.50	14,691.50	1,101.86		15,793.36	
1/15/2018	67,565.00	14,691.50	82,256.50	1,101.86		83,358.36	99,151.73
7/15/2018		14,015.85	14,015.85	1,051.19		15,067.04	
1/15/2019	69,034.00	14,015.85	83,049.85	1,051.19		84,101.04	99,168.08
7/15/2019		13,325.51	13,325.51	999.41		14,324.92	
1/15/2020	70,534.00	13,325.51	83,859.51	999.41		84,858.92	99,183.85
7/15/2020		12,620.17	12,620.17	946.51		13,566.68	
1/15/2021	72,067.00	12,620.17	84,687.17	946.51		85,633.68	99,200.37
7/15/2021		11,899.50	11,899.50	892.46		12,791.96	
1/15/2022	73,633.00	11,899.50	85,532.50	892.46		86,424.96	99,216.93
7/15/2022		11,163.17	11,163.17	837.24		12,000.41	
1/15/2023	75,234.00	11,163.17	86,397.17	837.24		87,234.41	99,234.82
7/15/2023		10,410.83	10,410.83	780.81		11,191.64	
1/15/2024	76,869.00	10,410.83	87,279.83	780.81		88,060.64	99,252.28
7/15/2024		9,642.14	9,642.14	723.16		10,365.30	
1/15/2025	78,540.00	9,642.14	88,182.14	723.16		88,905.30	99,270.60
7/15/2025		8,856.74	8,856.74	664.26		9,521.00	
1/15/2026	80,247.00	8,856.74	89,103.74	664.26		89,768.00	99,288.99
7/15/2026		8,054.27	8,054.27	604.07		8,658.34	
1/15/2027	81,991.00	8,054.27	90,045.27	604.07		90,649.34	99,307.68
7/15/2027		7,234.36	7,234.36	542.58		7,776.94	
1/15/2028	83,773.00	7,234.36	91,007.36	542.58		91,549.94	99,326.87
7/15/2028		6,396.63	6,396.63	479.75		6,876.38	
1/15/2029	85,593.00	6,396.63	91,989.63	479.75		92,469.38	99,345.75
7/15/2029		5,540.70	5,540.70	415.55		5,956.25	
1/15/2030	87,453.00	5,540.70	92,993.70	415.55		93,409.25	99,365.51
7/15/2030		4,666.17	4,666.17	349.96		5,016.13	
1/15/2031	89,354.00	4,666.17	94,020.17	349.96		94,370.13	99,386.27
7/15/2031		3,772.63	3,772.63	282.95		4,055.58	
1/15/2032	91,296.00	3,772.63	95,068.63	282.95		95,351.58	99,407.15
7/15/2032		2,859.67	2,859.67	214.48		3,074.15	
1/15/2033	93,280.00	2,859.67	96,139.67	214.48		96,354.15	99,428.29
7/15/2033		1,926.87	1,926.87	144.52		2,071.39	
1/15/2034	95,308.00	1,926.87	97,234.87	144.52		97,379.39	99,450.77
7/15/2034		973.79	973.79	73.03		1,046.82	
1/15/2035	97,379.00	973.79	98,352.79	73.03		98,425.82	99,472.65
7/15/2035							
	1,600,000.00	359,517.67	1,959,517.67	26,963.83	8,800.00	1,995,281.50	1,995,281.50

Notes:

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 18
Massachusetts Water Resources Authority Loan Amortization
DW-12-24

Initial Loan Amount	240,342.00	Loan Origination Fee ($5.50/1000)	1,321.88
Principal Forgiveness	-	Loan Term (in years)	20
Net Loan Obligation	240,342.00	Loan Rate	2.00%
		Closing Date	1/7/2015
		First Interest Payment	7/15/2015
		First Principal Payment	1/15/2016

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
1/7/2015							
7/15/2015		2,510.24	2,510.24	188.27	1,321.88	4,020.39	
1/15/2016	9,722.00	2,403.42	12,125.42	180.26		12,305.68	16,326.06
7/15/2016		2,306.20	2,306.20	172.97		2,479.17	
1/15/2017	9,933.00	2,306.20	12,239.20	172.97		12,412.17	14,891.33
7/15/2017		2,206.87	2,206.87	165.52		2,372.39	
1/15/2018	10,149.00	2,206.87	12,355.87	165.52		12,521.39	14,893.77
7/15/2018		2,105.38	2,105.38	157.90		2,263.28	
1/15/2019	10,370.00	2,105.38	12,475.38	157.90		12,633.28	14,896.57
7/15/2019		2,001.68	2,001.68	150.13		2,151.81	
1/15/2020	10,595.00	2,001.68	12,596.68	150.13		12,746.81	14,898.61
7/15/2020		1,895.73	1,895.73	142.18		2,037.91	
1/15/2021	10,825.00	1,895.73	12,720.73	142.18		12,862.91	14,900.82
7/15/2021		1,787.48	1,787.48	134.06		1,921.54	
1/15/2022	11,061.00	1,787.48	12,848.48	134.06		12,982.54	14,904.08
7/15/2022		1,676.87	1,676.87	125.77		1,802.64	
1/15/2023	11,301.00	1,676.87	12,977.87	125.77		13,103.64	14,906.27
7/15/2023		1,563.86	1,563.86	117.29		1,681.15	
1/15/2024	11,547.00	1,563.86	13,110.86	117.29		13,228.15	14,909.30
7/15/2024		1,448.39	1,448.39	108.63		1,557.02	
1/15/2025	11,798.00	1,448.39	13,246.39	108.63		13,355.02	14,912.04
7/15/2025		1,330.41	1,330.41	99.78		1,430.19	
1/15/2026	12,054.00	1,330.41	13,384.41	99.78		13,484.19	14,914.38
7/15/2026		1,209.87	1,209.87	90.74		1,300.61	
1/15/2027	12,316.00	1,209.87	13,525.87	90.74		13,616.61	14,917.22
7/15/2027		1,086.71	1,086.71	81.50		1,168.21	
1/15/2028	12,584.00	1,086.71	13,670.71	81.50		13,752.21	14,920.43
7/15/2028		960.87	960.87	72.07		1,032.94	
1/15/2029	12,857.00	960.87	13,817.87	72.07		13,889.94	14,922.87
7/15/2029		832.30	832.30	62.42		894.72	
1/15/2030	13,137.00	832.30	13,969.30	62.42		14,031.72	14,926.45
7/15/2030		700.93	700.93	52.57		753.50	
1/15/2031	13,422.00	700.93	14,122.93	52.57		14,175.50	14,929.00
7/15/2031		566.71	566.71	42.50		609.21	
1/15/2032	13,714.00	566.71	14,280.71	42.50		14,323.21	14,932.43
7/15/2032		429.57	429.57	32.22		461.79	
1/15/2033	14,012.00	429.57	14,441.57	32.22		14,473.79	14,935.58
7/15/2033		289.45	289.45	21.71		311.16	
1/15/2034	14,317.00	289.45	14,606.45	21.71		14,628.16	14,939.32
7/15/2034		146.28	146.28	10.97		157.25	
1/15/2035	14,628.00	146.28	14,774.28	10.97		14,785.25	14,942.50
7/15/2035							
	240,342.00	54,004.78	294,346.78	4,050.36	1,321.88	299,719.02	299,719.02

Notes:

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 18
Massachusetts Water Resources Authority Loan Amortization
DW-13-20

Initial Loan Amount	1,800,000.00	Loan Origination Fee ($5.50/1000)	9,900.00
Principal Forgiveness	-	Loan Term (in years)	20
Net Loan Obligation	1,800,000.00	Loan Rate	2.00%
		Closing Date	1/7/2015
		First Interest Payment	7/15/2015
		First Principal Payment	1/15/2016

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
1/7/2015							
7/15/2015		18,800.00	18,800.00	1,410.00	9,900.00	30,110.00	
1/15/2016	72,812.00	18,000.00	90,812.00	1,350.00		92,162.00	122,272.00
7/15/2016		17,271.88	17,271.88	1,295.39		18,567.27	
1/15/2017	74,394.00	17,271.88	91,665.88	1,295.39		92,961.27	111,528.54
7/15/2017		16,527.94	16,527.94	1,239.60		17,767.54	
1/15/2018	76,011.00	16,527.94	92,538.94	1,239.60		93,778.54	111,546.07
7/15/2018		15,767.83	15,767.83	1,182.59		16,950.42	
1/15/2019	77,663.00	15,767.83	93,430.83	1,182.59		94,613.42	111,563.83
7/15/2019		14,991.20	14,991.20	1,124.34		16,115.54	
1/15/2020	79,351.00	14,991.20	94,342.20	1,124.34		95,466.54	111,582.08
7/15/2020		14,197.69	14,197.69	1,064.83		15,262.52	
1/15/2021	81,076.00	14,197.69	95,273.69	1,064.83		96,338.52	111,601.03
7/15/2021		13,386.93	13,386.93	1,004.02		14,390.95	
1/15/2022	82,838.00	13,386.93	96,224.93	1,004.02		97,228.95	111,619.90
7/15/2022		12,558.55	12,558.55	941.89		13,500.44	
1/15/2023	84,638.00	12,558.55	97,196.55	941.89		98,138.44	111,638.88
7/15/2023		11,712.17	11,712.17	878.41		12,590.58	
1/15/2024	86,478.00	11,712.17	98,190.17	878.41		99,068.58	111,659.17
7/15/2024		10,847.39	10,847.39	813.55		11,660.94	
1/15/2025	88,357.00	10,847.39	99,204.39	813.55		100,017.94	111,678.89
7/15/2025		9,963.82	9,963.82	747.29		10,711.11	
1/15/2026	90,277.00	9,963.82	100,240.82	747.29		100,988.11	111,699.21
7/15/2026		9,061.05	9,061.05	679.58		9,740.63	
1/15/2027	92,240.00	9,061.05	101,301.05	679.58		101,980.63	111,721.26
7/15/2027		8,138.65	8,138.65	610.40		8,749.05	
1/15/2028	94,244.00	8,138.65	102,382.65	610.40		102,993.05	111,742.10
7/15/2028		7,196.21	7,196.21	539.72		7,735.93	
1/15/2029	96,292.00	7,196.21	103,488.21	539.72		104,027.93	111,763.85
7/15/2029		6,233.29	6,233.29	467.50		6,700.79	
1/15/2030	98,385.00	6,233.29	104,618.29	467.50		105,085.79	111,786.57
7/15/2030		5,249.44	5,249.44	393.71		5,643.15	
1/15/2031	100,524.00	5,249.44	105,773.44	393.71		106,167.15	111,810.30
7/15/2031		4,244.20	4,244.20	318.32		4,562.52	
1/15/2032	102,708.00	4,244.20	106,952.20	318.32		107,270.52	111,833.03
7/15/2032		3,217.12	3,217.12	241.28		3,458.40	
1/15/2033	104,940.00	3,217.12	108,157.12	241.28		108,398.40	111,856.81
7/15/2033		2,167.72	2,167.72	162.58		2,330.30	
1/15/2034	107,221.00	2,167.72	109,388.72	162.58		109,551.30	111,881.60
7/15/2034		1,095.51	1,095.51	82.16		1,177.67	
1/15/2035	109,551.00	1,095.51	110,646.51	82.16		110,728.67	111,906.35
7/15/2035							
	1,800,000.00	404,457.18	2,204,457.18	30,334.29	9,900.00	2,244,691.47	2,244,691.47

Notes:

Massachusetts Water Pollution Abatement Trust
Pool 16 - 2015 Swap
Massachusetts Water Resources Authority
DW-13-21

Original Loan Amount	-	Loan Origination Fee ($7.5/1000)	0.00
Principal Paid Down	-	Loan Term (in years)	18
Outstanding Loan Obligation	303,111.43	Loan Rate	2.00%
Other Balance	22,119.00	Closing Date	5/14/2015
Net New Loan Obligation	325,230.43	First Payment	7/15/2015

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/14/2015							
7/15/2015	36,058.94	1,027.21	37,086.15	227.33		37,313.48	
1/15/2016		2,891.71	2,891.71	216.88		3,108.59	40,422.07
7/15/2016	14,242.90	2,891.71	17,134.62	216.88		17,351.50	
1/15/2017		2,749.29	2,749.29	206.20		2,955.48	20,306.98
7/15/2017	14,552.45	2,749.29	17,301.74	206.20		17,507.93	
1/15/2018		2,603.76	2,603.76	195.28		2,799.04	20,306.98
7/15/2018	14,868.73	2,603.76	17,472.49	195.28		17,667.77	
1/15/2019		2,455.07	2,455.07	184.13		2,639.20	20,306.98
7/15/2019	15,191.88	2,455.07	17,646.96	184.13		17,831.09	
1/15/2020		2,303.16	2,303.16	172.74		2,475.89	20,306.98
7/15/2020	15,522.06	2,303.16	17,825.21	172.74		17,997.95	
1/15/2021		2,147.93	2,147.93	161.10		2,309.03	20,306.98
7/15/2021	15,859.41	2,147.93	18,007.34	161.10		18,168.44	
1/15/2022		1,989.34	1,989.34	149.20		2,138.54	20,306.98
7/15/2022	16,204.09	1,989.34	18,193.43	149.20		18,342.63	
1/15/2023		1,827.30	1,827.30	137.05		1,964.35	20,306.98
7/15/2023	16,556.26	1,827.30	18,383.56	137.05		18,520.61	
1/15/2024		1,661.74	1,661.74	124.63		1,786.37	20,306.98
7/15/2024	16,916.09	1,661.74	18,577.83	124.63		18,702.46	
1/15/2025		1,492.58	1,492.58	111.94		1,604.52	20,306.98
7/15/2025	17,283.74	1,492.58	18,776.32	111.94		18,888.26	
1/15/2026		1,319.74	1,319.74	98.98		1,418.72	20,306.98
7/15/2026	17,659.38	1,319.74	18,979.12	98.98		19,078.10	
1/15/2027		1,143.15	1,143.15	85.74		1,228.88	20,306.98
7/15/2027	18,043.18	1,143.15	19,186.33	85.74		19,272.06	
1/15/2028		962.71	962.71	72.20		1,034.92	20,306.98
7/15/2028	18,435.32	962.71	19,398.04	72.20		19,470.24	
1/15/2029		778.36	778.36	58.38		836.74	20,306.98
7/15/2029	18,835.99	778.36	19,614.35	58.38		19,672.73	
1/15/2030		590.00	590.00	44.25		634.25	20,306.98
7/15/2030	19,245.37	590.00	19,835.37	44.25		19,879.62	
1/15/2031		397.55	397.55	29.82		427.36	20,306.98
7/15/2031	19,663.64	397.55	20,061.18	29.82		20,091.00	
1/15/2032		200.91	200.91	15.07		215.98	20,306.98
7/15/2032	20,091.00	200.91	20,291.91	15.07		20,306.98	
1/15/2033							20,306.98
	325,230.43	56,055.80	381,286.23	4,354.48		385,640.70	385,640.70

Massachusetts Water Pollution Abatement Trust
Pool 17 - 2015 Swap
Massachusetts Water Resources Authority
DW-13-21-A

Original Loan Amount	-	Loan Origination Fee ($7.5/1000)	0.00
Principal Paid Down	-	Loan Term (in years)	18
Outstanding Loan Obligation	1,856,282.74	Loan Rate	2.00%
Other Balance	11,613.00	Closing Date	5/14/2015
Net New Loan Obligation	1,867,895.74	First Payment	7/15/2015

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/14/2015							
7/15/2015		6,290.74	6,290.74	1,392.21		7,682.95	
1/15/2016	103,628.48	18,562.83	122,191.31	1,392.21		123,583.52	131,266.47
7/15/2016		17,642.67	17,642.67	1,323.20		18,965.87	
1/15/2017	93,889.12	17,642.67	111,531.79	1,323.20		112,854.99	131,820.86
7/15/2017		16,703.78	16,703.78	1,252.78		17,956.57	
1/15/2018	95,803.47	16,703.78	112,507.25	1,252.78		113,760.04	131,716.60
7/15/2018		15,745.75	15,745.75	1,180.93		16,926.68	
1/15/2019	97,759.43	15,745.75	113,505.18	1,180.93		114,686.11	131,612.79
7/15/2019		14,768.15	14,768.15	1,107.61		15,875.76	
1/15/2020	99,757.90	14,768.15	114,526.06	1,107.61		115,633.67	131,509.43
7/15/2020		13,770.57	13,770.57	1,032.79		14,803.37	
1/15/2021	101,799.81	13,770.57	115,570.38	1,032.79		116,603.18	131,406.54
7/15/2021		12,752.58	12,752.58	956.44		13,709.02	
1/15/2022	103,886.09	12,752.58	116,638.67	956.44		117,595.11	131,304.13
7/15/2022		11,713.71	11,713.71	878.53		12,592.24	
1/15/2023	106,017.72	11,713.71	117,731.43	878.53		118,609.96	131,202.21
7/15/2023		10,653.54	10,653.54	799.02		11,452.55	
1/15/2024	108,189.59	10,653.54	118,843.13	799.02		119,642.15	131,094.70
7/15/2024		9,571.64	9,571.64	717.87		10,289.51	
1/15/2025	110,414.75	9,571.64	119,986.39	717.87		120,704.26	130,993.78
7/15/2025		8,467.49	8,467.49	635.06		9,102.56	
1/15/2026	112,688.27	8,467.49	121,155.76	635.06		121,790.82	130,893.38
7/15/2026		7,340.61	7,340.61	550.55		7,891.16	
1/15/2027	115,011.20	7,340.61	122,351.81	550.55		122,902.35	130,793.51
7/15/2027		6,190.50	6,190.50	464.29		6,654.79	
1/15/2028	117,384.61	6,190.50	123,575.11	464.29		124,039.40	130,694.19
7/15/2028		5,016.65	5,016.65	376.25		5,392.90	
1/15/2029	119,809.61	5,016.65	124,826.26	376.25		125,202.51	130,595.41
7/15/2029		3,818.56	3,818.56	286.39		4,104.95	
1/15/2030	122,287.31	3,818.56	126,105.87	286.39		126,392.26	130,497.21
7/15/2030		2,595.68	2,595.68	194.68		2,790.36	
1/15/2031	124,818.86	2,595.68	127,414.55	194.68		127,609.22	130,399.58
7/15/2031		1,347.50	1,347.50	101.06		1,448.56	
1/15/2032	66,650.47	1,347.50	67,997.97	101.06		68,099.03	69,547.59
7/15/2032		680.99	680.99	51.07		732.06	
1/15/2033	68,099.03	680.99	68,780.02	51.07		68,831.10	69,563.16
7/15/2033							
	1,867,895.74	342,414.32	2,210,310.06	26,601.48		2,236,911.54	2,236,911.54

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 19
MWRA Loan Amortization
DW-13-21-B

Initial Loan Amount	806,874.00	Loan Origination Fee ($5.50/1000)	4,437.81
Principal Forgiveness		Loan Term (in years)	20
Net Loan Obligation	806,874.00	Loan Rate	2.00%
		Closing Date	2/11/2016
		First Interest Payment	7/15/2016
		First Principal Payment	1/15/2017

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
2/11/2016							
7/15/2016		6,903.26	6,903.26	517.74	4,437.81	11,858.81	
1/15/2017	32,639.00	8,068.74	40,707.74	605.16		41,312.90	53,171.70
7/15/2017		7,742.35	7,742.35	580.68		8,323.03	
1/15/2018	33,348.00	7,742.35	41,090.35	580.68		41,671.03	49,994.05
7/15/2018		7,408.87	7,408.87	555.67		7,964.54	
1/15/2019	34,073.00	7,408.87	41,481.87	555.67		42,037.54	50,002.07
7/15/2019		7,068.14	7,068.14	530.11		7,598.25	
1/15/2020	34,814.00	7,068.14	41,882.14	530.11		42,412.25	50,010.50
7/15/2020		6,720.00	6,720.00	504.00		7,224.00	
1/15/2021	35,570.00	6,720.00	42,290.00	504.00		42,794.00	50,018.00
7/15/2021		6,364.30	6,364.30	477.32		6,841.62	
1/15/2022	36,343.00	6,364.30	42,707.30	477.32		43,184.62	50,026.25
7/15/2022		6,000.87	6,000.87	450.07		6,450.94	
1/15/2023	37,133.00	6,000.87	43,133.87	450.07		43,583.94	50,034.87
7/15/2023		5,629.54	5,629.54	422.22		6,051.76	
1/15/2024	37,940.00	5,629.54	43,569.54	422.22		43,991.76	50,043.51
7/15/2024		5,250.14	5,250.14	393.76		5,643.90	
1/15/2025	38,765.00	5,250.14	44,015.14	393.76		44,408.90	50,052.80
7/15/2025		4,862.49	4,862.49	364.69		5,227.18	
1/15/2026	39,607.00	4,862.49	44,469.49	364.69		44,834.18	50,061.35
7/15/2026		4,466.42	4,466.42	334.98		4,801.40	
1/15/2027	40,468.00	4,466.42	44,934.42	334.98		45,269.40	50,070.80
7/15/2027		4,061.74	4,061.74	304.63		4,366.37	
1/15/2028	41,348.00	4,061.74	45,409.74	304.63		45,714.37	50,080.74
7/15/2028		3,648.26	3,648.26	273.62		3,921.88	
1/15/2029	42,246.00	3,648.26	45,894.26	273.62		46,167.88	50,089.76
7/15/2029		3,225.80	3,225.80	241.94		3,467.74	
1/15/2030	43,164.00	3,225.80	46,389.80	241.94		46,631.74	50,099.47
7/15/2030		2,794.16	2,794.16	209.56		3,003.72	
1/15/2031	44,103.00	2,794.16	46,897.16	209.56		47,106.72	50,110.44
7/15/2031		2,353.13	2,353.13	176.48		2,529.61	
1/15/2032	45,061.00	2,353.13	47,414.13	176.48		47,590.61	50,120.23
7/15/2032		1,902.52	1,902.52	142.69		2,045.21	
1/15/2033	46,040.00	1,902.52	47,942.52	142.69		48,085.21	50,130.42
7/15/2033		1,442.12	1,442.12	108.16		1,550.28	
1/15/2034	47,041.00	1,442.12	48,483.12	108.16		48,591.28	50,141.56
7/15/2034		971.71	971.71	72.88		1,044.59	
1/15/2035	48,063.00	971.71	49,034.71	72.88		49,107.59	50,152.18
7/15/2035		491.08	491.08	36.83		527.91	
1/15/2036	49,108.00	491.08	49,599.08	36.83		49,635.91	50,163.82
7/15/2036							
	806,874.00	179,779.28	986,653.28	13,483.45	4,437.81	1,004,574.53	1,004,574.53

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 18
Massachusetts Water Resources Authority Loan Amortization
DW-13-22

Initial Loan Amount	1,800,000.00	Loan Origination Fee ($5.50/1000)	9,900.00
Principal Forgiveness	-	Loan Term (in years)	20
Net Loan Obligation	1,800,000.00	Loan Rate	2.00%
		Closing Date	1/7/2015
		First Interest Payment	7/15/2015
		First Principal Payment	1/15/2016

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
1/7/2015							
7/15/2015		18,800.00	18,800.00	1,410.00	9,900.00	30,110.00	
1/15/2016	72,812.00	18,000.00	90,812.00	1,350.00		92,162.00	122,272.00
7/15/2016		17,271.88	17,271.88	1,295.39		18,567.27	
1/15/2017	74,394.00	17,271.88	91,665.88	1,295.39		92,961.27	111,528.54
7/15/2017		16,527.94	16,527.94	1,239.60		17,767.54	
1/15/2018	76,011.00	16,527.94	92,538.94	1,239.60		93,778.54	111,546.07
7/15/2018		15,767.83	15,767.83	1,182.59		16,950.42	
1/15/2019	77,663.00	15,767.83	93,430.83	1,182.59		94,613.42	111,563.83
7/15/2019		14,991.20	14,991.20	1,124.34		16,115.54	
1/15/2020	79,351.00	14,991.20	94,342.20	1,124.34		95,466.54	111,582.08
7/15/2020		14,197.69	14,197.69	1,064.83		15,262.52	
1/15/2021	81,076.00	14,197.69	95,273.69	1,064.83		96,338.52	111,601.03
7/15/2021		13,386.93	13,386.93	1,004.02		14,390.95	
1/15/2022	82,838.00	13,386.93	96,224.93	1,004.02		97,228.95	111,619.90
7/15/2022		12,558.55	12,558.55	941.89		13,500.44	
1/15/2023	84,638.00	12,558.55	97,196.55	941.89		98,138.44	111,638.88
7/15/2023		11,712.17	11,712.17	878.41		12,590.58	
1/15/2024	86,478.00	11,712.17	98,190.17	878.41		99,068.58	111,659.17
7/15/2024		10,847.39	10,847.39	813.55		11,660.94	
1/15/2025	88,357.00	10,847.39	99,204.39	813.55		100,017.94	111,678.89
7/15/2025		9,963.82	9,963.82	747.29		10,711.11	
1/15/2026	90,277.00	9,963.82	100,240.82	747.29		100,988.11	111,699.21
7/15/2026		9,061.05	9,061.05	679.58		9,740.63	
1/15/2027	92,240.00	9,061.05	101,301.05	679.58		101,980.63	111,721.26
7/15/2027		8,138.65	8,138.65	610.40		8,749.05	
1/15/2028	94,244.00	8,138.65	102,382.65	610.40		102,993.05	111,742.10
7/15/2028		7,196.21	7,196.21	539.72		7,735.93	
1/15/2029	96,292.00	7,196.21	103,488.21	539.72		104,027.93	111,763.85
7/15/2029		6,233.29	6,233.29	467.50		6,700.79	
1/15/2030	98,385.00	6,233.29	104,618.29	467.50		105,085.79	111,786.57
7/15/2030		5,249.44	5,249.44	393.71		5,643.15	
1/15/2031	100,524.00	5,249.44	105,773.44	393.71		106,167.15	111,810.30
7/15/2031		4,244.20	4,244.20	318.32		4,562.52	
1/15/2032	102,708.00	4,244.20	106,952.20	318.32		107,270.52	111,833.03
7/15/2032		3,217.12	3,217.12	241.28		3,458.40	
1/15/2033	104,940.00	3,217.12	108,157.12	241.28		108,398.40	111,856.81
7/15/2033		2,167.72	2,167.72	162.58		2,330.30	
1/15/2034	107,221.00	2,167.72	109,388.72	162.58		109,551.30	111,881.60
7/15/2034		1,095.51	1,095.51	82.16		1,177.67	
1/15/2035	109,551.00	1,095.51	110,646.51	82.16		110,728.67	111,906.35
7/15/2035							
	1,800,000.00	404,457.18	2,204,457.18	30,334.29	9,900.00	2,244,691.47	2,244,691.47

Notes:

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 18
Massachusetts Water Resources Authority Loan Amortization
DW-13-23

Initial Loan Amount	666,666.00	Loan Origination Fee ($5.50/1000)	3,666.66
Principal Forgiveness	-	Loan Term (in years)	20
Net Loan Obligation	666,666.00	Loan Rate	2.00%
		Closing Date	1/7/2015
		First Interest Payment	7/15/2015
		First Principal Payment	1/15/2016

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
1/7/2015							
7/15/2015		6,962.96	6,962.96	522.22	3,666.66	11,151.84	
1/15/2016	26,967.00	6,666.66	33,633.66	500.00		34,133.66	45,285.50
7/15/2016		6,396.99	6,396.99	479.77		6,876.76	
1/15/2017	27,553.00	6,396.99	33,949.99	479.77		34,429.76	41,306.53
7/15/2017		6,121.46	6,121.46	459.11		6,580.57	
1/15/2018	28,152.00	6,121.46	34,273.46	459.11		34,732.57	41,313.14
7/15/2018		5,839.94	5,839.94	438.00		6,277.94	
1/15/2019	28,764.00	5,839.94	34,603.94	438.00		35,041.94	41,319.87
7/15/2019		5,552.30	5,552.30	416.42		5,968.72	
1/15/2020	29,389.00	5,552.30	34,941.30	416.42		35,357.72	41,326.45
7/15/2020		5,258.41	5,258.41	394.38		5,652.79	
1/15/2021	30,028.00	5,258.41	35,286.41	394.38		35,680.79	41,333.58
7/15/2021		4,958.13	4,958.13	371.86		5,329.99	
1/15/2022	30,681.00	4,958.13	35,639.13	371.86		36,010.99	41,340.98
7/15/2022		4,651.32	4,651.32	348.85		5,000.17	
1/15/2023	31,347.00	4,651.32	35,998.32	348.85		36,347.17	41,347.34
7/15/2023		4,337.85	4,337.85	325.34		4,663.19	
1/15/2024	32,029.00	4,337.85	36,366.85	325.34		36,692.19	41,355.38
7/15/2024		4,017.56	4,017.56	301.32		4,318.88	
1/15/2025	32,725.00	4,017.56	36,742.56	301.32		37,043.88	41,362.75
7/15/2025		3,690.31	3,690.31	276.77		3,967.08	
1/15/2026	33,436.00	3,690.31	37,126.31	276.77		37,403.08	41,370.17
7/15/2026		3,355.95	3,355.95	251.70		3,607.65	
1/15/2027	34,163.00	3,355.95	37,518.95	251.70		37,770.65	41,378.29
7/15/2027		3,014.32	3,014.32	226.07		3,240.39	
1/15/2028	34,905.00	3,014.32	37,919.32	226.07		38,145.39	41,385.79
7/15/2028		2,665.27	2,665.27	199.90		2,865.17	
1/15/2029	35,664.00	2,665.27	38,329.27	199.90		38,529.17	41,394.33
7/15/2029		2,308.63	2,308.63	173.15		2,481.78	
1/15/2030	36,439.00	2,308.63	38,747.63	173.15		38,920.78	41,402.55
7/15/2030		1,944.24	1,944.24	145.82		2,090.06	
1/15/2031	37,231.00	1,944.24	39,175.24	145.82		39,321.06	41,411.12
7/15/2031		1,571.93	1,571.93	117.89		1,689.82	
1/15/2032	38,040.00	1,571.93	39,611.93	117.89		39,729.82	41,419.65
7/15/2032		1,191.53	1,191.53	89.36		1,280.89	
1/15/2033	38,867.00	1,191.53	40,058.53	89.36		40,147.89	41,428.79
7/15/2033		802.86	802.86	60.21		863.07	
1/15/2034	39,711.00	802.86	40,513.86	60.21		40,574.07	41,437.15
7/15/2034		405.75	405.75	30.43		436.18	
1/15/2035	40,575.00	405.75	40,980.75	30.43		41,011.18	41,447.36
7/15/2035							
	666,666.00	149,799.12	816,465.12	11,234.93	3,666.66	831,366.71	831,366.71

Notes:

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 18
Massachusetts Water Resources Authority Loan Amortization
DW-13-24

Initial Loan Amount	2,500,000.00	Loan Origination Fee ($5.50/1000)	13,750.00
Principal Forgiveness	-	Loan Term (in years)	20
Net Loan Obligation	2,500,000.00	Loan Rate	2.00%
		Closing Date	1/7/2015
		First Interest Payment	7/15/2015
		First Principal Payment	1/15/2016

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
1/7/2015							
7/15/2015		26,111.11	26,111.11	1,958.33	13,750.00	41,819.44	
1/15/2016	101,128.00	25,000.00	126,128.00	1,875.00		128,003.00	169,822.44
7/15/2016		23,988.72	23,988.72	1,799.15		25,787.87	
1/15/2017	103,325.00	23,988.72	127,313.72	1,799.15		129,112.87	154,900.75
7/15/2017		22,955.47	22,955.47	1,721.66		24,677.13	
1/15/2018	105,571.00	22,955.47	128,526.47	1,721.66		130,248.13	154,925.26
7/15/2018		21,899.76	21,899.76	1,642.48		23,542.24	
1/15/2019	107,865.00	21,899.76	129,764.76	1,642.48		131,407.24	154,949.48
7/15/2019		20,821.11	20,821.11	1,561.58		22,382.69	
1/15/2020	110,210.00	20,821.11	131,031.11	1,561.58		132,592.69	154,975.39
7/15/2020		19,719.01	19,719.01	1,478.93		21,197.94	
1/15/2021	112,605.00	19,719.01	132,324.01	1,478.93		133,802.94	155,000.87
7/15/2021		18,592.96	18,592.96	1,394.47		19,987.43	
1/15/2022	115,052.00	18,592.96	133,644.96	1,394.47		135,039.43	155,026.86
7/15/2022		17,442.44	17,442.44	1,308.18		18,750.62	
1/15/2023	117,553.00	17,442.44	134,995.44	1,308.18		136,303.62	155,054.25
7/15/2023		16,266.91	16,266.91	1,220.02		17,486.93	
1/15/2024	120,108.00	16,266.91	136,374.91	1,220.02		137,594.93	155,081.86
7/15/2024		15,065.83	15,065.83	1,129.94		16,195.77	
1/15/2025	122,718.00	15,065.83	137,783.83	1,129.94		138,913.77	155,109.53
7/15/2025		13,838.65	13,838.65	1,037.90		14,876.55	
1/15/2026	125,385.00	13,838.65	139,223.65	1,037.90		140,261.55	155,138.10
7/15/2026		12,584.80	12,584.80	943.86		13,528.66	
1/15/2027	128,110.00	12,584.80	140,694.80	943.86		141,638.66	155,167.32
7/15/2027		11,303.70	11,303.70	847.78		12,151.48	
1/15/2028	130,895.00	11,303.70	142,198.70	847.78		143,046.48	155,197.96
7/15/2028		9,994.75	9,994.75	749.61		10,744.36	
1/15/2029	133,739.00	9,994.75	143,733.75	749.61		144,483.36	155,227.71
7/15/2029		8,657.36	8,657.36	649.30		9,306.66	
1/15/2030	136,646.00	8,657.36	145,303.36	649.30		145,952.66	155,259.32
7/15/2030		7,290.90	7,290.90	546.82		7,837.72	
1/15/2031	139,616.00	7,290.90	146,906.90	546.82		147,453.72	155,291.44
7/15/2031		5,894.74	5,894.74	442.11		6,336.85	
1/15/2032	142,650.00	5,894.74	148,544.74	442.11		148,986.85	155,323.69
7/15/2032		4,468.24	4,468.24	335.12		4,803.36	
1/15/2033	145,751.00	4,468.24	150,219.24	335.12		150,554.36	155,357.72
7/15/2033		3,010.73	3,010.73	225.80		3,236.53	
1/15/2034	148,918.00	3,010.73	151,928.73	225.80		152,154.53	155,391.07
7/15/2034		1,521.55	1,521.55	114.12		1,635.67	
1/15/2035	152,155.00	1,521.55	153,676.55	114.12		153,790.67	155,426.33
7/15/2035							
	2,500,000.00	561,746.37	3,061,746.37	42,130.98	13,750.00	3,117,627.35	3,117,627.35

Notes:

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 19
MWRA Loan Amortization
DW-14-11

Initial Loan Amount	6,876,818.00	Loan Origination Fee ($5.50/1000)	37,822.50
Principal Forgiveness		Loan Term (in years)	20
Net Loan Obligation	6,876,818.00	Loan Rate	2.00%
		Closing Date	2/11/2016
		First Interest Payment	7/15/2016
		First Principal Payment	1/15/2017

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
2/11/2016							
7/15/2016		58,835.00	58,835.00	4,412.62	37,822.50	101,070.12	
1/15/2017	278,174.00	68,768.18	346,942.18	5,157.61		352,099.79	453,169.92
7/15/2017		65,986.44	65,986.44	4,948.98		70,935.42	
1/15/2018	284,220.00	65,986.44	350,206.44	4,948.98		355,155.42	426,090.85
7/15/2018		63,144.24	63,144.24	4,735.82		67,880.06	
1/15/2019	290,397.00	63,144.24	353,541.24	4,735.82		358,277.06	426,157.12
7/15/2019		60,240.27	60,240.27	4,518.02		64,758.29	
1/15/2020	296,708.00	60,240.27	356,948.27	4,518.02		361,466.29	426,224.58
7/15/2020		57,273.19	57,273.19	4,295.49		61,568.68	
1/15/2021	303,157.00	57,273.19	360,430.19	4,295.49		364,725.68	426,294.36
7/15/2021		54,241.62	54,241.62	4,068.12		58,309.74	
1/15/2022	309,746.00	54,241.62	363,987.62	4,068.12		368,055.74	426,365.48
7/15/2022		51,144.16	51,144.16	3,835.81		54,979.97	
1/15/2023	316,478.00	51,144.16	367,622.16	3,835.81		371,457.97	426,437.94
7/15/2023		47,979.38	47,979.38	3,598.45		51,577.83	
1/15/2024	323,356.00	47,979.38	371,335.38	3,598.45		374,933.83	426,511.67
7/15/2024		44,745.82	44,745.82	3,355.94		48,101.76	
1/15/2025	330,384.00	44,745.82	375,129.82	3,355.94		378,485.76	426,587.51
7/15/2025		41,441.98	41,441.98	3,108.15		44,550.13	
1/15/2026	337,564.00	41,441.98	379,005.98	3,108.15		382,114.13	426,664.26
7/15/2026		38,066.34	38,066.34	2,854.98		40,921.32	
1/15/2027	344,900.00	38,066.34	382,966.34	2,854.98		385,821.32	426,742.63
7/15/2027		34,617.34	34,617.34	2,596.30		37,213.64	
1/15/2028	352,396.00	34,617.34	387,013.34	2,596.30		389,609.64	426,823.28
7/15/2028		31,093.38	31,093.38	2,332.00		33,425.38	
1/15/2029	360,055.00	31,093.38	391,148.38	2,332.00		393,480.38	426,905.77
7/15/2029		27,492.83	27,492.83	2,061.96		29,554.79	
1/15/2030	367,881.00	27,492.83	395,373.83	2,061.96		397,435.79	426,990.58
7/15/2030		23,814.02	23,814.02	1,786.05		25,600.07	
1/15/2031	375,876.00	23,814.02	399,690.02	1,786.05		401,476.07	427,076.14
7/15/2031		20,055.26	20,055.26	1,504.14		21,559.40	
1/15/2032	384,045.00	20,055.26	404,100.26	1,504.14		405,604.40	427,163.81
7/15/2032		16,214.81	16,214.81	1,216.11		17,430.92	
1/15/2033	392,392.00	16,214.81	408,606.81	1,216.11		409,822.92	427,253.84
7/15/2033		12,290.89	12,290.89	921.82		13,212.71	
1/15/2034	400,920.00	12,290.89	413,210.89	921.82		414,132.71	427,345.41
7/15/2034		8,281.69	8,281.69	621.13		8,902.82	
1/15/2035	409,633.00	8,281.69	417,914.69	621.13		418,535.82	427,438.63
7/15/2035		4,185.36	4,185.36	313.90		4,499.26	
1/15/2036	418,536.00	4,185.36	422,721.36	313.90		423,035.26	427,534.52
7/15/2036							
	6,876,818.00	1,532,221.22	8,409,039.22	114,916.59	37,822.50	8,561,778.31	8,561,778.31

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 19
MWRA Loan Amortization
DW-14-13

Initial Loan Amount	3,000,000.00	Loan Origination Fee ($5.50/1000)	16,500.00
Principal Forgiveness		Loan Term (in years)	20
Net Loan Obligation	3,000,000.00	Loan Rate	2.00%
		Closing Date	2/11/2016
		First Interest Payment	7/15/2016
		First Principal Payment	1/15/2017

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
2/11/2016							
7/15/2016		25,666.67	25,666.67	1,925.00	16,500.00	44,091.67	
1/15/2017	121,353.00	30,000.00	151,353.00	2,250.00		153,603.00	197,694.67
7/15/2017		28,786.47	28,786.47	2,158.99		30,945.46	
1/15/2018	123,990.00	28,786.47	152,776.47	2,158.99		154,935.46	185,880.91
7/15/2018		27,546.57	27,546.57	2,065.99		29,612.56	
1/15/2019	126,685.00	27,546.57	154,231.57	2,065.99		156,297.56	185,910.13
7/15/2019		26,279.72	26,279.72	1,970.98		28,250.70	
1/15/2020	129,439.00	26,279.72	155,718.72	1,970.98		157,689.70	185,940.40
7/15/2020		24,985.33	24,985.33	1,873.90		26,859.23	
1/15/2021	132,252.00	24,985.33	157,237.33	1,873.90		159,111.23	185,970.46
7/15/2021		23,662.81	23,662.81	1,774.71		25,437.52	
1/15/2022	135,126.00	23,662.81	158,788.81	1,774.71		160,563.52	186,001.04
7/15/2022		22,311.55	22,311.55	1,673.37		23,984.92	
1/15/2023	138,063.00	22,311.55	160,374.55	1,673.37		162,047.92	186,032.83
7/15/2023		20,930.92	20,930.92	1,569.82		22,500.74	
1/15/2024	141,063.00	20,930.92	161,993.92	1,569.82		163,563.74	186,064.48
7/15/2024		19,520.29	19,520.29	1,464.02		20,984.31	
1/15/2025	144,129.00	19,520.29	163,649.29	1,464.02		165,113.31	186,097.62
7/15/2025		18,079.00	18,079.00	1,355.93		19,434.93	
1/15/2026	147,262.00	18,079.00	165,341.00	1,355.93		166,696.93	186,131.85
7/15/2026		16,606.38	16,606.38	1,245.48		17,851.86	
1/15/2027	150,462.00	16,606.38	167,068.38	1,245.48		168,313.86	186,165.72
7/15/2027		15,101.76	15,101.76	1,132.63		16,234.39	
1/15/2028	153,732.00	15,101.76	168,833.76	1,132.63		169,966.39	186,200.78
7/15/2028		13,564.44	13,564.44	1,017.33		14,581.77	
1/15/2029	157,074.00	13,564.44	170,638.44	1,017.33		171,655.77	186,237.55
7/15/2029		11,993.70	11,993.70	899.53		12,893.23	
1/15/2030	160,487.00	11,993.70	172,480.70	899.53		173,380.23	186,273.46
7/15/2030		10,388.83	10,388.83	779.16		11,167.99	
1/15/2031	163,975.00	10,388.83	174,363.83	779.16		175,142.99	186,310.98
7/15/2031		8,749.08	8,749.08	656.18		9,405.26	
1/15/2032	167,539.00	8,749.08	176,288.08	656.18		176,944.26	186,349.52
7/15/2032		7,073.69	7,073.69	530.53		7,604.22	
1/15/2033	171,180.00	7,073.69	178,253.69	530.53		178,784.22	186,388.43
7/15/2033		5,361.89	5,361.89	402.14		5,764.03	
1/15/2034	174,901.00	5,361.89	180,262.89	402.14		180,665.03	186,429.06
7/15/2034		3,612.88	3,612.88	270.97		3,883.85	
1/15/2035	178,702.00	3,612.88	182,314.88	270.97		182,585.85	186,469.69
7/15/2035		1,825.86	1,825.86	136.94		1,962.80	
1/15/2036	182,586.00	1,825.86	184,411.86	136.94		184,548.80	186,511.60
7/15/2036							
	3,000,000.00	668,429.01	3,668,429.01	50,132.18	16,500.00	3,735,061.18	3,735,061.18

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 19
MWRA Loan Amortization
DW-14-14

Initial Loan Amount	3,000,000.00	Loan Origination Fee ($5.50/1000)	16,500.00
Principal Forgiveness		Loan Term (in years)	20
Net Loan Obligation	3,000,000.00	Loan Rate	2.00%
		Closing Date	2/11/2016
		First Interest Payment	7/15/2016
		First Principal Payment	1/15/2017

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
2/11/2016							
7/15/2016		25,666.67	25,666.67	1,925.00	16,500.00	44,091.67	
1/15/2017	121,353.00	30,000.00	151,353.00	2,250.00		153,603.00	197,694.67
7/15/2017		28,786.47	28,786.47	2,158.99		30,945.46	
1/15/2018	123,990.00	28,786.47	152,776.47	2,158.99		154,935.46	185,880.91
7/15/2018		27,546.57	27,546.57	2,065.99		29,612.56	
1/15/2019	126,685.00	27,546.57	154,231.57	2,065.99		156,297.56	185,910.13
7/15/2019		26,279.72	26,279.72	1,970.98		28,250.70	
1/15/2020	129,439.00	26,279.72	155,718.72	1,970.98		157,689.70	185,940.40
7/15/2020		24,985.33	24,985.33	1,873.90		26,859.23	
1/15/2021	132,252.00	24,985.33	157,237.33	1,873.90		159,111.23	185,970.46
7/15/2021		23,662.81	23,662.81	1,774.71		25,437.52	
1/15/2022	135,126.00	23,662.81	158,788.81	1,774.71		160,563.52	186,001.04
7/15/2022		22,311.55	22,311.55	1,673.37		23,984.92	
1/15/2023	138,063.00	22,311.55	160,374.55	1,673.37		162,047.92	186,032.83
7/15/2023		20,930.92	20,930.92	1,569.82		22,500.74	
1/15/2024	141,063.00	20,930.92	161,993.92	1,569.82		163,563.74	186,064.48
7/15/2024		19,520.29	19,520.29	1,464.02		20,984.31	
1/15/2025	144,129.00	19,520.29	163,649.29	1,464.02		165,113.31	186,097.62
7/15/2025		18,079.00	18,079.00	1,355.93		19,434.93	
1/15/2026	147,262.00	18,079.00	165,341.00	1,355.93		166,696.93	186,131.85
7/15/2026		16,606.38	16,606.38	1,245.48		17,851.86	
1/15/2027	150,462.00	16,606.38	167,068.38	1,245.48		168,313.86	186,165.72
7/15/2027		15,101.76	15,101.76	1,132.63		16,234.39	
1/15/2028	153,732.00	15,101.76	168,833.76	1,132.63		169,966.39	186,200.78
7/15/2028		13,564.44	13,564.44	1,017.33		14,581.77	
1/15/2029	157,074.00	13,564.44	170,638.44	1,017.33		171,655.77	186,237.55
7/15/2029		11,993.70	11,993.70	899.53		12,893.23	
1/15/2030	160,487.00	11,993.70	172,480.70	899.53		173,380.23	186,273.46
7/15/2030		10,388.83	10,388.83	779.16		11,167.99	
1/15/2031	163,975.00	10,388.83	174,363.83	779.16		175,142.99	186,310.98
7/15/2031		8,749.08	8,749.08	656.18		9,405.26	
1/15/2032	167,539.00	8,749.08	176,288.08	656.18		176,944.26	186,349.52
7/15/2032		7,073.69	7,073.69	530.53		7,604.22	
1/15/2033	171,180.00	7,073.69	178,253.69	530.53		178,784.22	186,388.43
7/15/2033		5,361.89	5,361.89	402.14		5,764.03	
1/15/2034	174,901.00	5,361.89	180,262.89	402.14		180,665.03	186,429.06
7/15/2034		3,612.88	3,612.88	270.97		3,883.85	
1/15/2035	178,702.00	3,612.88	182,314.88	270.97		182,585.85	186,469.69
7/15/2035		1,825.86	1,825.86	136.94		1,962.80	
1/15/2036	182,586.00	1,825.86	184,411.86	136.94		184,548.80	186,511.60
7/15/2036							
	3,000,000.00	668,429.01	3,668,429.01	50,132.18	16,500.00	3,735,061.18	3,735,061.18

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 10
MWRA
CW-98-73-A
Final Structuring Analysis

AMENDED SCHEDULE C

Net Borrower Savings due to 2006 Refunding:	10,691.28
G.E.	75.00%

Schedule of Payments

Initial Principal Amount:	458,986.00

	Schedule of Payments			Subsidy Amounts			Net Payments		
Date	Principal	Interest	Total	Equity Earnings	Commonwealth Subsidies	Total	Principal	Interest	Total
01-Feb-07	0.00	11,251.79	11,251.79	3,597.90	423.10	4,021.00	0.00	7,230.79	7,230.79
01-Aug-07	9,479.00	10,820.46	20,299.46	3,597.90	13,906.31	17,504.21	2,795.26	0.00	2,795.26
01-Feb-08	0.00	10,583.48	10,583.48	3,523.60	101.09	3,624.68	0.00	6,958.80	6,958.80
01-Aug-08	9,844.00	10,583.48	20,427.48	3,523.60	13,906.31	17,429.90	2,997.58	0.00	2,997.58
01-Feb-09	0.00	10,337.38	10,337.38	3,446.43	101.09	3,547.52	0.00	6,789.87	6,789.87
01-Aug-09	10,113.00	10,337.38	20,450.38	3,446.43	13,906.31	17,352.74	3,097.65	0.00	3,097.65
01-Feb-10	0.00	10,185.69	10,185.69	3,367.16	101.09	3,468.24	0.00	6,717.45	6,717.45
01-Aug-10	10,282.00	10,185.69	20,467.69	3,367.16	13,906.31	17,273.46	3,194.23	0.00	3,194.23
01-Feb-11	0.00	10,031.46	10,031.46	3,286.56	101.09	3,387.65	0.00	6,643.82	6,643.82
01-Aug-11	10,566.00	10,031.46	20,597.46	3,286.56	13,906.31	17,192.87	3,404.60	0.00	3,404.60
01-Feb-12	0.00	9,767.31	9,767.31	3,203.73	101.09	3,304.82	0.00	6,462.49	6,462.49
01-Aug-12	10,865.00	9,767.31	20,632.31	3,203.73	13,906.31	17,110.04	3,522.27	0.00	3,522.27
01-Feb-13	0.00	9,593.47	9,593.47	3,118.56	101.09	3,219.65	0.00	6,373.82	6,373.82
01-Aug-13	11,190.00	9,593.47	20,783.47	3,118.56	13,906.31	17,024.87	3,758.60	0.00	3,758.60
01-Feb-14	0.00	9,299.73	9,299.73	3,030.85	101.09	3,131.94	0.00	6,167.80	6,167.80
01-Aug-14	11,647.00	9,299.73	20,946.73	3,030.85	13,906.31	16,937.16	4,009.58	0.00	4,009.58
01-Feb-15	0.00	8,993.99	8,993.99	2,939.55	101.09	3,040.64	0.00	5,953.36	5,953.36
01-Aug-15	15,000.00	8,993.99	23,993.99	2,939.55	13,906.31	16,845.86	7,148.14	0.00	7,148.14
01-Feb-16	0.00	8,600.24	8,600.24	2,821.97	101.09	2,923.06	0.00	5,677.19	5,677.19
01-Aug-16	15,000.00	8,453.97	23,453.97	2,821.97	13,796.60	16,618.57	6,835.40	0.00	6,835.40
01-Feb-17	0.00	8,230.61	8,230.61	2,704.39	119.17	2,823.56	0.00	5,407.05	5,407.05
01-Aug-17	15,000.00	8,066.68	23,066.68	2,704.39	13,801.45	16,505.83	6,560.85	0.00	6,560.85
01-Feb-18	0.00	7,834.47	7,834.47	2,586.80	117.38	2,704.19	0.00	5,130.28	5,130.28
01-Aug-18	15,000.00	7,701.79	22,701.79	2,586.80	13,823.09	16,409.90	6,291.89	0.00	6,291.89
01-Feb-19	0.00	7,423.25	7,423.25	2,469.22	90.21	2,559.44	0.00	4,863.81	4,863.81
01-Aug-19	15,000.00	7,355.51	22,355.51	2,469.22	13,844.63	16,313.85	6,041.66	0.00	6,041.66
01-Feb-20	0.00	7,002.11	7,002.11	2,351.64	55.62	2,407.26	0.00	4,594.86	4,594.86
01-Aug-20	15,000.00	7,014.42	22,014.42	2,351.64	13,870.06	16,221.70	5,792.71	0.00	5,792.71
01-Feb-21	0.00	6,566.38	6,566.38	2,234.06	10.06	2,244.12	0.00	4,322.26	4,322.26
01-Aug-21	15,000.00	6,669.28	21,669.28	2,234.06	13,892.46	16,126.52	5,542.76	0.00	5,542.76
01-Feb-22	0.00	6,160.77	6,160.77	2,116.48	0.00	2,116.48	0.00	4,044.29	4,044.29
01-Aug-22	15,000.00	6,206.74	21,206.74	2,116.48	13,826.80	15,943.28	5,263.46	0.00	5,263.46
01-Feb-23	0.00	5,903.23	5,903.23	1,998.89	75.21	2,074.10	0.00	3,829.13	3,829.13
01-Aug-23	15,000.00	5,750.51	20,750.51	1,998.89	13,765.88	15,764.78	4,985.73	0.00	4,985.73
01-Feb-24	0.00	5,756.38	5,756.38	1,881.31	246.32	2,127.63	0.00	3,628.75	3,628.75
01-Aug-24	20,000.00	5,241.73	25,241.73	1,881.31	13,665.54	15,546.86	9,694.87	0.00	9,694.87
01-Feb-25	0.00	5,417.92	5,417.92	1,724.54	429.03	2,153.57	0.00	3,264.35	3,264.35
01-Aug-25	20,000.00	4,953.38	24,953.38	1,724.54	14,234.25	15,958.79	8,994.59	0.00	8,994.59
01-Feb-26	0.00	4,925.12	4,925.12	1,567.76	429.03	1,996.79	0.00	2,928.33	2,928.33
01-Aug-26	20,000.00	4,461.33	24,461.33	1,567.76	14,234.25	15,802.01	8,659.32	0.00	8,659.32
01-Feb-27	0.00	4,432.21	4,432.21	1,410.98	429.03	1,840.01	0.00	2,592.20	2,592.20
01-Aug-27	20,000.00	3,311.43	23,311.43	1,410.98	14,234.25	15,645.23	7,666.19	0.00	7,666.19
01-Feb-28	0.00	3,947.74	3,947.74	1,254.21	429.03	1,683.24	0.00	2,264.50	2,264.50
01-Aug-28	20,000.00	3,480.20	23,480.20	1,254.21	14,234.25	15,488.46	7,991.74	0.00	7,991.74
01-Feb-29	0.00	3,454.94	3,454.94	1,097.43	429.03	1,526.46	0.00	1,928.48	1,928.48
01-Aug-29	20,000.00	2,990.20	22,990.20	1,097.43	14,234.25	15,331.68	7,658.52	0.00	7,658.52
01-Feb-30	0.00	2,962.01	2,962.01	940.66	429.03	1,369.69	0.00	1,592.33	1,592.33
01-Aug-30	20,000.00	2,500.75	22,500.75	940.66	14,234.25	15,174.91	7,325.85	0.00	7,325.85
01-Feb-31	0.00	2,468.94	2,468.94	783.88	429.03	1,212.91	0.00	1,256.03	1,256.03
01-Aug-31	25,000.00	1,904.82	26,904.82	783.88	14,234.25	15,018.13	11,886.69	0.00	11,886.69
01-Feb-32	0.00	1,852.14	1,852.14	587.91	429.03	1,016.94	0.00	835.20	835.20
01-Aug-32	25,000.00	1,287.72	26,287.72	587.91	14,234.25	14,822.16	11,465.56	0.00	11,465.56
01-Feb-33	0.00	1,235.25	1,235.25	391.94	429.03	820.97	0.00	414.28	414.28
01-Aug-33	25,000.00	670.13	25,670.13	391.94	14,234.25	14,626.19	11,043.94	0.00	11,043.94
01-Feb-34	0.00	625.00	625.00	195.97	429.03	625.00	0.00	0.00	0.00
01-Aug-34	25,000.00	92.32	25,092.32	195.97	14,234.25	14,430.22	10,662.10	0.00	10,662.10
	$458,986.00	$362,568.96	$821,554.96	$121,268.74	$398,122.96	$519,391.71	$184,291.73	$117,871.53	$302,163.26

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 10

SCHEDULE C

MWRA
CW-98-73-A
inal Structuring Analysis

Grant Equivalency: 66.87%

Schedule of Payments

Initial Principal Amount: $477,312.00

	Schedule of payments			Subsidy Amounts: Equity	Subsidy Amounts: Commonwealth		Net Payments		
Date	Principal	Interest	Total	Earnings	Subsidies	Total	Principal	Interest	Total
23-Nov-04									
01-Feb-05	$0.00	$4,348.16	$4,348.16	$1,413.48	$429.03	$1,842.51	$0.00	$2,505.65	$2,505.65
01-Aug-05	9,102.00	11,509.85	20,611.85	3,741.55	14,234.25	17,975.80	2,636.05	0.00	2,636.05
01-Feb-06	0.00	11,396.08	11,396.08	3,670.20	429.03	4,099.23	0.00	7,296.85	7,296.85
01-Aug-06	9,224.00	11,396.08	20,620.08	3,670.20	14,234.25	17,904.45	2,715.63	0.00	2,715.63
01-Feb-07	0.00	11,257.72	11,257.72	3,597.90	429.03	4,026.93	0.00	7,230.79	7,230.79
01-Aug-07	9,479.00	11,257.72	20,736.72	3,597.90	14,234.25	17,832.15	2,904.57	0.00	2,904.57
01-Feb-08	0.00	11,020.74	11,020.74	3,523.60	429.03	3,952.63	0.00	7,068.11	7,068.11
01-Aug-08	9,844.00	11,020.74	20,864.74	3,523.60	14,234.25	17,757.85	3,106.89	0.00	3,106.89
01-Feb-09	0.00	10,774.64	10,774.64	3,446.43	429.03	3,875.46	0.00	6,899.18	6,899.18
01-Aug-09	10,113.00	10,774.64	20,887.64	3,446.43	14,234.25	17,680.68	3,206.96	0.00	3,206.96
01-Feb-10	0.00	10,622.95	10,622.95	3,367.16	429.03	3,796.19	0.00	6,826.76	6,826.76
01-Aug-10	10,282.00	10,622.95	20,904.95	3,367.16	14,234.25	17,601.41	3,303.54	0.00	3,303.54
01-Feb-11	0.00	10,468.72	10,468.72	3,286.56	429.03	3,715.59	0.00	6,753.13	6,753.13
01-Aug-11	10,566.00	10,468.72	21,034.72	3,286.56	14,234.25	17,520.81	3,513.91	0.00	3,513.91
01-Feb-12	0.00	10,204.57	10,204.57	3,203.73	429.03	3,632.76	0.00	6,571.81	6,571.81
01-Aug-12	10,865.00	10,204.57	21,069.57	3,203.73	14,234.25	17,437.98	3,631.59	0.00	3,631.59
01-Feb-13	0.00	10,030.73	10,030.73	3,118.56	429.03	3,547.59	0.00	6,483.14	6,483.14
01-Aug-13	11,190.00	10,030.73	21,220.73	3,118.56	14,234.25	17,352.81	3,867.92	0.00	3,867.92
01-Feb-14	0.00	9,736.99	9,736.99	3,030.85	429.03	3,459.88	0.00	6,277.11	6,277.11
01-Aug-14	11,647.00	9,736.99	21,383.99	3,030.85	14,234.25	17,265.10	4,118.89	0.00	4,118.89
01-Feb-15	0.00	9,431.25	9,431.25	2,939.55	429.03	3,368.58	0.00	6,062.67	6,062.67
01-Aug-15	15,000.00	9,431.25	24,431.25	2,939.55	14,234.25	17,173.80	7,257.45	0.00	7,257.45
01-Feb-16	0.00	9,037.50	9,037.50	2,821.97	429.03	3,251.00	0.00	5,786.50	5,786.50
01-Aug-16	15,000.00	9,037.50	24,037.50	2,821.97	14,234.25	17,056.22	6,981.28	0.00	6,981.28
01-Feb-17	0.00	8,643.75	8,643.75	2,704.39	429.03	3,133.42	0.00	5,510.33	5,510.33
01-Aug-17	15,000.00	8,643.75	23,643.75	2,704.39	14,234.25	16,938.64	6,705.11	0.00	6,705.11
01-Feb-18	0.00	8,250.00	8,250.00	2,586.80	429.03	3,015.83	0.00	5,234.17	5,234.17
01-Aug-18	15,000.00	8,250.00	23,250.00	2,586.80	14,234.25	16,821.05	6,428.95	0.00	6,428.95
01-Feb-19	0.00	7,875.00	7,875.00	2,469.22	429.03	2,898.25	0.00	4,976.75	4,976.75
01-Aug-19	15,000.00	7,875.00	22,875.00	2,469.22	14,234.25	16,703.47	6,171.53	0.00	6,171.53
01-Feb-20	0.00	7,500.00	7,500.00	2,351.64	429.03	2,780.67	0.00	4,719.33	4,719.33
01-Aug-20	15,000.00	7,500.00	22,500.00	2,351.64	14,234.25	16,585.89	5,914.11	0.00	5,914.11
01-Feb-21	0.00	7,125.00	7,125.00	2,234.06	429.03	2,663.09	0.00	4,461.91	4,461.91
01-Aug-21	15,000.00	7,125.00	22,125.00	2,234.06	14,234.25	16,468.31	5,656.69	0.00	5,656.69
01-Feb-22	0.00	6,750.00	6,750.00	2,116.48	429.03	2,545.51	0.00	4,204.49	4,204.49
01-Aug-22	15,000.00	6,750.00	21,750.00	2,116.48	14,234.25	16,350.73	5,399.27	0.00	5,399.27
01-Feb-23	0.00	6,375.00	6,375.00	1,998.89	429.03	2,427.92	0.00	3,947.08	3,947.08
01-Aug-23	15,000.00	6,375.00	21,375.00	1,998.89	14,234.25	16,233.14	5,141.86	0.00	5,141.86
01-Feb-24	0.00	6,000.00	6,000.00	1,881.31	429.03	2,310.34	0.00	3,689.66	3,689.66
01-Aug-24	20,000.00	6,000.00	26,000.00	1,881.31	14,234.25	16,115.56	9,884.44	0.00	9,884.44
01-Feb-25	0.00	5,500.00	5,500.00	1,724.54	429.03	2,153.57	0.00	3,346.43	3,346.43
01-Aug-25	20,000.00	5,500.00	25,500.00	1,724.54	14,234.25	15,958.79	9,541.21	0.00	9,541.21
01-Feb-26	0.00	5,000.00	5,000.00	1,567.76	429.03	1,996.79	0.00	3,003.21	3,003.21
01-Aug-26	20,000.00	5,000.00	25,000.00	1,567.76	14,234.25	15,802.01	9,197.99	0.00	9,197.99
01-Feb-27	0.00	4,500.00	4,500.00	1,410.98	429.03	1,840.01	0.00	2,659.99	2,659.99
01-Aug-27	20,000.00	4,500.00	24,500.00	1,410.98	14,234.25	15,645.23	8,854.77	0.00	8,854.77
01-Feb-28	0.00	4,000.00	4,000.00	1,254.21	429.03	1,683.24	0.00	2,316.76	2,316.76
01-Aug-28	20,000.00	4,000.00	24,000.00	1,254.21	14,234.25	15,488.46	8,511.54	0.00	8,511.54
01-Feb-29	0.00	3,500.00	3,500.00	1,097.43	429.03	1,526.46	0.00	1,973.54	1,973.54
01-Aug-29	20,000.00	3,500.00	23,500.00	1,097.43	14,234.25	15,331.68	8,168.32	0.00	8,168.32
01-Feb-30	0.00	3,000.00	3,000.00	940.66	429.03	1,369.69	0.00	1,630.31	1,630.31
01-Aug-30	20,000.00	3,000.00	23,000.00	940.66	14,234.25	15,174.91	7,825.09	0.00	7,825.09
01-Feb-31	0.00	2,500.00	2,500.00	783.88	429.03	1,212.91	0.00	1,287.09	1,287.09
01-Aug-31	25,000.00	2,500.00	27,500.00	783.88	14,234.25	15,018.13	12,481.87	0.00	12,481.87
01-Feb-32	0.00	1,875.00	1,875.00	587.91	429.03	1,016.94	0.00	858.06	858.06
01-Aug-32	25,000.00	1,875.00	26,875.00	587.91	14,234.25	14,822.16	12,052.84	0.00	12,052.84
01-Feb-33	0.00	1,250.00	1,250.00	391.94	429.03	820.97	0.00	429.03	429.03
01-Aug-33	25,000.00	1,250.00	26,250.00	391.94	14,234.25	14,626.19	11,623.81	0.00	11,623.81
01-Feb-34	0.00	625.00	625.00	195.97	429.03	625.00	0.00	0.00	0.00
01-Aug-34	25,000.00	625.00	25,625.00	195.97	14,234.25	14,430.22	11,194.78	0.00	11,194.78
01-Feb-35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	$477,312.00	$424,359.29	$901,671.29	$133,764.19	$439,898.40	$573,662.59	$197,998.86	$130,009.84	$328,008.70

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 10

MWRA

W-98-73-A

nal Structuring Analysis

Estimated Net Borrower Debt Service

Date	Principal Outstanding	Debt Service [Net of Accrued Interest]	LESS DSRF Earnings @ 3.919400%	LESS Contract Assistance	Estimated Net Debt Service	PLUS Administrative Fee Payable @ 0.075%	Estimated Total Payment	Estimated Total Payment [Fiscal Year ending] 30-Jun
23-Nov-04								
01-Feb-05	$477,312.00	$4,348.16	1,413.48	$429.03	$2,505.65	$135.24	$2,640.89	$2,640.89
01-Aug-05	477,312.00	20,611.85	3,741.55	14,234.25	2,636.05	357.98	2,994.03	--
01-Feb-06	468,210.00	11,396.08	3,670.20	429.03	7,296.85	351.16	7,648.01	10,642.04
01-Aug-06	468,210.00	20,620.08	3,670.20	14,234.25	2,715.63	351.16	3,066.79	--
01-Feb-07	458,986.00	11,257.72	3,597.90	429.03	7,230.79	344.24	7,575.03	10,641.82
01-Aug-07	458,986.00	20,736.72	3,597.90	14,234.25	2,904.57	344.24	3,248.81	--
01-Feb-08	449,507.00	11,020.74	3,523.60	429.03	7,068.11	337.13	7,405.24	10,654.05
01-Aug-08	449,507.00	20,864.74	3,523.60	14,234.25	3,106.89	337.13	3,444.02	--
01-Feb-09	439,663.00	10,774.64	3,446.43	429.03	6,899.18	329.75	7,228.93	10,672.95
01-Aug-09	439,663.00	20,887.64	3,446.43	14,234.25	3,206.96	329.75	3,536.71	--
01-Feb-10	429,550.00	10,622.95	3,367.16	429.03	6,826.76	322.16	7,148.92	10,685.63
01-Aug-10	429,550.00	20,904.95	3,367.16	14,234.25	3,303.54	322.16	3,625.70	--
01-Feb-11	419,268.00	10,468.72	3,286.56	429.03	6,753.13	314.45	7,067.58	10,693.28
01-Aug-11	419,268.00	21,034.72	3,286.56	14,234.25	3,513.91	314.45	3,828.36	--
01-Feb-12	408,702.00	10,204.57	3,203.73	429.03	6,571.81	306.53	6,878.34	10,706.70
01-Aug-12	408,702.00	21,069.57	3,203.73	14,234.25	3,631.59	306.53	3,938.12	--
01-Feb-13	397,837.00	10,030.73	3,118.56	429.03	6,483.14	298.38	6,781.52	10,719.64
01-Aug-13	397,837.00	21,220.73	3,118.56	14,234.25	3,867.92	298.38	4,166.30	--
01-Feb-14	386,647.00	9,736.99	3,030.85	429.03	6,277.11	289.99	6,567.10	10,733.40
01-Aug-14	386,647.00	21,383.99	3,030.85	14,234.25	4,118.89	289.99	4,408.88	--
01-Feb-15	375,000.00	9,431.25	2,939.55	429.03	6,062.67	281.25	6,343.92	10,752.80
01-Aug-15	375,000.00	24,431.25	2,939.55	14,234.25	7,257.45	281.25	7,538.70	--
01-Feb-16	360,000.00	9,037.50	2,821.97	429.03	5,786.50	270.00	6,056.50	13,595.20
01-Aug-16	360,000.00	24,037.50	2,821.97	14,234.25	6,981.28	270.00	7,251.28	--
01-Feb-17	345,000.00	8,643.75	2,704.39	429.03	5,510.33	258.75	5,769.08	13,020.36
01-Aug-17	345,000.00	23,643.75	2,704.39	14,234.25	6,705.11	258.75	6,963.86	--
01-Feb-18	330,000.00	8,250.00	2,586.80	429.03	5,234.17	247.50	5,481.67	12,445.53
01-Aug-18	330,000.00	23,250.00	2,586.80	14,234.25	6,428.95	247.50	6,676.45	--
01-Feb-19	315,000.00	7,875.00	2,469.22	429.03	4,976.75	236.25	5,213.00	11,889.45
01-Aug-19	315,000.00	22,875.00	2,469.22	14,234.25	6,171.53	236.25	6,407.78	--
01-Feb-20	300,000.00	7,500.00	2,351.64	429.03	4,719.33	225.00	4,944.33	11,352.11
01-Aug-20	300,000.00	22,500.00	2,351.64	14,234.25	5,914.11	225.00	6,139.11	--
01-Feb-21	285,000.00	7,125.00	2,234.06	429.03	4,461.91	213.75	4,675.66	10,814.77
01-Aug-21	285,000.00	22,125.00	2,234.06	14,234.25	5,656.69	213.75	5,870.44	--
01-Feb-22	270,000.00	6,750.00	2,116.48	429.03	4,204.49	202.50	4,406.99	10,277.43
01-Aug-22	270,000.00	21,750.00	2,116.48	14,234.25	5,399.27	202.50	5,601.77	--
01-Feb-23	255,000.00	6,375.00	1,998.89	429.03	3,947.08	191.25	4,138.33	9,740.10
01-Aug-23	255,000.00	21,375.00	1,998.89	14,234.25	5,141.86	191.25	5,333.11	--
01-Feb-24	240,000.00	6,000.00	1,881.31	429.03	3,689.66	180.00	3,869.66	9,202.77
01-Aug-24	240,000.00	26,000.00	1,881.31	14,234.25	9,884.44	180.00	10,064.44	--
01-Feb-25	220,000.00	5,500.00	1,724.54	429.03	3,346.43	165.00	3,511.43	13,575.87
01-Aug-25	220,000.00	25,500.00	1,724.54	14,234.25	9,541.21	165.00	9,706.21	--
01-Feb-26	200,000.00	5,000.00	1,567.76	429.03	3,003.21	150.00	3,153.21	12,859.42
01-Aug-26	200,000.00	25,000.00	1,567.76	14,234.25	9,197.99	150.00	9,347.99	--
01-Feb-27	180,000.00	4,500.00	1,410.98	429.03	2,659.99	135.00	2,794.99	12,142.98
01-Aug-27	180,000.00	24,500.00	1,410.98	14,234.25	8,854.77	135.00	8,989.77	--
01-Feb-28	160,000.00	4,000.00	1,254.21	429.03	2,316.76	120.00	2,436.76	11,426.53
01-Aug-28	160,000.00	24,000.00	1,254.21	14,234.25	8,511.54	120.00	8,631.54	--
01-Feb-29	140,000.00	3,500.00	1,097.43	429.03	1,973.54	105.00	2,078.54	10,710.08
01-Aug-29	140,000.00	23,500.00	1,097.43	14,234.25	8,168.32	105.00	8,273.32	--
01-Feb-30	120,000.00	3,000.00	940.66	429.03	1,630.31	90.00	1,720.31	9,993.63
01-Aug-30	120,000.00	23,000.00	940.66	14,234.25	7,825.09	90.00	7,915.09	--
01-Feb-31	100,000.00	2,500.00	783.88	429.03	1,287.09	75.00	1,362.09	9,277.18
01-Aug-31	100,000.00	27,500.00	783.88	14,234.25	12,481.87	75.00	12,556.87	--
01-Feb-32	75,000.00	1,875.00	587.91	429.03	858.06	56.25	914.31	13,471.18
01-Aug-32	75,000.00	26,875.00	587.91	14,234.25	12,052.84	56.25	12,109.09	--
01-Feb-33	50,000.00	1,250.00	391.94	429.03	429.03	37.50	466.53	12,575.62
01-Aug-33	50,000.00	26,250.00	391.94	14,234.25	11,623.81	37.50	11,661.31	--
01-Feb-34	25,000.00	625.00	195.97	429.03	0.00	18.75	18.75	11,680.06
01-Aug-34	25,000.00	25,625.00	195.97	14,234.25	11,194.78	18.75	11,213.53	--
01-Feb-35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11,213.53
01-Aug-35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
		$901,671.29	$133,764.19	$439,898.40	$328,008.70	$12,798.30	$340,807.00	$340,807.00

Average Annual Net Debt Service: $11,048.20

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 10
MWRA
CW-99-24-A
Final Structuring Analysis

AMENDED SCHEDULE C

Net Borrower Savings due to 2006 Refunding:	16,999.96
G.E.	50.00%

Schedule of Payments

Initial Principal Amount:	366,610.00

	Schedule of Payments			Subsidy Amounts			Net Payments		
Date	Principal	Interest	Total	Equity Earnings	Commonwealth Subsidies	Total	Principal	Interest	Total
01-Feb-07	0.00	8,964.99	8,964.99	2,873.78	338.53	3,212.31	0.00	5,752.68	5,752.68
01-Aug-07	8,117.00	8,623.38	16,740.38	2,873.78	5,345.26	8,219.04	8,117.00	404.34	8,521.34
01-Feb-08	0.00	8,420.46	8,420.46	2,810.15	170.07	2,980.23	0.00	5,440.24	5,440.24
01-Aug-08	8,413.00	8,420.46	16,833.46	2,810.15	5,345.26	8,155.42	8,413.00	265.05	8,678.05
01-Feb-09	0.00	8,210.13	8,210.13	2,744.21	170.07	2,914.28	0.00	5,295.85	5,295.85
01-Aug-09	8,634.00	8,210.13	16,844.13	2,744.21	5,345.26	8,089.47	8,634.00	120.66	8,754.66
01-Feb-10	0.00	8,080.62	8,080.62	2,676.53	170.07	2,846.60	0.00	5,234.02	5,234.02
01-Aug-10	8,773.00	8,080.62	16,853.62	2,676.53	5,345.26	8,021.79	8,773.00	58.83	8,831.83
01-Feb-11	0.00	7,949.03	7,949.03	2,607.76	170.07	2,777.83	0.00	5,171.20	5,171.20
01-Aug-11	9,006.00	7,949.03	16,955.03	2,607.76	5,345.26	7,953.02	9,002.01	0.00	9,002.01
01-Feb-12	0.00	7,723.88	7,723.88	2,537.16	170.07	2,707.23	0.00	5,016.65	5,016.65
01-Aug-12	9,252.00	7,723.88	16,975.88	2,537.16	5,345.26	7,882.42	9,093.46	0.00	9,093.46
01-Feb-13	0.00	7,575.85	7,575.85	2,464.64	170.07	2,634.71	0.00	4,941.14	4,941.14
01-Aug-13	9,520.00	7,575.85	17,095.85	2,464.64	5,345.26	7,809.90	9,285.95	0.00	9,285.95
01-Feb-14	0.00	7,325.95	7,325.95	2,390.01	170.07	2,560.08	0.00	4,765.87	4,765.87
01-Aug-14	9,895.00	7,325.95	17,220.95	2,390.01	5,345.26	7,735.27	9,485.68	0.00	9,485.68
01-Feb-15	0.00	7,066.20	7,066.20	2,312.45	170.07	2,482.52	0.00	4,583.68	4,583.68
01-Aug-15	10,000.00	7,066.20	17,066.20	2,312.45	5,345.26	7,657.71	9,408.49	0.00	9,408.49
01-Feb-16	0.00	6,803.70	6,803.70	2,234.06	170.07	2,404.13	0.00	4,399.57	4,399.57
01-Aug-16	10,000.00	6,733.60	16,733.60	2,234.06	5,310.21	7,544.27	9,189.33	0.00	9,189.33
01-Feb-17	0.00	6,557.92	6,557.92	2,155.67	178.43	2,334.10	0.00	4,223.82	4,223.82
01-Aug-17	10,000.00	6,475.48	16,475.48	2,155.67	5,312.40	7,468.07	9,007.41	0.00	9,007.41
01-Feb-18	0.00	6,290.87	6,290.87	2,077.28	176.15	2,253.44	0.00	4,037.43	4,037.43
01-Aug-18	10,000.00	6,233.38	16,233.38	2,077.28	5,322.60	7,399.88	8,833.50	0.00	8,833.50
01-Feb-19	0.00	6,008.67	6,008.67	1,998.89	160.06	2,158.95	0.00	3,849.72	3,849.72
01-Aug-19	10,000.00	6,003.67	16,003.67	1,998.89	5,332.75	7,331.64	8,672.03	0.00	8,672.03
01-Feb-20	0.00	5,717.49	5,717.49	1,920.51	139.46	2,059.97	0.00	3,657.52	3,657.52
01-Aug-20	10,000.00	5,777.73	15,777.73	1,920.51	5,344.77	7,265.28	8,512.45	0.00	8,512.45
01-Feb-21	0.00	5,413.01	5,413.01	1,842.12	112.22	1,954.34	0.00	3,458.67	3,458.67
01-Aug-21	15,000.00	5,443.31	20,443.31	1,842.12	5,302.56	7,144.68	13,298.63	0.00	13,298.63
01-Feb-22	0.00	4,976.74	4,976.74	1,724.54	81.59	1,806.13	0.00	3,170.61	3,170.61
01-Aug-22	15,000.00	4,985.64	19,985.64	1,724.54	5,261.23	6,985.77	12,999.87	0.00	12,999.87
01-Feb-23	0.00	4,745.41	4,745.41	1,606.95	153.43	1,760.38	0.00	2,985.03	2,985.03
01-Aug-23	15,000.00	4,534.08	19,534.08	1,606.95	5,222.95	6,829.91	12,704.18	0.00	12,704.18
01-Feb-24	0.00	4,557.34	4,557.34	1,489.37	246.89	1,736.26	0.00	2,821.08	2,821.08
01-Aug-24	15,000.00	4,174.86	19,174.86	1,489.37	5,230.84 *	6,720.21	12,454.65	0.00	12,454.65
01-Feb-25	0.00	4,244.47	4,244.47	1,371.79	343.22	1,715.01	0.00	2,529.46	2,529.46
01-Aug-25	15,000.00	3,543.88	18,543.88	1,371.79	5,518.41	6,890.20	11,653.68	0.00	11,653.68
01-Feb-26	0.00	3,880.30	3,880.30	1,254.21	343.22	1,597.43	0.00	2,282.87	2,282.87
01-Aug-26	15,000.00	3,180.86	18,180.86	1,254.21	5,518.41	6,772.62	11,408.25	0.00	11,408.25
01-Feb-27	0.00	3,515.93	3,515.93	1,136.63	343.22	1,479.85	0.00	2,036.09	2,036.09
01-Aug-27	15,000.00	1,821.06	16,821.06	1,136.63	5,518.41	6,655.04	10,166.03	0.00	10,166.03
01-Feb-28	0.00	3,165.08	3,165.08	1,019.04	343.22	1,362.26	0.00	1,802.81	1,802.81
01-Aug-28	15,000.00	2,459.07	17,459.07	1,019.04	5,518.41	6,537.45	10,921.61	0.00	10,921.61
01-Feb-29	0.00	2,801.02	2,801.02	901.46	343.22	1,244.68	0.00	1,556.33	1,556.33
01-Aug-29	15,000.00	2,099.18	17,099.18	901.46	5,518.41	6,419.87	10,679.31	0.00	10,679.31
01-Feb-30	0.00	2,436.76	2,436.76	783.88	343.22	1,127.10	0.00	1,309.66	1,309.66
01-Aug-30	20,000.00	1,523.90	21,523.90	783.88	5,518.41	6,302.29	15,221.61	0.00	15,221.61
01-Feb-31	0.00	1,950.30	1,950.30	627.10	343.22	970.32	0.00	979.97	979.97
01-Aug-31	20,000.00	1,047.71	21,047.71	627.10	5,518.41	6,145.51	14,902.20	0.00	14,902.20
01-Feb-32	0.00	1,463.42	1,463.42	470.33	343.22	813.55	0.00	649.87	649.87
01-Aug-32	20,000.00	560.35	20,560.35	470.33	5,518.41	5,988.74	14,571.61	0.00	14,571.61
01-Feb-33	0.00	976.41	976.41	313.55	343.22	656.77	0.00	319.63	319.63
01-Aug-33	20,000.00	72.20	20,072.20	313.55	5,518.41	5,831.96	14,240.24	0.00	14,240.24
01-Feb-34	0.00	500.00	500.00	156.78	343.22	500.00	0.00	0.00	0.00
01-Aug-34	20,000.00	0.00	20,000.00	156.78	5,870.69	6,027.47	13,972.53	0.00	13,972.53
	$366,610.00	$284,967.44	$651,577.44	$97,001.69	$157,833.64	$254,835.33	$303,621.71	$93,120.39	$396,742.11

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 10

SCHEDULE C

MWRA
CW-99-24-A
inal Structuring Analysis

Grant Equivalency: 42.13%

Schedule of Payments

Initial Principal Amount: $382,316.00

Date	Schedule of payments Principal	Interest	Total	Subsidy Amounts Equity Earnings	Commonwealth Subsidies	Total	Net Payments Principal	Interest	Total
23-Nov-04									
01-Feb-05	$0.00	$3,470.17	$3,470.17	$1,132.16	$343.22	$1,475.38	$0.00	$1,994.79	$1,994.79
01-Aug-05	7,803.00	9,185.77	16,988.77	2,996.90	5,518.41	8,515.31	7,803.00	670.46	8,473.46
01-Feb-06	0.00	9,088.23	9,088.23	2,935.73	343.22	3,278.95	0.00	5,809.28	5,809.28
01-Aug-06	7,903.00	9,088.23	16,991.23	2,935.73	5,518.41	8,454.14	7,903.00	634.09	8,537.09
01-Feb-07	0.00	8,969.68	8,969.68	2,873.78	343.22	3,217.00	0.00	5,752.68	5,752.68
01-Aug-07	8,117.00	8,969.68	17,086.68	2,873.78	5,518.41	8,392.19	8,117.00	577.49	8,694.49
01-Feb-08	0.00	8,766.76	8,766.76	2,810.15	343.22	3,153.37	0.00	5,613.39	5,613.39
01-Aug-08	8,413.00	8,766.76	17,179.76	2,810.15	5,518.41	8,328.56	8,413.00	438.20	8,851.20
01-Feb-09	0.00	8,556.43	8,556.43	2,744.21	343.22	3,087.43	0.00	5,469.00	5,469.00
01-Aug-09	8,634.00	8,556.43	17,190.43	2,744.21	5,518.41	8,262.62	8,634.00	293.81	8,927.81
01-Feb-10	0.00	8,426.92	8,426.92	2,676.53	343.22	3,019.75	0.00	5,407.17	5,407.17
01-Aug-10	8,773.00	8,426.92	17,199.92	2,676.53	5,518.41	8,194.94	8,773.00	231.98	9,004.98
01-Feb-11	0.00	8,295.33	8,295.33	2,607.76	343.22	2,950.98	0.00	5,344.35	5,344.35
01-Aug-11	9,006.00	8,295.33	17,301.33	2,607.76	5,518.41	8,126.17	9,006.00	169.16	9,175.16
01-Feb-12	0.00	8,070.18	8,070.18	2,537.16	343.22	2,880.38	0.00	5,189.80	5,189.80
01-Aug-12	9,252.00	8,070.18	17,322.18	2,537.16	5,518.41	8,055.57	9,252.00	14.61	9,266.61
01-Feb-13	0.00	7,922.15	7,922.15	2,464.64	343.22	2,807.86	0.00	5,114.29	5,114.29
01-Aug-13	9,520.00	7,922.15	17,442.15	2,464.64	5,518.41	7,983.05	9,459.10	0.00	9,459.10
01-Feb-14	0.00	7,672.25	7,672.25	2,390.01	343.22	2,733.23	0.00	4,939.02	4,939.02
01-Aug-14	9,895.00	7,672.25	17,567.25	2,390.01	5,518.41	7,908.42	9,658.83	0.00	9,658.83
01-Feb-15	0.00	7,412.50	7,412.50	2,312.45	343.22	2,655.67	0.00	4,756.83	4,756.83
01-Aug-15	10,000.00	7,412.50	17,412.50	2,312.45	5,518.41	7,830.86	9,581.64	0.00	9,581.64
01-Feb-16	0.00	7,150.00	7,150.00	2,234.06	343.22	2,577.28	0.00	4,572.72	4,572.72
01-Aug-16	10,000.00	7,150.00	17,150.00	2,234.06	5,518.41	7,752.47	9,397.53	0.00	9,397.53
01-Feb-17	0.00	6,887.50	6,887.50	2,155.67	343.22	2,498.89	0.00	4,388.61	4,388.61
01-Aug-17	10,000.00	6,887.50	16,887.50	2,155.67	5,518.41	7,674.08	9,213.42	0.00	9,213.42
01-Feb-18	0.00	6,625.00	6,625.00	2,077.28	343.22	2,420.50	0.00	4,204.50	4,204.50
01-Aug-18	10,000.00	6,625.00	16,625.00	2,077.28	5,518.41	7,595.69	9,029.31	0.00	9,029.31
01-Feb-19	0.00	6,375.00	6,375.00	1,998.89	343.22	2,342.11	0.00	4,032.89	4,032.89
01-Aug-19	10,000.00	6,375.00	16,375.00	1,998.89	5,518.41	7,517.30	8,857.70	0.00	8,857.70
01-Feb-20	0.00	6,125.00	6,125.00	1,920.51	343.22	2,263.73	0.00	3,861.27	3,861.27
01-Aug-20	10,000.00	6,125.00	16,125.00	1,920.51	5,518.41	7,438.92	8,686.08	0.00	8,686.08
01-Feb-21	0.00	5,875.00	5,875.00	1,842.12	343.22	2,185.34	0.00	3,689.66	3,689.66
01-Aug-21	15,000.00	5,875.00	20,875.00	1,842.12	5,518.41	7,360.53	13,514.47	0.00	13,514.47
01-Feb-22	0.00	5,500.00	5,500.00	1,724.54	343.22	2,067.76	0.00	3,432.24	3,432.24
01-Aug-22	15,000.00	5,500.00	20,500.00	1,724.54	5,518.41	7,242.95	13,257.05	0.00	13,257.05
01-Feb-23	0.00	5,125.00	5,125.00	1,606.95	343.22	1,950.17	0.00	3,174.83	3,174.83
01-Aug-23	15,000.00	5,125.00	20,125.00	1,606.95	5,518.41	7,125.36	12,999.64	0.00	12,999.64
01-Feb-24	0.00	4,750.00	4,750.00	1,489.37	343.22	1,832.59	0.00	2,917.41	2,917.41
01-Aug-24	15,000.00	4,750.00	19,750.00	1,489.37	5,518.41	7,007.78	12,742.22	0.00	12,742.22
01-Feb-25	0.00	4,375.00	4,375.00	1,371.79	343.22	1,715.01	0.00	2,659.99	2,659.99
01-Aug-25	15,000.00	4,375.00	19,375.00	1,371.79	5,518.41	6,890.20	12,484.80	0.00	12,484.80
01-Feb-26	0.00	4,000.00	4,000.00	1,254.21	343.22	1,597.43	0.00	2,402.57	2,402.57
01-Aug-26	15,000.00	4,000.00	19,000.00	1,254.21	5,518.41	6,772.62	12,227.38	0.00	12,227.38
01-Feb-27	0.00	3,625.00	3,625.00	1,136.63	343.22	1,479.85	0.00	2,145.15	2,145.15
01-Aug-27	15,000.00	3,625.00	18,625.00	1,136.63	5,518.41	6,655.04	11,969.96	0.00	11,969.96
01-Feb-28	0.00	3,250.00	3,250.00	1,019.04	343.22	1,362.26	0.00	1,887.74	1,887.74
01-Aug-28	15,000.00	3,250.00	18,250.00	1,019.04	5,518.41	6,537.45	11,712.55	0.00	11,712.55
01-Feb-29	0.00	2,875.00	2,875.00	901.46	343.22	1,244.68	0.00	1,630.32	1,630.32
01-Aug-29	15,000.00	2,875.00	17,875.00	901.46	5,518.41	6,419.87	11,455.13	0.00	11,455.13
01-Feb-30	0.00	2,500.00	2,500.00	783.88	343.22	1,127.10	0.00	1,372.90	1,372.90
01-Aug-30	20,000.00	2,500.00	22,500.00	783.88	5,518.41	6,302.29	16,197.71	0.00	16,197.71
01-Feb-31	0.00	2,000.00	2,000.00	627.10	343.22	970.32	0.00	1,029.68	1,029.68
01-Aug-31	20,000.00	2,000.00	22,000.00	627.10	5,518.41	6,145.51	15,854.49	0.00	15,854.49
01-Feb-32	0.00	1,500.00	1,500.00	470.33	343.22	813.55	0.00	686.45	686.45
01-Aug-32	20,000.00	1,500.00	21,500.00	470.33	5,518.41	5,988.74	15,511.26	0.00	15,511.26
01-Feb-33	0.00	1,000.00	1,000.00	313.55	343.22	656.77	0.00	343.23	343.23
01-Aug-33	20,000.00	1,000.00	21,000.00	313.55	5,518.41	5,831.96	15,168.04	0.00	15,168.04
01-Feb-34	0.00	500.00	500.00	156.78	343.22	500.00	0.00	0.00	0.00
01-Aug-34	20,000.00	500.00	20,500.00	156.78	5,518.41	5,675.19	14,824.81	0.00	14,824.81
01-Feb-35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	$382,316.00	$339,091.80	$721,407.80	$107,002.22	$175,848.90	$282,851.12	$331,704.12	$106,852.56	$438,556.68

Estimated Net Borrower Debt Service

Date	Principal Outstanding	Debt Service [Net of Accrued Interest]	LESS DSRF Earnings @ 3.919400%	LESS Contract Assistance	Estimated Net Debt Service	PLUS Administrative Fee Payable @ 0.075%	Estimated Total Payment	Estimated Total Payment [Fiscal Year ending] 30-Jun
23-Nov-04								
01-Feb-05	$382,316.00	$3,470.17	1,132.16	$343.22	$1,994.79	$108.32	$2,103.11	$2,103.11
01-Aug-05	382,316.00	16,988.77	2,996.90	5,518.41	8,473.46	286.74	8,760.20	--
01-Feb-06	374,513.00	9,088.23	2,935.73	343.22	5,809.28	280.88	6,090.16	14,850.36
01-Aug-06	374,513.00	16,991.23	2,935.73	5,518.41	8,537.09	280.88	8,817.97	--
01-Feb-07	366,610.00	8,969.68	2,873.78	343.22	5,752.68	274.96	6,027.64	14,845.61
01-Aug-07	366,610.00	17,086.68	2,873.78	5,518.41	8,694.49	274.96	8,969.45	--
01-Feb-08	358,493.00	8,766.76	2,810.15	343.22	5,613.39	268.87	5,882.26	14,851.71
01-Aug-08	358,493.00	17,179.76	2,810.15	5,518.41	8,851.20	268.87	9,120.07	--
01-Feb-09	350,080.00	8,556.43	2,744.21	343.22	5,469.00	262.56	5,731.56	14,851.63
01-Aug-09	350,080.00	17,190.43	2,744.21	5,518.41	8,927.81	262.56	9,190.37	--
01-Feb-10	341,446.00	8,426.92	2,676.53	343.22	5,407.17	256.08	5,663.25	14,853.62
01-Aug-10	341,446.00	17,199.92	2,676.53	5,518.41	9,004.98	256.08	9,261.06	--
01-Feb-11	332,673.00	8,295.33	2,607.76	343.22	5,344.35	249.50	5,593.85	14,854.91
01-Aug-11	332,673.00	17,301.33	2,607.76	5,518.41	9,175.16	249.50	9,424.66	--
01-Feb-12	323,667.00	8,070.18	2,537.16	343.22	5,189.80	242.75	5,432.55	14,857.21
01-Aug-12	323,667.00	17,322.18	2,537.16	5,518.41	9,266.61	242.75	9,509.36	--
01-Feb-13	314,415.00	7,922.15	2,464.64	343.22	5,114.29	235.81	5,350.10	14,859.46
01-Aug-13	314,415.00	17,442.15	2,464.64	5,518.41	9,459.10	235.81	9,694.91	--
01-Feb-14	304,895.00	7,672.25	2,390.01	343.22	4,939.02	228.67	5,167.69	14,862.60
01-Aug-14	304,895.00	17,567.25	2,390.01	5,518.41	9,658.83	228.67	9,887.50	--
01-Feb-15	295,000.00	7,412.50	2,312.45	343.22	4,756.83	221.25	4,978.08	14,865.58
01-Aug-15	295,000.00	17,412.50	2,312.45	5,518.41	9,581.64	221.25	9,802.89	--
01-Feb-16	285,000.00	7,150.00	2,234.06	343.22	4,572.72	213.75	4,786.47	14,589.36
01-Aug-16	285,000.00	17,150.00	2,234.06	5,518.41	9,397.53	213.75	9,611.28	--
01-Feb-17	275,000.00	6,887.50	2,155.67	343.22	4,388.61	206.25	4,594.86	14,206.14
01-Aug-17	275,000.00	16,887.50	2,155.67	5,518.41	9,213.42	206.25	9,419.67	--
01-Feb-18	265,000.00	6,625.00	2,077.28	343.22	4,204.50	198.75	4,403.25	13,822.92
01-Aug-18	265,000.00	16,625.00	2,077.28	5,518.41	9,029.31	198.75	9,228.06	--
01-Feb-19	255,000.00	6,375.00	1,998.89	343.22	4,032.89	191.25	4,224.14	13,452.20
01-Aug-19	255,000.00	16,375.00	1,998.89	5,518.41	8,857.70	191.25	9,048.95	--
01-Feb-20	245,000.00	6,125.00	1,920.51	343.22	3,861.27	183.75	4,045.02	13,093.97
01-Aug-20	245,000.00	16,125.00	1,920.51	5,518.41	8,686.08	183.75	8,869.83	--
01-Feb-21	235,000.00	5,875.00	1,842.12	343.22	3,689.66	176.25	3,865.91	12,735.74
01-Aug-21	235,000.00	20,875.00	1,842.12	5,518.41	13,514.47	176.25	13,690.72	--
01-Feb-22	220,000.00	5,500.00	1,724.54	343.22	3,432.24	165.00	3,597.24	17,287.96
01-Aug-22	220,000.00	20,500.00	1,724.54	5,518.41	13,257.05	165.00	13,422.05	--
01-Feb-23	205,000.00	5,125.00	1,606.95	343.22	3,174.83	153.75	3,328.58	16,750.63
01-Aug-23	205,000.00	20,125.00	1,606.95	5,518.41	12,999.64	153.75	13,153.39	--
01-Feb-24	190,000.00	4,750.00	1,489.37	343.22	2,917.41	142.50	3,059.91	16,213.30
01-Aug-24	190,000.00	19,750.00	1,489.37	5,518.41	12,742.22	142.50	12,884.72	--
01-Feb-25	175,000.00	4,375.00	1,371.79	343.22	2,659.99	131.25	2,791.24	15,675.96
01-Aug-25	175,000.00	19,375.00	1,371.79	5,518.41	12,484.80	131.25	12,616.05	--
01-Feb-26	160,000.00	4,000.00	1,254.21	343.22	2,402.57	120.00	2,522.57	15,138.62
01-Aug-26	160,000.00	19,000.00	1,254.21	5,518.41	12,227.38	120.00	12,347.38	--
01-Feb-27	145,000.00	3,625.00	1,136.63	343.22	2,145.15	108.75	2,253.90	14,601.28
01-Aug-27	145,000.00	18,625.00	1,136.63	5,518.41	11,969.96	108.75	12,078.71	--
01-Feb-28	130,000.00	3,250.00	1,019.04	343.22	1,887.74	97.50	1,985.24	14,063.95
01-Aug-28	130,000.00	18,250.00	1,019.04	5,518.41	11,712.55	97.50	11,810.05	--
01-Feb-29	115,000.00	2,875.00	901.46	343.22	1,630.32	86.25	1,716.57	13,526.62
01-Aug-29	115,000.00	17,875.00	901.46	5,518.41	11,455.13	86.25	11,541.38	--
01-Feb-30	100,000.00	2,500.00	783.88	343.22	1,372.90	75.00	1,447.90	12,989.28
01-Aug-30	100,000.00	22,500.00	783.88	5,518.41	16,197.71	75.00	16,272.71	--
01-Feb-31	80,000.00	2,000.00	627.10	343.22	1,029.68	60.00	1,089.68	17,362.39
01-Aug-31	80,000.00	22,000.00	627.10	5,518.41	15,854.49	60.00	15,914.49	--
01-Feb-32	60,000.00	1,500.00	470.33	343.22	686.45	45.00	731.45	16,645.94
01-Aug-32	60,000.00	21,500.00	470.33	5,518.41	15,511.26	45.00	15,556.26	--
01-Feb-33	40,000.00	1,000.00	313.55	343.22	343.23	30.00	373.23	15,929.49
01-Aug-33	40,000.00	21,000.00	313.55	5,518.41	15,168.04	30.00	15,198.04	--
01-Feb-34	20,000.00	500.00	156.78	343.22	0.00	15.00	15.00	15,213.04
01-Aug-34	20,000.00	20,500.00	156.78	5,518.41	14,824.81	15.00	14,839.81	--
01-Feb-35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14,839.81
01-Aug-35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
		$721,407.80	$107,002.22	$175,848.90	$438,556.68	$10,237.72	$448,794.40	$448,794.40

Average Annual Net Debt Service: $14,771.74

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 10
MWRA
DW-04-02
Final Loan Structuring Analysis

AMENDED SCHEDULE C

Net Borrower Savings due to 2006 Refunding: 49,268.32

G.E. 2.00%

Schedule of Loan Repayments

Initial Loan Obligation: 1,720,435.00

	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayment		
Date	Principal	Interest	Total	DSRF Earnings	Contract Assistance	Total	Principal	Interest	Total
01-Feb-07	0.00	41,190.13	41,190.13	11,237.33	2,291.04	13,528.37	0.00	27,661.76	27,661.76
01-Aug-07	71,260.00	39,916.44	111,176.44	11,237.33	7,582.34	18,819.67	71,260.00	21,096.77	92,356.77
01-Feb-08	0.00	38,134.94	38,134.94	10,771.88	2,102.06	12,873.95	0.00	25,261.00	25,261.00
01-Aug-08	73,940.00	38,134.94	112,074.94	10,771.88	7,582.34	18,354.22	73,940.00	19,780.72	93,720.72
01-Feb-09	0.00	36,286.44	36,286.44	10,288.93	2,102.06	12,391.00	0.00	23,895.45	23,895.45
01-Aug-09	75,949.00	36,286.44	112,235.44	10,288.93	7,582.34	17,871.27	75,949.00	18,415.17	94,364.17
01-Feb-10	0.00	35,147.21	35,147.21	9,792.86	2,102.06	11,894.92	0.00	23,252.29	23,252.29
01-Aug-10	78,034.00	35,147.21	113,181.21	9,792.86	7,582.34	17,375.20	78,034.00	17,772.02	95,806.02
01-Feb-11	0.00	33,196.36	33,196.36	9,283.16	2,102.06	11,385.23	0.00	21,811.14	21,811.14
01-Aug-11	80,155.00	33,196.36	113,351.36	9,283.16	7,582.34	16,865.50	80,155.00	16,330.86	96,485.86
01-Feb-12	0.00	31,994.03	31,994.03	8,759.62	2,102.06	10,861.68	0.00	21,132.35	21,132.35
01-Aug-12	82,356.00	31,994.03	114,350.03	8,759.62	7,582.34	16,341.96	82,356.00	15,652.08	98,008.08
01-Feb-13	0.00	29,935.13	29,935.13	8,221.69	2,102.06	10,323.76	0.00	19,611.38	19,611.38
01-Aug-13	85,565.00	29,935.13	115,500.13	8,221.69	7,582.34	15,804.03	85,565.00	14,131.10	99,696.10
01-Feb-14	0.00	27,689.05	27,689.05	7,662.81	2,102.06	9,764.87	0.00	17,924.18	17,924.18
01-Aug-14	88,176.00	27,689.05	115,865.05	7,662.81	7,582.34	15,245.15	88,176.00	12,443.90	100,619.90
01-Feb-15	0.00	26,190.06	26,190.06	7,086.87	2,102.06	9,188.94	0.00	17,001.13	17,001.13
01-Aug-15	90,000.00	26,190.06	116,190.06	7,086.87	7,582.34	14,669.21	90,000.00	11,520.85	101,520.85
01-Feb-16	0.00	23,827.56	23,827.56	6,499.02	2,102.06	8,601.09	0.00	15,226.48	15,226.48
01-Aug-16	95,000.00	22,158.35	117,158.35	6,499.02	7,315.41	13,814.44	95,000.00	8,343.91	103,343.91
01-Feb-17	0.00	21,469.28	21,469.28	5,878.51	2,123.73	8,002.24	0.00	13,467.04	13,467.04
01-Aug-17	100,000.00	19,581.11	119,581.11	5,878.51	7,302.06	13,180.58	100,000.00	6,400.54	106,400.54
01-Feb-18	0.00	18,916.08	18,916.08	5,225.34	2,135.21	7,360.55	0.00	11,555.53	11,555.53
01-Aug-18	100,000.00	17,120.47	117,120.47	5,225.34	7,328.35	12,553.69	100,000.00	4,566.78	104,566.78
01-Feb-19	0.00	16,411.88	16,411.88	4,572.18	2,134.54	6,706.71	0.00	9,705.17	9,705.17
01-Aug-19	105,000.00	14,655.85	119,655.85	4,572.18	7,334.00	11,906.18	105,000.00	2,749.67	107,749.67
01-Feb-20	0.00	13,796.17	13,796.17	3,886.35	2,136.02	6,022.37	0.00	7,773.80	7,773.80
01-Aug-20	110,000.00	12,115.58	122,115.58	3,886.35	7,347.55	11,233.90	110,000.00	881.68	110,881.68
01-Feb-21	0.00	11,076.91	11,076.91	3,167.86	2,140.94	5,308.80	0.00	5,768.11	5,768.11
01-Aug-21	115,000.00	9,436.25	124,436.25	3,167.86	7,358.85	10,526.72	113,909.53	0.00	113,909.53
01-Feb-22	0.00	8,271.96	8,271.96	2,416.72	2,152.14	4,568.86	0.00	3,703.10	3,703.10
01-Aug-22	120,000.00	5,925.22	125,925.22	2,416.72	7,257.14	9,673.87	116,251.35	0.00	116,251.35
01-Feb-23	0.00	5,728.94	5,728.94	1,632.92	2,225.22	3,858.14	0.00	1,870.80	1,870.80
01-Aug-23	125,000.00	2,289.16	127,289.16	1,632.92	7,277.21	8,910.13	118,379.03	0.00	118,379.03
01-Feb-24	0.00	2,980.04	2,980.04	816.46	2,163.58	2,980.04	0.00	0.00	0.00
01-Aug-24	125,000.00	0.00	125,000.00	816.46	7,893.75	8,710.21	116,289.79	0.00	116,289.79
01-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	$1,720,435.00	$824,013.89	$2,544,448.89	$234,401.06	$173,076.40	$407,477.46	$1,700,264.69	$436,706.74	$2,136,971.44

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 10

SCHEDULE C

MWRA
DW-04-02
nal Structuring Analysis

Financial Equivalent Interest Rate: 2.00%

Schedule of Loan Repayments

Initial Loan Obligation: $1,858,090.00

	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayments		
Date	Principal	Interest	Total	Equity Earnings	Contract Assistance Payments	Total	Principal	Interest	Total
23-Nov-04									
01-Feb-05	$0.00	$16,282.87	$16,282.87	$4,584.88	$2,308.54	$6,893.42	$0.00	$9,389.45	$9,389.45
01-Aug-05	68,302.00	43,101.70	111,403.70	12,136.45	7,788.82	19,925.27	68,302.00	23,176.43	91,478.43
01-Feb-06	0.00	42,247.93	42,247.93	11,690.32	2,308.54	13,998.86	0.00	28,249.07	28,249.07
01-Aug-06	69,353.00	42,247.93	111,600.93	11,690.32	7,788.82	19,479.14	69,353.00	22,768.79	92,121.79
01-Feb-07	0.00	41,207.63	41,207.63	11,237.33	2,308.54	13,545.87	0.00	27,661.76	27,661.76
01-Aug-07	71,260.00	41,207.63	112,467.63	11,237.33	7,788.82	19,026.15	71,260.00	22,181.48	93,441.48
01-Feb-08	0.00	39,426.13	39,426.13	10,771.88	2,308.54	13,080.42	0.00	26,345.71	26,345.71
01-Aug-08	73,940.00	39,426.13	113,366.13	10,771.88	7,788.82	18,560.70	73,940.00	20,865.43	94,805.43
01-Feb-09	0.00	37,577.63	37,577.63	10,288.93	2,308.54	12,597.47	0.00	24,980.16	24,980.16
01-Aug-09	75,949.00	37,577.63	113,526.63	10,288.93	7,788.82	18,077.75	75,949.00	19,499.88	95,448.88
01-Feb-10	0.00	36,438.40	36,438.40	9,792.86	2,308.54	12,101.40	0.00	24,337.00	24,337.00
01-Aug-10	78,034.00	36,438.40	114,472.40	9,792.86	7,788.82	17,581.68	78,034.00	18,856.72	96,890.72
01-Feb-11	0.00	34,487.55	34,487.55	9,283.16	2,308.54	11,591.70	0.00	22,895.85	22,895.85
01-Aug-11	80,155.00	34,487.55	114,642.55	9,283.16	7,788.82	17,071.98	80,155.00	17,415.57	97,570.57
01-Feb-12	0.00	33,285.22	33,285.22	8,759.62	2,308.54	11,068.16	0.00	22,217.06	22,217.06
01-Aug-12	82,356.00	33,285.22	115,641.22	8,759.62	7,788.82	16,548.44	82,356.00	16,736.78	99,092.78
01-Feb-13	0.00	31,226.32	31,226.32	8,221.69	2,308.54	10,530.23	0.00	20,696.09	20,696.09
01-Aug-13	85,565.00	31,226.32	116,791.32	8,221.69	7,788.82	16,010.51	85,565.00	15,215.81	100,780.81
01-Feb-14	0.00	28,980.24	28,980.24	7,662.81	2,308.54	9,971.35	0.00	19,008.89	19,008.89
01-Aug-14	88,176.00	28,980.24	117,156.24	7,662.81	7,788.82	15,451.63	88,176.00	13,528.61	101,704.61
01-Feb-15	0.00	27,481.25	27,481.25	7,086.87	2,308.54	9,395.41	0.00	18,085.84	18,085.84
01-Aug-15	90,000.00	27,481.25	117,481.25	7,086.87	7,788.82	14,875.69	90,000.00	12,605.56	102,605.56
01-Feb-16	0.00	25,118.75	25,118.75	6,499.02	2,308.54	8,807.56	0.00	16,311.19	16,311.19
01-Aug-16	95,000.00	25,118.75	120,118.75	6,499.02	7,788.82	14,287.84	95,000.00	10,830.91	105,830.91
01-Feb-17	0.00	22,625.00	22,625.00	5,878.51	2,308.54	8,187.05	0.00	14,437.95	14,437.95
01-Aug-17	100,000.00	22,625.00	122,625.00	5,878.51	7,788.82	13,667.33	100,000.00	8,957.67	108,957.67
01-Feb-18	0.00	20,000.00	20,000.00	5,225.34	2,308.54	7,533.88	0.00	12,466.12	12,466.12
01-Aug-18	100,000.00	20,000.00	120,000.00	5,225.34	7,788.82	13,014.16	100,000.00	6,985.84	106,985.84
01-Feb-19	0.00	17,500.00	17,500.00	4,572.18	2,308.54	6,880.72	0.00	10,619.28	10,619.28
01-Aug-19	105,000.00	17,500.00	122,500.00	4,572.18	7,788.82	12,361.00	105,000.00	5,139.00	110,139.00
01-Feb-20	0.00	14,875.00	14,875.00	3,886.35	2,308.54	6,194.89	0.00	8,680.11	8,680.11
01-Aug-20	110,000.00	14,875.00	124,875.00	3,886.35	7,788.82	11,675.17	110,000.00	3,199.83	113,199.83
01-Feb-21	0.00	12,125.00	12,125.00	3,167.87	2,308.54	5,476.41	0.00	6,648.59	6,648.59
01-Aug-21	115,000.00	12,125.00	127,125.00	3,167.87	7,788.82	10,956.69	115,000.00	1,168.31	116,168.31
01-Feb-22	0.00	9,250.00	9,250.00	2,416.72	2,308.54	4,725.26	0.00	4,524.74	4,524.74
01-Aug-22	120,000.00	9,250.00	129,250.00	2,416.72	7,788.82	10,205.54	119,044.46	0.00	119,044.46
01-Feb-23	0.00	6,250.00	6,250.00	1,632.92	2,308.54	3,941.46	0.00	2,308.54	2,308.54
01-Aug-23	125,000.00	6,250.00	131,250.00	1,632.92	7,788.82	9,421.74	121,828.26	0.00	121,828.26
01-Feb-24	0.00	3,125.00	3,125.00	816.46	2,308.54	3,125.00	0.00	0.00	0.00
01-Aug-24	125,000.00	3,125.00	128,125.00	816.46	7,788.82	8,605.28	119,519.72	0.00	119,519.72
01-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	$1,858,090.00	$1,025,838.67	$2,883,928.67	$274,503.01	$201,947.14	$476,450.15	$1,848,482.45	$558,996.07	$2,407,478.52

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 10

MWRA

W-04-02

nal Structuring Analysis

Estimated Net Borrower Debt Service

Date	Principal Outstanding	Debt Service [Net of Accrued Interest]	LESS DSRF Earnings @ 3.919400%	LESS Contract Assistance	Estimated Net Debt Service	PLUS Administrative Fee Payable @ 0.075%	Estimated Total Payment	Estimated Total Payment [Fiscal Year ending] 30-Jun
23-Nov-04								
01-Feb-05	$1,858,090.00	$16,282.87	4,584.88	$2,308.54	$9,389.45	$526.46	$9,915.91	$9,915.91
01-Aug-05	1,858,090.00	111,403.70	12,136.45	7,788.82	91,478.43	1,393.57	92,872.00	--
01-Feb-06	1,789,788.00	42,247.93	11,690.32	2,308.54	28,249.07	1,342.34	29,591.41	122,463.41
01-Aug-06	1,789,788.00	111,600.93	11,690.32	7,788.82	92,121.79	1,342.34	93,464.13	--
01-Feb-07	1,720,435.00	41,207.63	11,237.33	2,308.54	27,661.76	1,290.33	28,952.09	122,416.22
01-Aug-07	1,720,435.00	112,467.63	11,237.33	7,788.82	93,441.48	1,290.33	94,731.81	--
01-Feb-08	1,649,175.00	39,426.13	10,771.88	2,308.54	26,345.71	1,236.88	27,582.59	122,314.40
01-Aug-08	1,649,175.00	113,366.13	10,771.88	7,788.82	94,805.43	1,236.88	96,042.31	--
01-Feb-09	1,575,235.00	37,577.63	10,288.93	2,308.54	24,980.16	1,181.43	26,161.59	122,203.90
01-Aug-09	1,575,235.00	113,526.63	10,288.93	7,788.82	95,448.88	1,181.43	96,630.31	--
01-Feb-10	1,499,286.00	36,438.40	9,792.86	2,308.54	24,337.00	1,124.46	25,461.46	122,091.77
01-Aug-10	1,499,286.00	114,472.40	9,792.86	7,788.82	96,890.72	1,124.46	98,015.18	--
01-Feb-11	1,421,252.00	34,487.55	9,283.16	2,308.54	22,895.85	1,065.94	23,961.79	121,976.97
01-Aug-11	1,421,252.00	114,642.55	9,283.16	7,788.82	97,570.57	1,065.94	98,636.51	--
01-Feb-12	1,341,097.00	33,285.22	8,759.62	2,308.54	22,217.06	1,005.82	23,222.88	121,859.39
01-Aug-12	1,341,097.00	115,641.22	8,759.62	7,788.82	99,092.78	1,005.82	100,098.60	--
01-Feb-13	1,258,741.00	31,226.32	8,221.69	2,308.54	20,696.09	944.06	21,640.15	121,738.75
01-Aug-13	1,258,741.00	116,791.32	8,221.69	7,788.82	100,780.81	944.06	101,724.87	--
01-Feb-14	1,173,176.00	28,980.24	7,662.81	2,308.54	19,008.89	879.88	19,888.77	121,613.64
01-Aug-14	1,173,176.00	117,156.24	7,662.81	7,788.82	101,704.61	879.88	102,584.49	--
01-Feb-15	1,085,000.00	27,481.25	7,086.87	2,308.54	18,085.84	813.75	18,899.59	121,484.08
01-Aug-15	1,085,000.00	117,481.25	7,086.87	7,788.82	102,605.56	813.75	103,419.31	--
01-Feb-16	995,000.00	25,118.75	6,499.02	2,308.54	16,311.19	746.25	17,057.44	120,476.75
01-Aug-16	995,000.00	120,118.75	6,499.02	7,788.82	105,830.91	746.25	106,577.16	--
01-Feb-17	900,000.00	22,625.00	5,878.51	2,308.54	14,437.95	675.00	15,112.95	121,690.11
01-Aug-17	900,000.00	122,625.00	5,878.51	7,788.82	108,957.67	675.00	109,632.67	--
01-Feb-18	800,000.00	20,000.00	5,225.34	2,308.54	12,466.12	600.00	13,066.12	122,698.79
01-Aug-18	800,000.00	120,000.00	5,225.34	7,788.82	106,985.84	600.00	107,585.84	--
01-Feb-19	700,000.00	17,500.00	4,572.18	2,308.54	10,619.28	525.00	11,144.28	118,730.12
01-Aug-19	700,000.00	122,500.00	4,572.18	7,788.82	110,139.00	525.00	110,664.00	--
01-Feb-20	595,000.00	14,875.00	3,886.35	2,308.54	8,680.11	446.25	9,126.36	119,790.36
01-Aug-20	595,000.00	124,875.00	3,886.35	7,788.82	113,199.83	446.25	113,646.08	--
01-Feb-21	485,000.00	12,125.00	3,167.87	2,308.54	6,648.59	363.75	7,012.34	120,658.42
01-Aug-21	485,000.00	127,125.00	3,167.87	7,788.82	116,168.31	363.75	116,532.06	--
01-Feb-22	370,000.00	9,250.00	2,416.72	2,308.54	4,524.74	277.50	4,802.24	121,334.30
01-Aug-22	370,000.00	129,250.00	2,416.72	7,788.82	119,044.46	277.50	119,321.96	--
01-Feb-23	250,000.00	6,250.00	1,632.92	2,308.54	2,308.54	187.50	2,496.04	121,818.00
01-Aug-23	250,000.00	131,250.00	1,632.92	7,788.82	121,828.26	187.50	122,015.76	--
01-Feb-24	125,000.00	3,125.00	816.46	2,308.54	0.00	93.75	93.75	122,109.51
01-Aug-24	125,000.00	128,125.00	816.46	7,788.82	119,519.72	93.75	119,613.47	--
01-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	119,613.47
01-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
		$2,883,928.67	$274,503.01	$201,947.14	$2,407,478.46	$31,519.81	$2,438,998.27	$2,438,998.27

Average Annual Net Debt Service: $122,275.99

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 10
MWRA
DW-04-03
Final Loan Structuring Analysis

AMENDED SCHEDULE C

Net Borrower Savings due to 2006 Refunding: 186,683.63

G.E. 50.00%

Schedule of Loan Repayments

Initial Loan Obligation: 10,679,948.00

	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayment		
Date	Principal	Interest	Total	DSRF Earnings	Contract Assistance	Total	Principal	Interest	Total
01-Feb-07	0.00	255,976.71	255,976.71	83,717.98	14,390.43	98,108.41	0.00	157,868.30	157,868.30
01-Aug-07	432,351.00	247,912.63	680,263.63	83,717.98	238,442.61	322,160.58	358,103.05	0.00	358,103.05
01-Feb-08	0.00	237,103.86	237,103.86	80,328.86	10,413.78	90,742.64	0.00	146,361.22	146,361.22
01-Aug-08	448,132.00	237,103.86	685,235.86	80,328.86	238,442.61	318,771.47	366,464.39	0.00	366,464.39
01-Feb-09	0.00	225,900.56	225,900.56	76,816.05	10,413.78	87,229.83	0.00	138,670.74	138,670.74
01-Aug-09	459,806.00	225,900.56	685,706.56	76,816.05	238,442.61	315,258.65	370,447.91	0.00	370,447.91
01-Feb-10	0.00	219,003.47	219,003.47	73,211.72	10,413.78	83,625.50	0.00	135,377.97	135,377.97
01-Aug-10	471,905.00	219,003.47	690,908.47	73,211.72	238,442.61	311,654.33	379,254.15	0.00	379,254.15
01-Feb-11	0.00	207,205.84	207,205.84	69,512.55	10,413.78	79,926.33	0.00	127,279.51	127,279.51
01-Aug-11	484,197.00	207,205.84	691,402.84	69,512.55	238,442.61	307,955.16	383,447.68	0.00	383,447.68
01-Feb-12	0.00	199,942.89	199,942.89	65,717.03	10,413.78	76,130.81	0.00	123,812.08	123,812.08
01-Aug-12	496,937.00	199,942.89	696,879.89	65,717.03	238,442.61	304,159.63	392,720.26	0.00	392,720.26
01-Feb-13	0.00	187,519.46	187,519.46	61,821.64	10,413.78	72,235.42	0.00	115,284.04	115,284.04
01-Aug-13	515,733.00	187,519.46	703,252.46	61,821.64	238,442.61	300,264.24	402,988.22	0.00	402,988.22
01-Feb-14	0.00	173,981.47	173,981.47	57,778.91	10,413.78	68,192.69	0.00	105,788.78	105,788.78
01-Aug-14	530,887.00	173,981.47	704,868.47	57,778.91	238,442.61	296,221.52	408,646.96	0.00	408,646.96
01-Feb-15	0.00	164,956.39	164,956.39	53,617.39	10,413.78	64,031.17	0.00	100,925.22	100,925.22
01-Aug-15	545,000.00	164,956.39	709,956.39	53,617.39	238,442.61	292,060.00	417,896.39	0.00	417,896.39
01-Feb-16	0.00	150,650.14	150,650.14	49,345.25	10,413.78	59,759.03	0.00	90,891.12	90,891.12
01-Aug-16	570,000.00	140,848.92	710,848.92	49,345.25	233,542.00	282,887.24	427,961.68	0.00	427,961.68
01-Feb-17	0.00	136,505.46	136,505.46	44,877.13	10,822.69	55,699.82	0.00	80,805.64	80,805.64
01-Aug-17	590,000.00	125,632.10	715,632.10	44,877.13	233,414.83	278,291.96	437,340.13	0.00	437,340.13
01-Feb-18	0.00	121,412.13	121,412.13	40,252.24	11,019.77	51,272.01	0.00	70,140.12	70,140.12
01-Aug-18	615,000.00	110,530.01	725,530.01	40,252.24	233,607.54	273,859.78	451,670.23	0.00	451,670.23
01-Feb-19	0.00	105,969.51	105,969.51	35,431.38	10,985.96	46,417.34	0.00	59,552.17	59,552.17
01-Aug-19	635,000.00	95,627.03	730,627.03	35,431.38	233,843.55	269,274.93	461,352.10	0.00	461,352.10
01-Feb-20	0.00	90,078.67	90,078.67	30,453.74	10,978.05	41,431.78	0.00	48,646.89	48,646.89
01-Aug-20	710,000.00	79,288.36	789,288.36	30,453.74	233,611.72	264,065.45	525,222.91	0.00	525,222.91
01-Feb-21	0.00	72,511.71	72,511.71	24,888.19	11,069.57	35,957.76	0.00	36,553.96	36,553.96
01-Aug-21	735,000.00	62,149.44	797,149.44	24,888.19	233,917.26	258,805.45	538,343.99	0.00	538,343.99
01-Feb-22	0.00	54,548.78	54,548.78	19,126.67	11,275.60	30,402.27	0.00	24,146.51	24,146.51
01-Aug-22	765,000.00	39,751.34	804,751.34	19,126.67	231,905.71	251,032.38	553,718.96	0.00	553,718.96
01-Feb-23	0.00	38,383.67	38,383.67	13,129.99	12,755.55	25,885.54	0.00	12,498.14	12,498.14
01-Aug-23	830,000.00	15,563.55	845,563.55	13,129.99	229,864.28	242,994.27	602,569.28	0.00	602,569.28
01-Feb-24	0.00	20,145.06	20,145.06	6,623.79	13,521.27	20,145.06	0.00	0.00	0.00
01-Aug-24	845,000.00	0.00	845,000.00	6,623.79	234,400.32	241,024.10	603,975.90	0.00	603,975.90
01-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	$10,679,948.00	$5,194,713.15	$15,874,661.15	$1,773,300.97	$4,444,633.59	$6,217,934.56	$8,082,124.18	$1,574,602.41	$9,656,726.59

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 10

SCHEDULE C

MWRA
DW-04-03

nal Structuring Analysis

Grant Equivalency:	50.00%

Schedule of Loan Repayments

Initial Loan Obligation:	$11,517,167.00

	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayments		
Date	Principal	Interest	Total	Equity Earnings	Contract Assistance Payments	Total	Principal	Interest	Total
23-Nov-04									
01-Feb-05	$0.00	$101,095.55	$101,095.55	$34,106.07	$14,501.21	$48,607.28	$0.00	$52,488.27	$52,488.27
01-Aug-05	415,955.00	267,605.89	683,560.89	90,280.77	242,530.04	332,810.81	350,750.08	0.00	350,750.08
01-Feb-06	0.00	262,406.45	262,406.45	87,020.18	14,501.21	101,521.39	0.00	160,885.06	160,885.06
01-Aug-06	421,264.00	262,406.45	683,670.45	87,020.18	242,530.04	329,550.22	354,120.23	0.00	354,120.23
01-Feb-07	0.00	256,087.49	256,087.49	83,717.98	14,501.21	98,219.19	0.00	157,868.30	157,868.30
01-Aug-07	432,351.00	256,087.49	688,438.49	83,717.98	242,530.04	326,248.02	362,190.47	0.00	362,190.47
01-Feb-08	0.00	245,278.72	245,278.72	80,328.86	14,501.21	94,830.07	0.00	150,448.65	150,448.65
01-Aug-08	448,132.00	245,278.72	693,410.72	80,328.86	242,530.04	322,858.90	370,551.82	0.00	370,551.82
01-Feb-09	0.00	234,075.42	234,075.42	76,816.05	14,501.21	91,317.26	0.00	142,758.16	142,758.16
01-Aug-09	459,806.00	234,075.42	693,881.42	76,816.05	242,530.04	319,346.09	374,535.33	0.00	374,535.33
01-Feb-10	0.00	227,178.33	227,178.33	73,211.72	14,501.21	87,712.93	0.00	139,465.40	139,465.40
01-Aug-10	471,905.00	227,178.33	699,083.33	73,211.72	242,530.04	315,741.76	383,341.57	0.00	383,341.57
01-Feb-11	0.00	215,380.70	215,380.70	69,512.55	14,501.21	84,013.76	0.00	131,366.94	131,366.94
01-Aug-11	484,197.00	215,380.70	699,577.70	69,512.55	242,530.04	312,042.59	387,535.11	0.00	387,535.11
01-Feb-12	0.00	208,117.75	208,117.75	65,717.03	14,501.21	80,218.24	0.00	127,899.51	127,899.51
01-Aug-12	496,937.00	208,117.75	705,054.75	65,717.03	242,530.04	308,247.07	396,807.68	0.00	396,807.68
01-Feb-13	0.00	195,694.32	195,694.32	61,821.64	14,501.21	76,322.85	0.00	119,371.47	119,371.47
01-Aug-13	515,733.00	195,694.32	711,427.32	61,821.64	242,530.04	304,351.68	407,075.64	0.00	407,075.64
01-Feb-14	0.00	182,156.33	182,156.33	57,778.91	14,501.21	72,280.12	0.00	109,876.21	109,876.21
01-Aug-14	530,887.00	182,156.33	713,043.33	57,778.91	242,530.04	300,308.95	412,734.38	0.00	412,734.38
01-Feb-15	0.00	173,131.25	173,131.25	53,617.39	14,501.21	68,118.60	0.00	105,012.65	105,012.65
01-Aug-15	545,000.00	173,131.25	718,131.25	53,617.39	242,530.04	296,147.43	421,983.82	0.00	421,983.82
01-Feb-16	0.00	158,825.00	158,825.00	49,345.25	14,501.21	63,846.46	0.00	94,978.54	94,978.54
01-Aug-16	570,000.00	158,825.00	728,825.00	49,345.25	242,530.04	291,875.29	436,949.71	0.00	436,949.71
01-Feb-17	0.00	143,862.50	143,862.50	44,877.13	14,501.21	59,378.34	0.00	84,484.16	84,484.16
01-Aug-17	590,000.00	143,862.50	733,862.50	44,877.13	242,530.04	287,407.17	446,455.33	0.00	446,455.33
01-Feb-18	0.00	128,375.00	128,375.00	40,252.24	14,501.21	54,753.45	0.00	73,621.55	73,621.55
01-Aug-18	615,000.00	128,375.00	743,375.00	40,252.24	242,530.04	282,782.28	460,592.72	0.00	460,592.72
01-Feb-19	0.00	113,000.00	113,000.00	35,431.38	14,501.21	49,932.59	0.00	63,067.41	63,067.41
01-Aug-19	635,000.00	113,000.00	748,000.00	35,431.38	242,530.04	277,961.42	470,038.58	0.00	470,038.58
01-Feb-20	0.00	97,125.00	97,125.00	30,453.74	14,501.21	44,954.95	0.00	52,170.05	52,170.05
01-Aug-20	710,000.00	97,125.00	807,125.00	30,453.74	242,530.04	272,983.78	534,141.22	0.00	534,141.22
01-Feb-21	0.00	79,375.00	79,375.00	24,888.19	14,501.21	39,389.40	0.00	39,985.60	39,985.60
01-Aug-21	735,000.00	79,375.00	814,375.00	24,888.19	242,530.04	267,418.23	546,956.77	0.00	546,956.77
01-Feb-22	0.00	61,000.00	61,000.00	19,126.67	14,501.21	33,627.88	0.00	27,372.12	27,372.12
01-Aug-22	765,000.00	61,000.00	826,000.00	19,126.67	242,530.04	261,656.71	564,343.29	0.00	564,343.29
01-Feb-23	0.00	41,875.00	41,875.00	13,129.99	14,501.21	27,631.20	0.00	14,243.80	14,243.80
01-Aug-23	830,000.00	41,875.00	871,875.00	13,129.99	242,530.04	255,660.03	616,214.97	0.00	616,214.97
01-Feb-24	0.00	21,125.00	21,125.00	6,623.79	14,501.21	21,125.00	0.00	0.00	0.00
01-Aug-24	845,000.00	21,125.00	866,125.00	6,623.79	242,530.04	249,153.83	616,971.17	0.00	616,971.17
01-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	$11,517,167.00	$6,456,839.96	$17,974,006.96	$2,071,728.22	$5,140,624.93	$7,212,353.15	$8,914,289.96	$1,847,363.85	$10,761,653.81

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 10

MWRA
DW-04-03

Final Structuring Analysis

Estimated Net Borrower Debt Service

Date	Principal Outstanding	Debt Service [Net of Accrued Interest]	LESS DSRF Earnings @ 3.919400%	LESS Contract Assistance	Estimated Net Debt Service	PLUS Administrative Fee Payable @ 0.075%	Estimated Total Payment	Estimated Total Payment [Fiscal Year ending] 30-Jun
23-Nov-04								
01-Feb-05	$11,517,167.00	$101,095.55	34,106.07	$14,501.21	$52,488.27	$3,263.20	$55,751.47	$55,751.47
01-Aug-05	11,517,167.00	683,560.89	90,280.77	242,530.04	350,750.08	8,637.88	359,387.96	--
01-Feb-06	11,101,212.00	262,406.45	87,020.18	14,501.21	160,885.06	8,325.91	169,210.97	528,598.93
01-Aug-06	11,101,212.00	683,670.45	87,020.18	242,530.04	354,120.23	8,325.91	362,446.14	--
01-Feb-07	10,679,948.00	256,087.49	83,717.98	14,501.21	157,868.30	8,009.96	165,878.26	528,324.40
01-Aug-07	10,679,948.00	688,438.49	83,717.98	242,530.04	362,190.47	8,009.96	370,200.43	--
01-Feb-08	10,247,597.00	245,278.72	80,328.86	14,501.21	150,448.65	7,685.70	158,134.35	528,334.78
01-Aug-08	10,247,597.00	693,410.72	80,328.86	242,530.04	370,551.82	7,685.70	378,237.52	--
01-Feb-09	9,799,465.00	234,075.42	76,816.05	14,501.21	142,758.16	7,349.60	150,107.76	528,345.28
01-Aug-09	9,799,465.00	693,881.42	76,816.05	242,530.04	374,535.33	7,349.60	381,884.93	--
01-Feb-10	9,339,659.00	227,178.33	73,211.72	14,501.21	139,465.40	7,004.74	146,470.14	528,355.07
01-Aug-10	9,339,659.00	699,083.33	73,211.72	242,530.04	383,341.57	7,004.74	390,346.31	--
01-Feb-11	8,867,754.00	215,380.70	69,512.55	14,501.21	131,366.94	6,650.82	138,017.76	528,364.07
01-Aug-11	8,867,754.00	699,577.70	69,512.55	242,530.04	387,535.11	6,650.82	394,185.93	--
01-Feb-12	8,383,557.00	208,117.75	65,717.03	14,501.21	127,899.51	6,287.67	134,187.18	528,373.11
01-Aug-12	8,383,557.00	705,054.75	65,717.03	242,530.04	396,807.68	6,287.67	403,095.35	--
01-Feb-13	7,886,620.00	195,694.32	61,821.64	14,501.21	119,371.47	5,914.97	125,286.44	528,381.79
01-Aug-13	7,886,620.00	711,427.32	61,821.64	242,530.04	407,075.64	5,914.97	412,990.61	--
01-Feb-14	7,370,887.00	182,156.33	57,778.91	14,501.21	109,876.21	5,528.17	115,404.38	528,394.99
01-Aug-14	7,370,887.00	713,043.33	57,778.91	242,530.04	412,734.38	5,528.17	418,262.55	--
01-Feb-15	6,840,000.00	173,131.25	53,617.39	14,501.21	105,012.65	5,130.00	110,142.65	528,405.20
01-Aug-15	6,840,000.00	718,131.25	53,617.39	242,530.04	421,983.82	5,130.00	427,113.82	--
01-Feb-16	6,295,000.00	158,825.00	49,345.25	14,501.21	94,978.54	4,721.25	99,699.79	526,813.61
01-Aug-16	6,295,000.00	728,825.00	49,345.25	242,530.04	436,949.71	4,721.25	441,670.96	--
01-Feb-17	5,725,000.00	143,862.50	44,877.13	14,501.21	84,484.16	4,293.75	88,777.91	530,448.87
01-Aug-17	5,725,000.00	733,862.50	44,877.13	242,530.04	446,455.33	4,293.75	450,749.08	--
01-Feb-18	5,135,000.00	128,375.00	40,252.24	14,501.21	73,621.55	3,851.25	77,472.80	528,221.88
01-Aug-18	5,135,000.00	743,375.00	40,252.24	242,530.04	460,592.72	3,851.25	464,443.97	--
01-Feb-19	4,520,000.00	113,000.00	35,431.38	14,501.21	63,067.41	3,390.00	66,457.41	530,901.38
01-Aug-19	4,520,000.00	748,000.00	35,431.38	242,530.04	470,038.58	3,390.00	473,428.58	--
01-Feb-20	3,885,000.00	97,125.00	30,453.74	14,501.21	52,170.05	2,913.75	55,083.80	528,512.38
01-Aug-20	3,885,000.00	807,125.00	30,453.74	242,530.04	534,141.22	2,913.75	537,054.97	--
01-Feb-21	3,175,000.00	79,375.00	24,888.19	14,501.21	39,985.60	2,381.25	42,366.85	579,421.82
01-Aug-21	3,175,000.00	814,375.00	24,888.19	242,530.04	546,956.77	2,381.25	549,338.02	--
01-Feb-22	2,440,000.00	61,000.00	19,126.67	14,501.21	27,372.12	1,830.00	29,202.12	578,540.14
01-Aug-22	2,440,000.00	826,000.00	19,126.67	242,530.04	564,343.29	1,830.00	566,173.29	--
01-Feb-23	1,675,000.00	41,875.00	13,129.99	14,501.21	14,243.80	1,256.25	15,500.05	581,673.34
01-Aug-23	1,675,000.00	871,875.00	13,129.99	242,530.04	616,214.97	1,256.25	617,471.22	--
01-Feb-24	845,000.00	21,125.00	6,623.79	14,501.21	0.00	633.75	633.75	618,104.97
01-Aug-24	845,000.00	866,125.00	6,623.79	242,530.04	616,971.17	633.75	617,604.92	--
01-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	617,604.92
01-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
		$17,974,006.96	$2,071,728.22	$5,140,624.93	$10,761,653.74	$198,218.66	$10,959,872.40	$10,959,872.40

erage Annual Net Debt Service:	$546,585.12

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 9
MWRA
CW-05-04-A
Final Structuring Analysis

AMENDED SCHEDULE C

Net Borrower Savings due to 2006 Refunding: $396,435.03

G.E. 2.00%

Schedule of Payments

Remaining Principal Amount: 5,071,357.71

	Schedule of Payments			Subsidy Amounts			Net Payments		
Date	Principal	Interest	Total	Equity Earnings	Commonwealth Subsidies	Total	Principal	Interest	Total
01-Feb-07	0.00	124,074.35	124,074.35	35,396.23	5,434.78	40,831.01	0.00	83,243.34	83,243.34
01-Aug-07	121,440.49	118,569.86	240,010.35	35,396.23	18,790.48	54,186.71	121,440.49	64,383.15	185,823.64
01-Feb-08	0.00	116,141.05	116,141.05	34,548.62	4,409.79	38,958.40	0.00	77,182.64	77,182.64
01-Aug-08	123,581.23	116,141.05	239,722.28	34,548.62	18,790.48	53,339.09	123,581.23	62,801.95	186,383.18
01-Feb-09	0.00	114,719.86	114,719.86	33,686.07	4,409.79	38,095.85	0.00	76,624.00	76,624.00
01-Aug-09	124,955.18	114,719.86	239,675.04	33,686.07	18,790.48	52,476.54	124,955.18	62,243.31	187,198.49
01-Feb-10	0.00	113,032.97	113,032.97	32,813.92	4,409.79	37,223.71	0.00	75,809.25	75,809.25
01-Aug-10	126,787.53	113,032.97	239,820.50	32,813.92	18,790.48	51,604.40	126,787.53	61,428.56	188,216.09
01-Feb-11	0.00	111,131.16	111,131.16	31,928.99	4,409.79	36,338.78	0.00	74,792.38	74,792.38
01-Aug-11	130,483.43	111,131.16	241,614.59	31,928.99	18,790.48	50,719.47	130,483.43	60,411.69	190,895.12
01-Feb-12	0.00	107,542.86	107,542.86	31,018.27	4,409.79	35,428.05	0.00	72,114.80	72,114.80
01-Aug-12	134,646.50	107,542.86	242,189.36	31,018.27	18,790.48	49,808.74	134,646.50	57,734.11	192,380.61
01-Feb-13	0.00	105,119.23	105,119.23	30,078.48	4,409.79	34,488.27	0.00	70,630.96	70,630.96
01-Aug-13	138,984.06	105,119.23	244,103.29	30,078.48	18,790.48	48,868.96	138,984.06	56,250.27	195,234.33
01-Feb-14	0.00	101,297.16	101,297.16	29,108.42	4,409.79	33,518.21	0.00	67,778.94	67,778.94
01-Aug-14	144,622.80	101,297.16	245,919.96	29,108.42	18,790.48	47,898.90	144,622.80	53,398.25	198,021.05
01-Feb-15	0.00	97,320.03	97,320.03	28,099.01	4,409.79	32,508.80	0.00	64,811.23	64,811.23
01-Aug-15	151,004.79	97,320.03	248,324.82	28,099.01	18,790.48	46,889.49	151,004.79	50,430.54	201,435.33
01-Feb-16	0.00	93,167.40	93,167.40	27,045.05	4,409.79	31,454.84	0.00	61,712.56	61,712.56
01-Aug-16	155,764.16	93,167.40	248,931.56	27,045.05	18,790.48	45,835.53	155,764.16	47,331.87	203,096.03
01-Feb-17	0.00	90,052.12	90,052.12	25,957.87	4,409.79	30,367.66	0.00	59,684.45	59,684.45
01-Aug-17	161,389.06	90,926.32	252,315.38	25,957.87	18,963.02	44,920.90	161,389.06	46,005.43	207,394.49
01-Feb-18	0.00	85,595.64	85,595.64	24,831.44	4,366.37	29,197.80	0.00	56,397.84	56,397.84
01-Aug-18	166,905.51	89,635.47	256,540.98	24,831.44	19,544.40	44,375.84	166,905.51	45,259.63	212,165.14
01-Feb-19	0.00	81,529.48	81,529.48	23,666.50	4,263.84	27,930.34	0.00	53,599.14	53,599.14
01-Aug-19	172,530.41	83,303.02	255,833.43	23,666.50	18,994.58	42,661.08	172,530.41	40,641.94	213,172.35
01-Feb-20	0.00	76,342.30	76,342.30	22,462.30	4,091.36	26,553.66	0.00	49,788.65	49,788.65
01-Aug-20	178,155.32	79,214.59	257,369.91	22,462.30	19,038.96	41,501.26	178,155.32	37,713.34	215,868.66
01-Feb-21	0.00	70,707.23	70,707.23	21,218.84	3,858.22	25,077.06	0.00	45,630.17	45,630.17
01-Aug-21	185,294.38	75,071.66	260,366.04	21,218.84	19,100.33	40,319.17	185,294.38	34,752.49	220,046.87
01-Feb-22	0.00	64,378.26	64,378.26	19,925.55	3,523.36	23,448.91	0.00	40,929.35	40,929.35
01-Aug-22	191,784.82	69,159.04	260,943.86	19,925.55	18,847.64	38,773.19	191,784.82	30,385.84	222,170.66
01-Feb-23	0.00	61,337.57	61,337.57	18,586.96	3,869.54	22,456.50	0.00	38,881.06	38,881.06
01-Aug-23	198,923.88	62,946.07	261,869.95	18,586.96	18,567.70	37,154.66	198,923.88	25,791.40	224,715.28
01-Feb-24	0.00	59,784.09	59,784.09	17,198.55	5,511.33	22,709.88	0.00	37,074.22	37,074.22
01-Aug-24	206,171.39	45,159.41	251,330.80	17,198.55	19,892.02	37,090.57	206,171.39	8,068.84	214,240.23
01-Feb-25	0.00	54,756.01	54,756.01	15,759.55	5,511.33	21,270.88	0.00	33,485.13	33,485.13
01-Aug-25	214,933.06	39,493.09	254,426.15	15,759.55	19,892.02	35,651.57	214,933.06	3,841.52	218,774.58
01-Feb-26	0.00	49,514.66	49,514.66	14,259.39	5,511.33	19,770.72	0.00	29,743.93	29,743.93
01-Aug-26	222,937.66	33,265.97	256,203.63	14,259.39	19,892.02	34,151.41	222,052.22	0.00	222,052.22
01-Feb-27	0.00	44,089.08	44,089.08	12,703.37	5,511.33	18,214.70	0.00	25,874.38	25,874.38
01-Aug-27	231,699.32	27,018.55	258,717.87	12,703.37	19,892.02	32,595.39	226,122.48	0.00	226,122.48
01-Feb-28	0.00	38,455.07	38,455.07	11,086.19	5,511.33	16,597.52	0.00	21,857.54	21,857.54
01-Aug-28	240,460.99	20,380.07	260,841.06	11,086.19	19,892.02	30,978.21	229,862.84	0.00	229,862.84
01-Feb-29	0.00	32,617.44	32,617.44	9,407.86	5,511.33	14,919.19	0.00	17,698.24	17,698.24
01-Aug-29	250,088.19	13,730.14	263,818.33	9,407.86	19,892.02	29,299.88	234,518.45	0.00	234,518.45
01-Feb-30	0.00	26,548.42	26,548.42	7,662.34	5,511.33	13,173.67	0.00	13,374.75	13,374.75
01-Aug-30	260,472.47	6,647.28	267,119.75	7,662.34	19,892.02	27,554.36	239,565.39	0.00	239,565.39
01-Feb-31	0.00	20,233.41	20,233.41	5,844.34	5,511.33	11,355.67	0.00	8,877.75	8,877.75
01-Aug-31	270,099.67	0.00	270,099.67	5,844.34	20,735.36	26,579.69	243,519.98	0.00	243,519.98
01-Feb-32	0.00	13,696.55	13,696.55	3,959.14	5,511.33	9,470.47	0.00	4,226.08	4,226.08
01-Aug-32	281,241.02	0.00	281,241.02	3,959.14	28,957.87	32,917.01	248,324.01	0.00	248,324.01
01-Feb-33	0.00	7,507.51	7,507.51	1,996.18	5,511.33	7,507.51	0.00	0.00	0.00
01-Aug-33	286,000.39	0.00	286,000.39	1,996.18	36,313.59	38,309.77	247,690.62	0.00	247,690.62
	$5,071,357.71	$3,774,683.08	$8,846,040.79	$1,140,498.86	$674,831.02	$1,815,329.88	$4,920,013.99	$2,110,696.92	$7,030,710.91

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 9

Schedule C

MWRA
CW-05-04-A

Financial Equivalent Interest Rate 2.70%

Final Loan Structuring Analysis

Schedule of Payments

Initial Principal Amount	$5,190,854.61

	Scheduled of Payments			Subsidy Amounts: Commonwealth Subsidies			Net Payments		
	Principal	Interest	Total	Earnings	Payments	Total	Principal	Interest	Total
03-Nov-05									
01-Feb-06	0.00	61,280.21	61,280.21	17,712.58	2,694.43	20,407.01	0.00	40,873.20	40,873.20
01-Aug-06	119,496.90	125,345.86	244,842.76	36,230.28	19,892.02	56,122.30	119,496.90	69,223.56	188,720.46
01-Feb-07	0.00	124,150.90	124,150.90	35,396.23	5,511.33	40,907.56	0.00	83,243.34	83,243.34
01-Aug-07	121,440.49	124,150.90	245,591.39	35,396.23	19,892.02	55,288.25	121,440.49	68,862.65	190,303.14
01-Feb-08	0.00	121,722.09	121,722.09	34,548.61	5,511.33	40,059.94	0.00	81,662.15	81,662.15
01-Aug-08	123,581.23	121,722.09	245,303.32	34,548.61	19,892.02	54,440.63	123,581.23	67,281.46	190,862.69
01-Feb-09	0.00	120,300.90	120,300.90	33,686.06	5,511.33	39,197.39	0.00	81,103.51	81,103.51
01-Aug-09	124,955.18	120,300.90	245,256.08	33,686.06	19,892.02	53,578.08	124,955.18	66,722.82	191,678.00
01-Feb-10	0.00	118,614.01	118,614.01	32,813.92	5,511.33	38,325.25	0.00	80,288.76	80,288.76
01-Aug-10	126,787.53	118,614.01	245,401.54	32,813.92	19,892.02	52,705.94	126,787.53	65,908.07	192,695.60
01-Feb-11	0.00	116,712.20	116,712.20	31,928.99	5,511.33	37,440.32	0.00	79,271.88	79,271.88
01-Aug-11	130,483.43	116,712.20	247,195.63	31,928.99	19,892.02	51,821.01	130,483.43	64,891.19	195,374.62
01-Feb-12	0.00	113,123.90	113,123.90	31,018.27	5,511.33	36,529.60	0.00	76,594.30	76,594.30
01-Aug-12	134,646.50	113,123.90	247,770.40	31,018.27	19,892.02	50,910.29	134,646.50	62,213.61	196,860.11
01-Feb-13	0.00	110,700.27	110,700.27	30,078.49	5,511.33	35,589.82	0.00	75,110.45	75,110.45
01-Aug-13	138,984.06	110,700.27	249,684.33	30,078.49	19,892.02	49,970.51	138,984.06	60,729.76	199,713.82
01-Feb-14	0.00	106,878.20	106,878.20	29,108.43	5,511.33	34,619.76	0.00	72,258.44	72,258.44
01-Aug-14	144,622.80	106,878.20	251,501.00	29,108.43	19,892.02	49,000.45	144,622.80	57,877.75	202,500.55
01-Feb-15	0.00	102,901.07	102,901.07	28,099.01	5,511.33	33,610.34	0.00	69,290.73	69,290.73
01-Aug-15	151,004.79	102,901.07	253,905.86	28,099.01	19,892.02	47,991.03	151,004.79	54,910.04	205,914.83
01-Feb-16	0.00	98,748.44	98,748.44	27,045.05	5,511.33	32,556.38	0.00	66,192.06	66,192.06
01-Aug-16	155,764.16	98,748.44	254,512.60	27,045.05	19,892.02	46,937.07	155,764.16	51,811.37	207,575.53
01-Feb-17	0.00	95,633.16	95,633.16	25,957.88	5,511.33	31,469.21	0.00	64,163.95	64,163.95
01-Aug-17	161,389.06	95,633.16	257,022.22	25,957.88	19,892.02	45,849.90	161,389.06	49,783.26	211,172.32
01-Feb-18	0.00	91,396.69	91,396.69	24,831.44	5,511.33	30,342.77	0.00	61,053.92	61,053.92
01-Aug-18	166,905.51	91,396.69	258,302.20	24,831.44	19,892.02	44,723.46	166,905.51	46,673.23	213,578.74
01-Feb-19	0.00	87,849.96	87,849.96	23,666.50	5,511.33	29,177.83	0.00	58,672.13	58,672.13
01-Aug-19	172,530.41	87,849.96	260,380.37	23,666.50	19,892.02	43,558.52	172,530.41	44,291.44	216,821.85
01-Feb-20	0.00	83,536.70	83,536.70	22,462.29	5,511.33	27,973.62	0.00	55,563.08	55,563.08
01-Aug-20	178,155.32	83,536.70	261,692.02	22,462.29	19,892.02	42,354.31	178,155.32	41,182.39	219,337.71
01-Feb-21	0.00	79,082.81	79,082.81	21,218.84	5,511.33	26,730.17	0.00	52,352.64	52,352.64
01-Aug-21	185,294.38	79,082.81	264,377.19	21,218.84	19,892.02	41,110.86	185,294.38	37,971.95	223,266.33
01-Feb-22	0.00	74,450.46	74,450.46	19,925.55	5,511.33	25,436.88	0.00	49,013.58	49,013.58
01-Aug-22	191,784.82	74,450.46	266,235.28	19,925.55	19,892.02	39,817.57	191,784.82	34,632.89	226,417.71
01-Feb-23	0.00	69,655.83	69,655.83	18,586.96	5,511.33	24,098.29	0.00	45,557.54	45,557.54
01-Aug-23	198,923.88	69,655.83	268,579.71	18,586.96	19,892.02	38,478.98	198,923.88	31,176.85	230,100.73
01-Feb-24	0.00	64,682.73	64,682.73	17,198.55	5,511.33	22,709.88	0.00	41,972.85	41,972.85
01-Aug-24	206,171.39	64,682.73	270,854.12	17,198.55	19,892.02	37,090.57	206,171.39	27,592.16	233,763.55
01-Feb-25	0.00	59,270.74	59,270.74	15,759.54	5,511.33	21,270.87	0.00	37,999.87	37,999.87
01-Aug-25	214,933.06	59,270.74	274,203.80	15,759.54	19,892.02	35,651.56	214,933.06	23,619.18	238,552.24
01-Feb-26	0.00	53,628.74	53,628.74	14,259.39	5,511.33	19,770.72	0.00	33,858.02	33,858.02
01-Aug-26	222,937.66	53,628.74	276,566.40	14,259.39	19,892.02	34,151.41	222,937.66	19,477.33	242,414.99
01-Feb-27	0.00	47,776.63	47,776.63	12,703.37	5,511.33	18,214.70	0.00	29,561.93	29,561.93
01-Aug-27	231,699.32	47,776.63	279,475.95	12,703.37	19,892.02	32,595.39	231,699.32	15,181.24	246,880.56
01-Feb-28	0.00	41,694.52	41,694.52	11,086.20	5,511.33	16,597.53	0.00	25,096.99	25,096.99
01-Aug-28	240,460.99	41,694.52	282,155.51	11,086.20	19,892.02	30,978.22	240,460.99	10,716.30	251,177.29
01-Feb-29	0.00	35,382.42	35,382.42	9,407.86	5,511.33	14,919.19	0.00	20,463.23	20,463.23
01-Aug-29	250,088.19	35,382.42	285,470.61	9,407.86	19,892.02	29,299.88	250,088.19	6,082.54	256,170.73
01-Feb-30	0.00	28,817.61	28,817.61	7,662.34	5,511.33	13,173.67	0.00	15,643.94	15,643.94
01-Aug-30	260,472.47	28,817.61	289,290.08	7,662.34	19,892.02	27,554.36	260,321.89	1,413.83	261,735.72
01-Feb-31	0.00	21,980.20	21,980.20	5,844.34	5,511.33	11,355.67	0.00	10,624.53	10,624.53
01-Aug-31	270,099.67	21,980.20	292,079.87	5,844.34	19,892.02	25,736.36	266,343.51	0.00	266,343.51
01-Feb-32	0.00	14,890.08	14,890.08	3,959.14	5,511.33	9,470.47	0.00	5,419.61	5,419.61
01-Aug-32	281,241.02	14,890.08	296,131.10	3,959.14	19,892.02	23,851.16	272,279.94	0.00	272,279.94
01-Feb-33	0.00	7,507.51	7,507.51	1,996.18	5,511.33	7,507.51	0.00	0.00	0.00
01-Aug-33	286,000.39	7,507.51	293,507.90	1,996.18	19,892.02	21,888.20	271,619.70	0.00	271,619.70
	5,190,854.61	4,368,803.61	9,559,658.22	1,194,441.72	708,476.90	1,902,918.62	5,163,606.10	2,493,133.50	7,656,739.60

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 9

MWRA
CW-05-04-A

Schedule of Administrative Fee [After November 6, 2005]

Date	Principal Outstanding	Administrative Fee Payable @ 0.075%
03-Nov-05		
01-Feb-06	5,190,854.61	1,903.31
01-Aug-06	5,190,854.61	3,893.14
01-Feb-07	5,071,357.71	3,803.52
01-Aug-07	5,071,357.71	3,803.52
01-Feb-08	4,949,917.22	3,712.44
01-Aug-08	4,949,917.22	3,712.44
01-Feb-09	4,826,335.99	3,619.75
01-Aug-09	4,826,335.99	3,619.75
01-Feb-10	4,701,380.81	3,526.04
01-Aug-10	4,701,380.81	3,526.04
01-Feb-11	4,574,593.28	3,430.94
01-Aug-11	4,574,593.28	3,430.94
01-Feb-12	4,444,109.85	3,333.08
01-Aug-12	4,444,109.85	3,333.08
01-Feb-13	4,309,463.35	3,232.10
01-Aug-13	4,309,463.35	3,232.10
01-Feb-14	4,170,479.29	3,127.86
01-Aug-14	4,170,479.29	3,127.86
01-Feb-15	4,025,856.49	3,019.39
01-Aug-15	4,025,856.49	3,019.39
01-Feb-16	3,874,851.70	2,906.14
01-Aug-16	3,874,851.70	2,906.14
01-Feb-17	3,719,087.54	2,789.32
01-Aug-17	3,719,087.54	2,789.32
01-Feb-18	3,557,698.48	2,668.27
01-Aug-18	3,557,698.48	2,668.27
01-Feb-19	3,390,792.97	2,543.09
01-Aug-19	3,390,792.97	2,543.09
01-Feb-20	3,218,262.56	2,413.70
01-Aug-20	3,218,262.56	2,413.70
01-Feb-21	3,040,107.24	2,280.08
01-Aug-21	3,040,107.24	2,280.08
01-Feb-22	2,854,812.86	2,141.11
01-Aug-22	2,854,812.86	2,141.11
01-Feb-23	2,663,028.04	1,997.27
01-Aug-23	2,663,028.04	1,997.27
01-Feb-24	2,464,104.16	1,848.08
01-Aug-24	2,464,104.16	1,848.08
01-Feb-25	2,257,932.77	1,693.45
01-Aug-25	2,257,932.77	1,693.45
01-Feb-26	2,042,999.71	1,532.25
01-Aug-26	2,042,999.71	1,532.25
01-Feb-27	1,820,062.05	1,365.05
01-Aug-27	1,820,062.05	1,365.05
01-Feb-28	1,588,362.73	1,191.27
01-Aug-28	1,588,362.73	1,191.27
01-Feb-29	1,347,901.74	1,010.93
01-Aug-29	1,347,901.74	1,010.93
01-Feb-30	1,097,813.55	823.36
01-Aug-30	1,097,813.55	823.36
01-Feb-31	837,341.08	628.01
01-Aug-31	837,341.08	628.01
01-Feb-32	567,241.41	425.43
01-Aug-32	567,241.41	425.43
01-Feb-33	286,000.39	214.50
01-Aug-33	286,000.39	214.50
		128,349.31

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 9

MWRA
CW-05-04

Schedule C

Loan Structuring Analysis

Schedule of Loan Repayments

Initial Loan Obligation:	$2,290,816.59

	Scheduled Payments				Loan Subsidy Amounts			Net Payments		
	Principal	Interest	Total		Equity Earnings	Contract Assistance Payments	Total	Principal	Interest	Total
03-Nov-05										
01-Feb-06	0.00	26,424.26	26,424.26	0.00	7,432.59	1,667.83	9,100.42	0.00	17,323.84	17,323.84
01-Aug-06	138,680.08	54,049.67	192,729.75	0.00	15,203.00	10,858.73	26,061.73	138,680.08	27,987.94	166,668.02
01-Feb-07	0.00	50,609.13	50,609.13	0.00	14,540.05	3,400.34	17,940.39	0.00	32,668.74	32,668.74
01-Aug-07	141,906.73	50,609.13	192,515.86	0.00	14,540.05	10,847.61	25,387.66	141,906.73	25,221.47	167,128.20
01-Feb-08	0.00	49,176.83	49,176.83	0.00	13,863.48	3,389.22	17,252.70	0.00	31,924.13	31,924.13
01-Aug-08	143,313.01	49,176.83	192,489.84	0.00	13,863.48	10,836.49	24,699.97	143,313.01	24,476.86	167,789.87
01-Feb-09	0.00	47,519.45	47,519.45	0.00	13,181.86	3,378.10	16,559.96	0.00	30,959.49	30,959.49
01-Aug-09	95,697.14	47,519.45	143,216.59	0.00	13,181.86	10,825.37	24,007.23	95,697.14	23,512.22	119,209.36
01-Feb-10	0.00	45,140.28	45,140.28	0.00	12,503.79	3,353.75	15,857.54	0.00	29,282.74	29,282.74
01-Aug-10	98,154.50	45,140.28	143,294.78	0.00	12,503.79	10,801.02	23,304.81	98,154.50	21,835.47	119,989.97
01-Feb-11	0.00	43,641.48	43,641.48	0.00	11,808.59	3,316.15	15,124.74	0.00	28,516.74	28,516.74
01-Aug-11	100,954.29	43,641.48	144,595.77	0.00	11,808.59	10,763.42	22,572.01	100,954.29	21,069.47	122,023.76
01-Feb-12	0.00	40,871.86	40,871.86	0.00	11,093.85	3,278.55	14,372.40	0.00	26,499.46	26,499.46
01-Aug-12	105,096.17	40,871.86	145,968.03	0.00	11,093.85	10,725.82	21,819.67	105,096.17	19,052.20	124,148.37
01-Feb-13	0.00	37,988.34	37,988.34	0.00	10,350.19	3,240.96	13,591.15	-0.01	24,397.20	24,397.19
01-Aug-13	109,334.17	37,988.34	147,322.51	0.00	10,350.19	10,688.23	21,038.42	109,334.16	16,949.93	126,284.09
01-Feb-14	0.00	34,988.04	34,988.04	0.00	9,577.25	3,204.47	12,781.72	0.00	22,206.32	22,206.32
01-Aug-14	114,922.11	34,988.04	149,910.15	0.00	9,577.25	10,651.74	20,228.99	114,922.11	14,759.05	129,681.16
01-Feb-15	0.00	31,830.97	31,830.97	0.00	8,765.08	3,163.76	11,928.84	0.00	19,902.13	19,902.13
01-Aug-15	117,947.35	31,830.97	149,778.32	0.00	8,765.08	10,611.03	19,376.11	117,947.35	12,454.86	130,402.21
01-Feb-16	0.00	28,590.71	28,590.71	0.00	7,931.81	3,123.05	11,054.86	0.00	17,535.85	17,535.85
01-Aug-16	122,784.27	28,590.71	151,374.98	0.00	7,931.81	10,570.32	18,502.13	122,784.27	10,088.58	132,872.85
01-Feb-17	0.00	25,370.92	25,370.92	0.00	7,064.74	3,085.63	10,150.37	0.00	15,220.55	15,220.55
01-Aug-17	128,446.17	25,370.92	153,817.09	0.00	7,064.74	10,532.90	17,597.64	128,446.17	7,773.28	136,219.45
01-Feb-18	0.00	22,002.51	22,002.51	0.00	6,158.16	3,048.22	9,206.38	0.00	12,796.13	12,796.13
01-Aug-18	133,030.58	22,002.51	155,033.09	0.00	6,158.16	10,495.49	16,653.65	133,030.58	5,348.86	138,379.44
01-Feb-19	0.00	18,513.76	18,513.76	0.00	5,219.59	3,010.80	8,230.39	0.00	10,283.37	10,283.37
01-Aug-19	139,721.76	18,513.76	158,235.52	0.00	5,219.59	10,458.07	15,677.66	139,721.76	2,836.10	142,557.86
01-Feb-20	0.00	15,020.72	15,020.72	0.00	4,234.31	2,973.39	7,207.70	-0.01	7,813.03	7,813.02
01-Aug-20	142,892.65	15,020.72	157,913.37	0.00	4,234.31	10,420.66	14,654.97	142,892.64	365.76	143,258.40
01-Feb-21	0.00	11,448.39	11,448.39	0.00	3,226.89	2,935.97	6,162.86	0.00	5,285.53	5,285.53
01-Aug-21	146,872.61	11,448.39	158,321.00	0.00	3,226.89	10,383.24	13,610.13	144,710.87	0.00	144,710.87
01-Feb-22	0.00	7,776.58	7,776.58	0.00	2,191.73	2,898.55	5,090.28	0.00	2,686.30	2,686.30
01-Aug-22	151,766.79	7,776.58	159,543.37	0.00	2,191.73	10,345.82	12,537.55	147,005.83	0.00	147,005.83
01-Feb-23	0.00	3,982.40	3,982.40	0.00	1,122.12	2,860.27	3,982.39	-0.02	0.03	0.01
01-Aug-23	159,296.21	3,982.40	163,278.61	0.00	1,122.12	10,307.54	11,429.66	151,848.95	0.00	151,848.95
01-Feb-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2,290,816.59	1,109,418.67	3,400,235.26		308,302.57	246,452.51	554,755.08	2,276,446.57	569,033.63	2,845,480.20

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 9
MWRA
CW-05-04
Final Loan Structuring Analysis

AMENDED SCHEDULE C

Net Borrower Savings due to 2006 Refunding:	54,278.83
G.E.	2.00%

Schedule of Loan Repayments

Initial Loan Obligation:	2,139,268.34

	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayment		
Date	Principal	Interest	Total	DSRF Earnings	Contract Assistance	Total	Principal	Interest	Total
01-Feb-07	0.00	49,866.45	49,866.45	14,931.31	2,797.50	17,728.81	0.00	32,137.64	32,137.64
01-Aug-07	155,213.09	48,157.20	203,370.29	14,931.31	9,990.95	24,922.26	155,213.09	23,234.93	178,448.02
01-Feb-08	0.00	46,605.07	46,605.07	13,847.98	2,544.98	16,392.96	0.00	30,212.11	30,212.11
01-Aug-08	156,779.65	46,605.07	203,384.72	13,847.98	9,990.95	23,838.93	156,779.65	22,766.14	179,545.79
01-Feb-09	0.00	44,802.10	44,802.10	12,753.72	2,544.98	15,298.70	0.00	29,503.40	29,503.40
01-Aug-09	93,051.74	44,802.10	137,853.84	12,753.72	9,990.95	22,744.67	93,051.74	22,057.43	115,109.17
01-Feb-10	0.00	42,475.82	42,475.82	12,104.25	2,544.98	14,649.23	0.00	27,826.59	27,826.59
01-Aug-10	95,509.15	42,475.82	137,984.97	12,104.25	9,990.95	22,095.20	95,509.15	20,380.62	115,889.77
01-Feb-11	0.00	41,043.18	41,043.18	11,437.63	2,544.98	13,982.61	0.00	27,060.57	27,060.57
01-Aug-11	98,309.00	41,043.18	139,352.18	11,437.63	9,990.95	21,428.58	98,309.00	19,614.60	117,923.60
01-Feb-12	0.00	38,339.68	38,339.68	10,751.47	2,544.98	13,296.45	0.00	25,043.23	25,043.23
01-Aug-12	102,450.97	38,339.68	140,790.65	10,751.47	9,990.95	20,742.42	102,450.97	17,597.26	120,048.23
01-Feb-13	0.00	35,522.29	35,522.29	10,036.40	2,544.98	12,581.38	0.00	22,940.91	22,940.91
01-Aug-13	106,767.43	35,522.29	142,289.72	10,036.40	9,990.95	20,027.35	106,767.43	15,494.94	122,262.37
01-Feb-14	0.00	32,586.15	32,586.15	9,291.20	2,544.98	11,836.18	0.00	20,749.97	20,749.97
01-Aug-14	112,280.57	32,586.15	144,866.72	9,291.20	9,990.95	19,282.15	112,280.57	13,304.00	125,584.57
01-Feb-15	0.00	29,498.43	29,498.43	8,507.52	2,544.98	11,052.51	0.00	18,445.92	18,445.92
01-Aug-15	115,305.81	29,498.43	144,804.24	8,507.52	9,990.95	18,498.48	115,305.81	10,999.95	126,305.76
01-Feb-16	0.00	26,327.52	26,327.52	7,702.73	2,544.98	10,247.71	0.00	16,079.81	16,079.81
01-Aug-16	120,171.54	26,327.52	146,499.06	7,702.73	9,990.95	17,693.68	120,171.54	8,633.84	128,805.38
01-Feb-17	0.00	23,173.03	23,173.03	6,863.98	2,544.98	9,408.96	0.00	13,764.07	13,764.07
01-Aug-17	125,833.44	21,997.15	147,830.59	6,863.98	9,803.49	16,667.46	125,833.44	5,329.68	131,163.12
01-Feb-18	0.00	19,944.62	19,944.62	5,985.71	2,556.90	8,542.60	0.00	11,402.01	11,402.01
01-Aug-18	130,417.85	17,965.14	148,382.99	5,985.71	9,687.29	15,672.99	130,417.85	2,292.15	132,710.00
01-Feb-19	0.00	16,667.94	16,667.94	5,075.44	2,580.29	7,655.73	0.00	9,012.21	9,012.21
01-Aug-19	137,078.08	15,359.17	152,437.25	5,075.44	9,817.61	14,893.05	137,078.08	466.12	137,544.20
01-Feb-20	0.00	13,263.68	13,263.68	4,118.68	2,583.91	6,702.59	0.00	6,561.08	6,561.08
01-Aug-20	140,248.97	12,080.39	152,329.36	4,118.68	9,841.24	13,959.92	138,369.44	0.00	138,369.44
01-Feb-21	0.00	9,827.75	9,827.75	3,139.80	2,595.12	5,734.92	0.00	4,092.83	4,092.83
01-Aug-21	144,228.93	8,777.25	153,006.18	3,139.80	9,873.61	13,013.41	139,992.77	0.00	139,992.77
01-Feb-22	0.00	6,385.46	6,385.46	2,133.13	2,621.18	4,754.31	0.00	1,631.15	1,631.15
01-Aug-22	149,061.83	4,374.64	153,436.47	2,133.13	10,236.03	12,369.16	141,067.31	0.00	141,067.31
01-Feb-23	0.00	3,331.70	3,331.70	1,092.73	2,238.97	3,331.70	0.00	0.00	0.00
01-Aug-23	156,560.29	0.00	156,560.29	1,092.73	9,904.29	10,997.03	145,563.26	0.00	145,563.26
01-Feb-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	$2,139,268.34	$945,572.03	$3,084,840.37	$279,547.38	$212,496.76	$492,044.14	$2,114,161.10	$478,635.13	$2,592,796.23

Schedule C

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 9

MWRA
CW-05-04

Schedule of Administrative Fee [After Novemeber 3, 2005]

nts Total	Date	Principal Outstanding	Administrative Fee Payable @ 0.075%
	03-Nov-05		
12,041.26	01-Feb-06	2,290,816.59	839.97
71,575.63	01-Aug-06	2,290,816.59	1,718.11
23,402.79	01-Feb-07	2,152,136.51	1,614.10
71,891.96	01-Aug-07	2,152,136.51	1,614.10
23,443.25	01-Feb-08	2,010,229.78	1,507.67
72,339.08	01-Aug-08	2,010,229.78	1,507.67
23,354.31	01-Feb-09	1,866,916.77	1,400.19
73,985.88	01-Aug-09	1,866,916.77	1,400.19
22,073.67	01-Feb-10	1,771,219.63	1,328.41
74,770.04	01-Aug-10	1,771,219.63	1,328.41
21,665.09	01-Feb-11	1,673,065.13	1,254.80
76,732.63	01-Aug-11	1,673,065.13	1,254.80
20,088.61	01-Feb-12	1,572,110.84	1,179.08
78,772.55	01-Aug-12	1,572,110.84	1,179.08
18,450.50	01-Feb-13	1,467,014.67	1,100.26
80,897.42	01-Aug-13	1,467,014.67	1,100.26
16,748.43	01-Feb-14	1,357,680.50	1,018.26
82,878.06	01-Aug-14	1,357,680.50	1,018.26
14,983.83	01-Feb-15	1,242,758.39	932.07
86,193.35	01-Aug-15	1,242,758.39	932.07
13,132.73	01-Feb-16	1,124,811.04	843.61
88,056.07	01-Aug-16	1,124,811.04	843.61
11,358.89	01-Feb-17	1,002,026.77	751.52
90,751.54	01-Aug-17	1,002,026.77	751.52
9,514.54	01-Feb-18	873,580.60	655.19
92,260.91	01-Aug-18	873,580.60	655.19
7,617.27	01-Feb-19	740,550.02	555.41
94,202.78	01-Aug-19	740,550.02	555.41
5,813.75	01-Feb-20	600,828.26	450.62
96,690.94	01-Aug-20	600,828.26	450.62
3,947.86	01-Feb-21	457,935.61	343.45
100,182.89	01-Aug-21	457,935.61	343.45
2,004.15	01-Feb-22	311,063.00	233.30
102,397.39	01-Aug-22	311,063.00	233.30
0.01	01-Feb-23	159,296.21	119.47
103,169.13	01-Aug-23	159,296.21	119.47
0.00	01-Feb-24	0.00	0.00
0.00	01-Aug-24	0.00	0.00
0.00	01-Feb-25	0.00	0.00
0.00	01-Aug-25	0.00	0.00
0.00	01-Feb-26	0.00	0.00
0.00	01-Aug-26	0.00	0.00
0.00	01-Feb-27	0.00	0.00
0.00			$33,132.90
1,787,389.19			

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 9
MWRA
DW-05-04
Final Loan Structuring Analysis

AMENDED SCHEDULE C

Net Borrower Savings due to 2006 Refunding:	24,994.06
G.E.	2.00%

Schedule of Loan Repayments

Initial Loan Obligation:	990,761.58

	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayment		
Date	Principal	Interest	Total	DSRF Earnings	Contract Assistance	Total	Principal	Interest	Total
01-Feb-07	0.00	21,664.11	21,664.11	6,915.15	4,189.52	11,104.68	0.00	10,559.44	10,559.44
01-Aug-07	47,826.66	20,851.87	68,678.53	6,915.15	3,563.04	10,478.20	47,826.66	10,373.67	58,200.33
01-Feb-08	0.00	20,373.59	20,373.59	6,581.34	4,333.61	10,914.96	0.00	9,458.63	9,458.63
01-Aug-08	48,138.23	20,373.59	68,511.82	6,581.34	3,279.05	9,860.40	48,138.23	10,513.19	58,651.42
01-Feb-09	0.00	19,820.01	19,820.01	6,245.35	4,567.01	10,812.37	0.00	9,007.64	9,007.64
01-Aug-09	48,622.13	19,820.01	68,442.14	6,245.35	3,067.88	9,313.24	48,622.13	10,506.77	59,128.90
01-Feb-10	0.00	19,163.61	19,163.61	5,905.99	4,727.27	10,633.26	0.00	8,530.34	8,530.34
01-Aug-10	49,283.64	19,163.61	68,447.25	5,905.99	2,912.15	8,818.14	49,283.64	10,345.46	59,629.10
01-Feb-11	0.00	18,424.35	18,424.35	5,562.01	4,831.96	10,393.97	0.00	8,030.37	8,030.37
01-Aug-11	50,123.32	18,424.35	68,547.67	5,562.01	2,829.34	8,391.35	50,123.32	10,032.99	60,156.31
01-Feb-12	0.00	17,578.52	17,578.52	5,212.17	4,862.91	10,075.08	0.00	7,503.44	7,503.44
01-Aug-12	51,626.67	17,578.52	69,205.19	5,212.17	3,198.39	8,410.56	51,626.67	9,167.96	60,794.63
01-Feb-13	0.00	16,158.79	16,158.79	4,851.83	4,441.39	9,293.22	0.00	6,865.56	6,865.56
01-Aug-13	53,246.27	16,158.79	69,405.06	4,851.83	3,191.82	8,043.65	53,246.27	8,115.13	61,361.40
01-Feb-14	0.00	15,173.73	15,173.73	4,480.19	4,394.21	8,874.41	0.00	6,299.32	6,299.32
01-Aug-14	54,144.38	15,173.73	69,318.11	4,480.19	2,883.21	7,363.41	54,144.38	7,810.32	61,954.70
01-Feb-15	0.00	14,144.98	14,144.98	4,102.28	4,326.53	8,428.82	0.00	5,716.16	5,716.16
01-Aug-15	55,848.89	14,144.98	69,993.87	4,102.28	3,218.64	7,320.93	55,848.89	6,824.05	62,672.94
01-Feb-16	0.00	12,609.14	12,609.14	3,712.48	3,864.57	7,577.05	0.00	5,032.08	5,032.08
01-Aug-16	58,963.86	12,609.14	71,573.00	3,712.48	4,481.84	8,194.32	58,963.86	4,414.81	63,378.67
01-Feb-17	0.00	11,061.35	11,061.35	3,300.93	3,417.47	6,718.41	0.00	4,342.94	4,342.94
01-Aug-17	60,611.52	10,487.16	71,098.68	3,300.93	4,293.35	7,594.28	60,611.52	2,892.88	63,504.40
01-Feb-18	0.00	9,507.33	9,507.33	2,877.89	2,961.16	5,839.04	0.00	3,668.29	3,668.29
01-Aug-18	62,427.42	8,554.36	70,981.78	2,877.89	4,112.06	6,989.94	62,427.42	1,564.42	63,991.84
01-Feb-19	0.00	7,939.54	7,939.54	2,442.16	2,495.22	4,937.39	0.00	3,002.16	3,002.16
01-Aug-19	65,641.17	7,305.96	72,947.13	2,442.16	5,371.21	7,813.37	65,133.75	0.00	65,133.75
01-Feb-20	0.00	6,311.13	6,311.13	1,984.01	2,044.02	4,028.04	0.00	2,283.09	2,283.09
01-Aug-20	67,415.14	5,730.06	73,145.20	1,984.01	5,234.19	7,218.20	65,927.00	0.00	65,927.00
01-Feb-21	0.00	4,662.90	4,662.90	1,513.48	1,583.57	3,097.05	0.00	1,565.85	1,565.85
01-Aug-21	70,572.04	4,123.46	74,695.50	1,513.48	6,405.97	7,919.45	66,776.05	0.00	66,776.05
01-Feb-22	0.00	2,986.98	2,986.98	1,020.91	1,094.84	2,115.76	0.00	871.23	871.23
01-Aug-22	72,387.96	1,981.69	74,369.65	1,020.91	6,093.21	7,114.12	67,255.53	0.00	67,255.53
01-Feb-23	0.00	1,500.80	1,500.80	515.67	636.23	1,151.91	0.00	348.90	348.90
01-Aug-23	73,882.28	0.00	73,882.28	515.67	5,931.60	6,447.28	67,435.00	0.00	67,435.00
01-Feb-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	$990,761.58	$431,562.08	$1,422,323.66	$134,447.71	$128,838.54	$263,286.25	$973,390.32	$185,647.08	$1,159,037.40

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 9

MWRA
DW-05-04A

Schedule C

Final Loan Structuring Analysis

Schedule of Loan Repayments

Initial Loan Obligation:	$1,037,648.52

	Schedule of Repayments			Loan Subsidy Amounts			Net Loan Repayments		
	Principal	Interest	Total	Equity Earnings	Contract Assistance Payments	Total	Principal	Interest	Total
03-Nov-05									
01-Feb-06	0.00	11,169.93	11,169.93	3,540.73	2,199.08	5,739.81	0.00	5,430.12	5,430.12
01-Aug-06	46,886.94	22,847.58	69,734.52	7,242.41	4,050.51	11,292.92	46,886.94	11,554.66	58,441.60
01-Feb-07	0.00	21,675.41	21,675.41	6,915.16	4,200.82	11,115.98	0.00	10,559.43	10,559.43
01-Aug-07	47,826.66	21,675.41	69,502.07	6,915.16	3,715.41	10,630.57	47,826.66	11,044.84	58,871.50
01-Feb-08	0.00	21,197.13	21,197.13	6,581.34	4,485.98	11,067.33	0.00	10,129.80	10,129.80
01-Aug-08	48,138.23	21,197.13	69,335.36	6,581.34	3,431.42	10,012.76	48,138.23	11,184.37	59,322.60
01-Feb-09	0.00	20,643.55	20,643.55	6,245.34	4,719.38	10,964.72	0.00	9,678.83	9,678.83
01-Aug-09	48,622.13	20,643.55	69,265.68	6,245.34	3,220.25	9,465.59	48,622.13	11,177.96	59,800.09
01-Feb-10	0.00	19,987.15	19,987.15	5,905.99	4,879.64	10,785.62	0.00	9,201.53	9,201.53
01-Aug-10	49,283.64	19,987.15	69,270.79	5,905.99	3,064.52	8,970.51	49,283.64	11,016.64	60,300.28
01-Feb-11	0.00	19,247.89	19,247.89	5,562.02	4,984.33	10,546.35	0.00	8,701.54	8,701.54
01-Aug-11	50,123.32	19,247.89	69,371.21	5,562.02	2,981.71	8,543.73	50,123.32	10,704.16	60,827.48
01-Feb-12	0.00	18,402.06	18,402.06	5,212.16	5,015.28	10,227.44	0.00	8,174.62	8,174.62
01-Aug-12	51,626.67	18,402.06	70,028.73	5,212.16	3,350.76	8,562.92	51,626.67	9,839.14	61,465.81
01-Feb-13	0.00	16,982.33	16,982.33	4,851.83	4,593.76	9,445.58	0.00	7,536.75	7,536.75
01-Aug-13	53,246.27	16,982.33	70,228.60	4,851.83	3,344.19	8,196.02	53,246.27	8,786.31	62,032.58
01-Feb-14	0.00	15,997.27	15,997.27	4,480.19	4,546.58	9,026.77	0.00	6,970.50	6,970.50
01-Aug-14	54,144.38	15,997.27	70,141.65	4,480.19	3,035.58	7,515.77	54,144.38	8,481.50	62,625.88
01-Feb-15	0.00	14,968.52	14,968.52	4,102.28	4,478.90	8,581.18	0.00	6,387.34	6,387.34
01-Aug-15	55,848.89	14,968.52	70,817.41	4,102.28	3,371.01	7,473.29	55,848.89	7,495.23	63,344.12
01-Feb-16	0.00	13,432.68	13,432.68	3,712.48	4,016.94	7,729.42	0.00	5,703.26	5,703.26
01-Aug-16	58,963.86	13,432.68	72,396.54	3,712.48	4,634.21	8,346.68	58,963.86	5,086.00	64,049.86
01-Feb-17	0.00	11,884.89	11,884.89	3,300.93	3,569.84	6,870.77	0.00	5,014.12	5,014.12
01-Aug-17	60,611.52	11,884.89	72,496.41	3,300.93	4,551.95	7,852.88	60,611.52	4,032.01	64,643.53
01-Feb-18	0.00	10,293.84	10,293.84	2,877.89	3,106.67	5,984.56	0.00	4,309.28	4,309.28
01-Aug-18	62,427.42	10,293.84	72,721.26	2,877.89	4,433.88	7,311.77	62,427.42	2,982.07	65,409.49
01-Feb-19	0.00	8,655.11	8,655.11	2,442.16	2,627.61	5,069.77	0.00	3,585.34	3,585.34
01-Aug-19	65,641.17	8,655.11	74,296.28	2,442.16	5,620.82	8,062.97	65,641.17	592.14	66,233.31
01-Feb-20	0.00	7,014.08	7,014.08	1,984.02	2,174.08	4,158.10	0.00	2,855.98	2,855.98
01-Aug-20	67,415.14	7,014.08	74,429.22	1,984.02	5,471.75	7,455.77	66,937.33	36.12	66,973.45
01-Feb-21	0.00	5,328.70	5,328.70	1,513.48	1,706.75	3,220.24	0.00	2,108.46	2,108.46
01-Aug-21	70,572.04	5,328.70	75,900.74	1,513.48	6,628.95	8,142.43	67,758.31	0.00	67,758.31
01-Feb-22	0.00	3,564.39	3,564.39	1,020.92	1,201.67	2,222.58	0.00	1,341.81	1,341.81
01-Aug-22	72,387.96	3,564.39	75,952.35	1,020.92	6,386.03	7,406.95	68,545.40	0.00	68,545.40
01-Feb-23	0.00	1,754.71	1,754.71	515.67	683.21	1,198.88	0.00	555.83	555.83
01-Aug-23	73,882.28	1,754.71	75,636.99	515.67	6,107.94	6,623.61	69,013.38	0.00	69,013.38
01-Feb-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1,037,648.52	496,076.93	1,533,725.45	145,230.85	140,591.38	285,822.23	1,025,645.52	222,257.70	1,247,903.22

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 9

MWRA
DW-05-04A

Schedule of Administrative Fee [After November 6, 2005]

Date	Principal Outstanding	Administrative Fee Payable @ 0.075%
03-Nov-05		
01-Feb-06	1,037,648.52	380.47
01-Aug-06	1,037,648.52	778.24
01-Feb-07	990,761.58	743.07
01-Aug-07	990,761.58	743.07
01-Feb-08	942,934.92	707.20
01-Aug-08	942,934.92	707.20
01-Feb-09	894,796.69	671.10
01-Aug-09	894,796.69	671.10
01-Feb-10	846,174.56	634.63
01-Aug-10	846,174.56	634.63
01-Feb-11	796,890.92	597.67
01-Aug-11	796,890.92	597.67
01-Feb-12	746,767.60	560.08
01-Aug-12	746,767.60	560.08
01-Feb-13	695,140.93	521.36
01-Aug-13	695,140.93	521.36
01-Feb-14	641,894.66	481.42
01-Aug-14	641,894.66	481.42
01-Feb-15	587,750.28	440.81
01-Aug-15	587,750.28	440.81
01-Feb-16	531,901.39	398.93
01-Aug-16	531,901.39	398.93
01-Feb-17	472,937.53	354.70
01-Aug-17	472,937.53	354.70
01-Feb-18	412,326.01	309.24
01-Aug-18	412,326.01	309.24
01-Feb-19	349,898.59	262.42
01-Aug-19	349,898.59	262.42
01-Feb-20	284,257.42	213.19
01-Aug-20	284,257.42	213.19
01-Feb-21	216,842.28	162.63
01-Aug-21	216,842.28	162.63
01-Feb-22	146,270.24	109.70
01-Aug-22	146,270.24	109.70
01-Feb-23	73,882.28	55.41
01-Aug-23	73,882.28	55.41
01-Feb-24	0.00	0.00
01-Aug-24	0.00	0.00
01-Feb-25	0.00	0.00
01-Aug-25	0.00	0.00
01-Feb-26	0.00	0.00
01-Aug-26	0.00	0.00
01-Feb-27	0.00	0.00
01-Aug-27	0.00	0.00
01-Feb-28	0.00	0.00
01-Aug-28	0.00	0.00
01-Feb-29	0.00	0.00
01-Aug-29	0.00	0.00
01-Feb-30	0.00	0.00
01-Aug-30	0.00	0.00
01-Feb-31	0.00	0.00
01-Aug-31	0.00	0.00
01-Feb-32	0.00	0.00
01-Aug-32	0.00	0.00
01-Feb-33	0.00	0.00
01-Aug-33	0.00	0.00
		$15,605.83

SCHEDULE C

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 11

MWRA
CW-05-01

Final Structuring Analysis

Interest Rate:	2.31%

Schedule of Payments

Initial Principal Amount:	$4,000,000.00

	Schedule of Payments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.07500%	Origination Fee	Due
16-Nov-05						
15-Jul-06	$74,986.00	$65,365.00	$140,351.00	$3,000.00	24,400.00	$167,751.00
15-Jan-07	0.00	45,275.04	45,275.04	2,943.76		48,218.80
15-Jul-07	96,185.00	45,275.04	141,460.04	2,943.76		144,403.80
15-Jan-08	0.00	44,165.54	44,165.54	2,871.62		47,037.16
15-Jul-08	98,430.00	44,165.54	142,595.54	2,871.62		145,467.16
15-Jan-09	0.00	43,030.15	43,030.15	2,797.80		45,827.95
15-Jul-09	100,727.00	43,030.15	143,757.15	2,797.80		146,554.95
15-Jan-10	0.00	41,868.27	41,868.27	2,722.25		44,590.52
15-Jul-10	103,078.00	41,868.27	144,946.27	2,722.25		147,668.52
15-Jan-11	0.00	40,679.26	40,679.26	2,644.95		43,324.21
15-Jul-11	105,484.00	40,679.26	146,163.26	2,644.95		148,808.21
15-Jan-12	0.00	39,462.50	39,462.50	2,565.83		42,028.33
15-Jul-12	107,946.00	39,462.50	147,408.50	2,565.83		149,974.33
15-Jan-13	0.00	38,217.35	38,217.35	2,484.87		40,702.22
15-Jul-13	110,465.00	38,217.35	148,682.35	2,484.87		151,167.22
15-Jan-14	0.00	36,943.13	36,943.13	2,402.02		39,345.15
15-Jul-14	113,043.00	36,943.13	149,986.13	2,402.02		152,388.15
15-Jan-15	0.00	35,639.18	35,639.18	2,317.24		37,956.42
15-Jul-15	115,682.00	35,639.18	151,321.18	2,317.24		153,638.42
15-Jan-16	0.00	34,304.79	34,304.79	2,230.48		36,535.27
15-Jul-16	118,382.00	34,304.79	152,686.79	2,230.48		154,917.27
15-Jan-17	0.00	32,939.26	32,939.26	2,141.69		35,080.95
15-Jul-17	121,145.00	32,939.26	154,084.26	2,141.69		156,225.95
15-Jan-18	0.00	31,541.85	31,541.85	2,050.84		33,592.69
15-Jul-18	123,972.00	31,541.85	155,513.85	2,050.84		157,564.69
15-Jan-19	0.00	30,111.83	30,111.83	1,957.86		32,069.69
15-Jul-19	126,865.00	30,111.83	156,976.83	1,957.86		158,934.69
15-Jan-20	0.00	28,648.44	28,648.44	1,862.71		30,511.15
15-Jul-20	129,826.00	28,648.44	158,474.44	1,862.71		160,337.15
15-Jan-21	0.00	27,150.90	27,150.90	1,765.34		28,916.24
15-Jul-21	132,856.00	27,150.90	160,006.90	1,765.34		161,772.24
15-Jan-22	0.00	25,618.40	25,618.40	1,665.70		27,284.10
15-Jul-22	135,957.00	25,618.40	161,575.40	1,665.70		163,241.10
15-Jan-23	0.00	24,050.14	24,050.14	1,563.73		25,613.87
15-Jul-23	139,130.00	24,050.14	163,180.14	1,563.73		164,743.87
15-Jan-24	0.00	22,445.27	22,445.27	1,459.38		23,904.65
15-Jul-24	142,378.00	22,445.27	164,823.27	1,459.38		166,282.65
15-Jan-25	0.00	20,802.94	20,802.94	1,352.60		22,155.54
15-Jul-25	145,701.00	20,802.94	166,503.94	1,352.60		167,856.54
15-Jan-26	0.00	19,122.28	19,122.28	1,243.32		20,365.60
15-Jul-26	149,101.00	19,122.28	168,223.28	1,243.32		169,466.60
15-Jan-27	0.00	17,402.40	17,402.40	1,131.50		18,533.90
15-Jul-27	152,581.00	17,402.40	169,983.40	1,131.50		171,114.90
15-Jan-28	0.00	15,642.38	15,642.38	1,017.06		16,659.44
15-Jul-28	156,142.00	15,642.38	171,784.38	1,017.06		172,801.44
15-Jan-29	0.00	13,841.28	13,841.28	899.95		14,741.23
15-Jul-29	159,786.00	13,841.28	173,627.28	899.95		174,527.23
15-Jan-30	0.00	11,998.15	11,998.15	780.11		12,778.26
15-Jul-30	163,516.00	11,998.15	175,514.15	780.11		176,294.26
15-Jan-31	0.00	10,112.00	10,112.00	657.48		10,769.48
15-Jul-31	167,332.00	10,112.00	177,444.00	657.48		178,101.48
15-Jan-32	0.00	8,181.82	8,181.82	531.98		8,713.80
15-Jul-32	171,237.00	8,181.82	179,418.82	531.98		179,950.80
15-Jan-33	0.00	6,206.60	6,206.60	403.55		6,610.15
15-Jul-33	175,234.00	6,206.60	181,440.60	403.55		181,844.15
15-Jan-34	0.00	4,185.28	4,185.28	272.12		4,457.40
15-Jul-34	179,324.00	4,185.28	183,509.28	272.12		183,781.40
15-Jan-35	0.00	2,116.78	2,116.78	137.63		2,254.41
15-Jul-35	183,509.00	2,116.78	185,625.78	137.63		185,763.41
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
	$4,000,000.00	$1,568,771.42	$5,568,771.42	$100,750.74	$24,400.00	$5,693,922.16

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 11

SCHEDULE C

MWRA
CW-05-04-B

Final Structuring Analysis

Interest Rate:	2.307%

Schedule of Payments

Initial Principal Amount:	$52,170,227.00

	Schedule of Payments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.00075	Origination Fee	Due
16-Nov-05						
15-Jul-06	$978,005.00	$852,526.73	$1,830,531.73	$39,127.67	318,238.38	$2,187,897.78
15-Jan-07	0.00	590,502.29	590,502.29	38,394.17		628,896.46
15-Jul-07	1,254,500.00	590,502.29	1,845,002.29	38,394.17		1,883,396.46
15-Jan-08	0.00	576,031.63	576,031.63	37,453.29		613,484.92
15-Jul-08	1,283,779.00	576,031.63	1,859,810.63	37,453.29		1,897,263.92
15-Jan-09	0.00	561,223.24	561,223.24	36,490.46		597,713.70
15-Jul-09	1,313,741.00	561,223.24	1,874,964.24	36,490.46		1,911,454.70
15-Jan-10	0.00	546,069.24	546,069.24	35,505.15		581,574.39
15-Jul-10	1,344,403.00	546,069.24	1,890,472.24	35,505.15		1,925,977.39
15-Jan-11	0.00	530,561.55	530,561.55	34,496.85		565,058.40
15-Jul-11	1,375,780.00	530,561.55	1,906,341.55	34,496.85		1,940,838.40
15-Jan-12	0.00	514,691.93	514,691.93	33,465.01		548,156.94
15-Jul-12	1,407,890.00	514,691.93	1,922,581.93	33,465.01		1,956,046.94
15-Jan-13	0.00	498,451.92	498,451.92	32,409.10		530,861.02
15-Jul-13	1,440,749.00	498,451.92	1,939,200.92	32,409.10		1,971,610.02
15-Jan-14	0.00	481,832.88	481,832.88	31,328.54		513,161.42
15-Jul-14	1,474,375.00	481,832.88	1,956,207.88	31,328.54		1,987,536.42
15-Jan-15	0.00	464,825.96	464,825.96	30,222.75		495,048.71
15-Jul-15	1,508,786.00	464,825.96	1,973,611.96	30,222.75		2,003,834.71
15-Jan-16	0.00	447,422.12	447,422.12	29,091.16		476,513.28
15-Jul-16	1,544,000.00	447,422.12	1,991,422.12	29,091.16		2,020,513.28
15-Jan-17	0.00	429,612.08	429,612.08	27,933.16		457,545.24
15-Jul-17	1,580,035.00	429,612.08	2,009,647.08	27,933.16		2,037,580.24
15-Jan-18	0.00	411,386.37	411,386.37	26,748.14		438,134.51
15-Jul-18	1,616,912.00	411,386.37	2,028,298.37	26,748.14		2,055,046.51
15-Jan-19	0.00	392,735.29	392,735.29	25,535.45		418,270.74
15-Jul-19	1,654,650.00	392,735.29	2,047,385.29	25,535.45		2,072,920.74
15-Jan-20	0.00	373,648.90	373,648.90	24,294.47		397,943.37
15-Jul-20	1,693,268.00	373,648.90	2,066,916.90	24,294.47		2,091,211.37
15-Jan-21	0.00	354,117.06	354,117.06	23,024.52		377,141.58
15-Jul-21	1,732,787.00	354,117.06	2,086,904.06	23,024.52		2,109,928.58
15-Jan-22	0.00	334,129.36	334,129.36	21,724.93		355,854.29
15-Jul-22	1,773,229.00	334,129.36	2,107,358.36	21,724.93		2,129,083.29
15-Jan-23	0.00	313,675.16	313,675.16	20,395.00		334,070.16
15-Jul-23	1,814,615.00	313,675.16	2,128,290.16	20,395.00		2,148,685.16
15-Jan-24	0.00	292,743.58	292,743.58	19,034.04		311,777.62
15-Jul-24	1,856,967.00	292,743.58	2,149,710.58	19,034.04		2,168,744.62
15-Jan-25	0.00	271,323.46	271,323.46	17,641.32		288,964.78
15-Jul-25	1,900,307.00	271,323.46	2,171,630.46	17,641.32		2,189,271.78
15-Jan-26	0.00	249,403.42	249,403.42	16,216.09		265,619.51
15-Jul-26	1,944,659.00	249,403.42	2,194,062.42	16,216.09		2,210,278.51
15-Jan-27	0.00	226,971.78	226,971.78	14,757.59		241,729.37
15-Jul-27	1,990,045.00	226,971.78	2,217,016.78	14,757.59		2,231,774.37
15-Jan-28	0.00	204,016.61	204,016.61	13,265.06		217,281.67
15-Jul-28	2,036,492.00	204,016.61	2,240,508.61	13,265.06		2,253,773.67
15-Jan-29	0.00	180,525.68	180,525.68	11,737.69		192,263.37
15-Jul-29	2,084,022.00	180,525.68	2,264,547.68	11,737.69		2,276,285.37
15-Jan-30	0.00	156,486.48	156,486.48	10,174.67		166,661.15
15-Jul-30	2,132,661.00	156,486.48	2,289,147.48	10,174.67		2,299,322.15
15-Jan-31	0.00	131,886.24	131,886.24	8,575.18		140,461.42
15-Jul-31	2,182,436.00	131,886.24	2,314,322.24	8,575.18		2,322,897.42
15-Jan-32	0.00	106,711.84	106,711.84	6,938.35		113,650.19
15-Jul-32	2,233,372.00	106,711.84	2,340,083.84	6,938.35		2,347,022.19
15-Jan-33	0.00	80,949.89	80,949.89	5,263.32		86,213.21
15-Jul-33	2,285,497.00	80,949.89	2,366,446.89	5,263.32		2,371,710.21
15-Jan-34	0.00	54,586.68	54,586.68	3,549.20		58,135.88
15-Jul-34	2,338,839.00	54,586.68	2,393,425.68	3,549.20		2,396,974.88
15-Jan-35	0.00	27,608.17	27,608.17	1,795.07		29,403.24
15-Jul-35	2,393,426.00	27,608.17	2,421,034.17	1,795.07		2,422,829.24
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
	$52,170,227.00	$20,460,788.35	$72,631,015.35	$1,314,047.13	$318,238.38	$74,263,300.86

SCHEDULE C

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 11

MWRA
CW-05-04-B

Final Structuring Analysis

Interest Rate:	2.31%

Schedule of Payments

Initial Principal Amount:	$52,759,875.00

	Schedule of Payments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.07500%	Origination Fee	Due
16-Nov-05						
15-Jul-06	$989,059.00	$862,162.29	$1,851,221.29	$39,569.91	321,835.24	$2,212,626.44
15-Jan-07	0.00	597,176.35	597,176.35	38,828.11		636,004.46
15-Jul-07	1,268,679.00	597,176.35	1,865,855.35	38,828.11		1,904,683.46
15-Jan-08	0.00	582,542.14	582,542.14	37,876.60		620,418.74
15-Jul-08	1,298,289.00	582,542.14	1,880,831.14	37,876.60		1,918,707.74
15-Jan-09	0.00	567,566.38	567,566.38	36,902.89		604,469.27
15-Jul-09	1,328,590.00	567,566.38	1,896,156.38	36,902.89		1,933,059.27
15-Jan-10	0.00	552,241.09	552,241.09	35,906.44		588,147.53
15-Jul-10	1,359,598.00	552,241.09	1,911,839.09	35,906.44		1,947,745.53
15-Jan-11	0.00	536,558.13	536,558.13	34,886.75		571,444.88
15-Jul-11	1,391,330.00	536,558.13	1,927,888.13	34,886.75		1,962,774.88
15-Jan-12	0.00	520,509.14	520,509.14	33,843.25		554,352.39
15-Jul-12	1,423,802.00	520,509.14	1,944,311.14	33,843.25		1,978,154.39
15-Jan-13	0.00	504,085.58	504,085.58	32,775.40		536,860.98
15-Jul-13	1,457,033.00	504,085.58	1,961,118.58	32,775.40		1,993,893.98
15-Jan-14	0.00	487,278.71	487,278.71	31,682.62		518,961.33
15-Jul-14	1,491,039.00	487,278.71	1,978,317.71	31,682.62		2,010,000.33
15-Jan-15	0.00	470,079.57	470,079.57	30,564.34		500,643.91
15-Jul-15	1,525,839.00	470,079.57	1,995,918.57	30,564.34		2,026,482.91
15-Jan-16	0.00	452,479.02	452,479.02	29,419.96		481,898.98
15-Jul-16	1,561,450.00	452,479.02	2,013,929.02	29,419.96		2,043,348.98
15-Jan-17	0.00	434,467.69	434,467.69	28,248.88		462,716.57
15-Jul-17	1,597,894.00	434,467.69	2,032,361.69	28,248.88		2,060,610.57
15-Jan-18	0.00	416,035.99	416,035.99	27,050.45		443,086.44
15-Jul-18	1,635,187.00	416,035.99	2,051,222.99	27,050.45		2,078,273.44
15-Jan-19	0.00	397,174.11	397,174.11	25,824.06		422,998.17
15-Jul-19	1,673,351.00	397,174.11	2,070,525.11	25,824.06		2,096,349.17
15-Jan-20	0.00	377,872.00	377,872.00	24,569.05		402,441.05
15-Jul-20	1,712,406.00	377,872.00	2,090,278.00	24,569.05		2,114,847.05
15-Jan-21	0.00	358,119.40	358,119.40	23,284.75		381,404.15
15-Jul-21	1,752,372.00	358,119.40	2,110,491.40	23,284.75		2,133,776.15
15-Jan-22	0.00	337,905.79	337,905.79	21,970.47		359,876.26
15-Jul-22	1,793,271.00	337,905.79	2,131,176.79	21,970.47		2,153,147.26
15-Jan-23	0.00	317,220.41	317,220.41	20,625.51		337,845.92
15-Jul-23	1,835,125.00	317,220.41	2,152,345.41	20,625.51		2,172,970.92
15-Jan-24	0.00	296,052.24	296,052.24	19,249.17		315,301.41
15-Jul-24	1,877,955.00	296,052.24	2,174,007.24	19,249.17		2,193,256.41
15-Jan-25	0.00	274,390.03	274,390.03	17,840.70		292,230.73
15-Jul-25	1,921,785.00	274,390.03	2,196,175.03	17,840.70		2,214,015.73
15-Jan-26	0.00	252,222.24	252,222.24	16,399.37		268,621.61
15-Jul-26	1,966,638.00	252,222.24	2,218,860.24	16,399.37		2,235,259.61
15-Jan-27	0.00	229,537.07	229,537.07	14,924.39		244,461.46
15-Jul-27	2,012,538.00	229,537.07	2,242,075.07	14,924.39		2,256,999.46
15-Jan-28	0.00	206,322.45	206,322.45	13,414.98		219,737.43
15-Jul-28	2,059,509.00	206,322.45	2,265,831.45	13,414.98		2,279,246.43
15-Jan-29	0.00	182,566.01	182,566.01	11,870.35		194,436.36
15-Jul-29	2,107,576.00	182,566.01	2,290,142.01	11,870.35		2,302,012.36
15-Jan-30	0.00	158,255.12	158,255.12	10,289.67		168,544.79
15-Jul-30	2,156,765.00	158,255.12	2,315,020.12	10,289.67		2,325,309.79
15-Jan-31	0.00	133,376.84	133,376.84	8,672.10		142,048.94
15-Jul-31	2,207,102.00	133,376.84	2,340,478.84	8,672.10		2,349,150.94
15-Jan-32	0.00	107,917.92	107,917.92	7,016.77		114,934.69
15-Jul-32	2,258,614.00	107,917.92	2,366,531.92	7,016.77		2,373,548.69
15-Jan-33	0.00	81,864.81	81,864.81	5,322.81		87,187.62
15-Jul-33	2,311,329.00	81,864.81	2,393,193.81	5,322.81		2,398,516.62
15-Jan-34	0.00	55,203.63	55,203.63	3,589.31		58,792.94
15-Jul-34	2,365,273.00	55,203.63	2,420,476.63	3,589.31		2,424,065.94
15-Jan-35	0.00	27,920.20	27,920.20	1,815.36		29,735.56
15-Jul-35	2,420,477.00	27,920.20	2,448,397.20	1,815.36		2,450,212.56
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
	$52,759,875.00	$20,692,042.41	$73,451,917.41	$1,328,898.93	$321,835.24	$75,102,651.58

SCHEDULE C

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 11

Interest Rate:	2.31%

MWRA
CW-05-08
Final Structuring Analysis

Schedule of Payments

Initial Principal Amount:	$3,000,000.00

	Schedule of Payments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.07500%	Origination Fee	Due
16-Nov-05						
15-Jul-06	$56,239.00	$49,023.74	$105,262.74	$2,250.00	18,300.00	$125,812.74
15-Jan-07	0.00	33,956.28	33,956.28	2,207.82		36,164.10
15-Jul-07	72,139.00	33,956.28	106,095.28	2,207.82		108,303.10
15-Jan-08	0.00	33,124.16	33,124.16	2,153.72		35,277.88
15-Jul-08	73,822.00	33,124.16	106,946.16	2,153.72		109,099.88
15-Jan-09	0.00	32,272.62	32,272.62	2,098.35		34,370.97
15-Jul-09	75,545.00	32,272.62	107,817.62	2,098.35		109,915.97
15-Jan-10	0.00	31,401.21	31,401.21	2,041.69		33,442.90
15-Jul-10	77,309.00	31,401.21	108,710.21	2,041.69		110,751.90
15-Jan-11	0.00	30,509.45	30,509.45	1,983.71		32,493.16
15-Jul-11	79,113.00	30,509.45	109,622.45	1,983.71		111,606.16
15-Jan-12	0.00	29,596.88	29,596.88	1,924.37		31,521.25
15-Jul-12	80,959.00	29,596.88	110,555.88	1,924.37		112,480.25
15-Jan-13	0.00	28,663.02	28,663.02	1,863.66		30,526.68
15-Jul-13	82,849.00	28,663.02	111,512.02	1,863.66		113,375.68
15-Jan-14	0.00	27,707.36	27,707.36	1,801.52		29,508.88
15-Jul-14	84,783.00	27,707.36	112,490.36	1,801.52		114,291.88
15-Jan-15	0.00	26,729.39	26,729.39	1,737.93		28,467.32
15-Jul-15	86,761.00	26,729.39	113,490.39	1,737.93		115,228.32
15-Jan-16	0.00	25,728.60	25,728.60	1,672.86		27,401.46
15-Jul-16	88,786.00	25,728.60	114,514.60	1,672.86		116,187.46
15-Jan-17	0.00	24,704.45	24,704.45	1,606.27		26,310.72
15-Jul-17	90,858.00	24,704.45	115,562.45	1,606.27		117,168.72
15-Jan-18	0.00	23,656.41	23,656.41	1,538.13		25,194.54
15-Jul-18	92,979.00	23,656.41	116,635.41	1,538.13		118,173.54
15-Jan-19	0.00	22,583.89	22,583.89	1,468.39		24,052.28
15-Jul-19	95,149.00	22,583.89	117,732.89	1,468.39		119,201.28
15-Jan-20	0.00	21,486.35	21,486.35	1,397.03		22,883.38
15-Jul-20	97,370.00	21,486.35	118,856.35	1,397.03		120,253.38
15-Jan-21	0.00	20,363.18	20,363.18	1,324.00		21,687.18
15-Jul-21	99,642.00	20,363.18	120,005.18	1,324.00		121,329.18
15-Jan-22	0.00	19,213.81	19,213.81	1,249.27		20,463.08
15-Jul-22	101,968.00	19,213.81	121,181.81	1,249.27		122,431.08
15-Jan-23	0.00	18,037.61	18,037.61	1,172.80		19,210.41
15-Jul-23	104,348.00	18,037.61	122,385.61	1,172.80		123,558.41
15-Jan-24	0.00	16,833.96	16,833.96	1,094.54		17,928.50
15-Jul-24	106,783.00	16,833.96	123,616.96	1,094.54		124,711.50
15-Jan-25	0.00	15,602.22	15,602.22	1,014.45		16,616.67
15-Jul-25	109,275.00	15,602.22	124,877.22	1,014.45		125,891.67
15-Jan-26	0.00	14,341.73	14,341.73	932.49		15,274.22
15-Jul-26	111,826.00	14,341.73	126,167.73	932.49		127,100.22
15-Jan-27	0.00	13,051.82	13,051.82	848.62		13,900.44
15-Jul-27	114,436.00	13,051.82	127,487.82	848.62		128,336.44
15-Jan-28	0.00	11,731.80	11,731.80	762.80		12,494.60
15-Jul-28	117,107.00	11,731.80	128,838.80	762.80		129,601.60
15-Jan-29	0.00	10,380.97	10,380.97	674.97		11,055.94
15-Jul-29	119,840.00	10,380.97	130,220.97	674.97		130,895.94
15-Jan-30	0.00	8,998.61	8,998.61	585.09		9,583.70
15-Jul-30	122,637.00	8,998.61	131,635.61	585.09		132,220.70
15-Jan-31	0.00	7,583.99	7,583.99	493.11		8,077.10
15-Jul-31	125,499.00	7,583.99	133,082.99	493.11		133,576.10
15-Jan-32	0.00	6,136.36	6,136.36	398.98		6,535.34
15-Jul-32	128,428.00	6,136.36	134,564.36	398.98		134,963.34
15-Jan-33	0.00	4,654.95	4,654.95	302.66		4,957.61
15-Jul-33	131,425.00	4,654.95	136,079.95	302.66		136,382.61
15-Jan-34	0.00	3,138.96	3,138.96	204.09		3,343.05
15-Jul-34	134,493.00	3,138.96	137,631.96	204.09		137,836.05
15-Jan-35	0.00	1,587.59	1,587.59	103.22		1,690.81
15-Jul-35	137,632.00	1,587.59	139,219.59	103.22		139,322.81
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
	$3,000,000.00	$1,176,579.00	$4,176,579.00	$75,563.08	$18,300.00	$4,270,442.08

SCHEDULE C

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 11

Interest Rate:	2.31%

MWRA
CW-05-09
Final Structuring Analysis

Schedule of Payments

Initial Principal Amount:	$4,500,000.00

	Schedule of Payments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.07500%	Origination Fee	Due
16-Nov-05						
15-Jul-06	$84,359.00	$73,535.62	$157,894.62	$3,375.00	28,669.98	$189,939.60
15-Jan-07	0.00	50,934.42	50,934.42	3,311.73		54,246.15
15-Jul-07	108,208.00	50,934.42	159,142.42	3,311.73		162,454.15
15-Jan-08	0.00	49,686.24	49,686.24	3,230.57		52,916.81
15-Jul-08	110,734.00	49,686.24	160,420.24	3,230.57		163,650.81
15-Jan-09	0.00	48,408.92	48,408.92	3,147.52		51,556.44
15-Jul-09	113,318.00	48,408.92	161,726.92	3,147.52		164,874.44
15-Jan-10	0.00	47,101.80	47,101.80	3,062.54		50,164.34
15-Jul-10	115,963.00	47,101.80	163,064.80	3,062.54		166,127.34
15-Jan-11	0.00	45,764.16	45,764.16	2,975.56		48,739.72
15-Jul-11	118,669.00	45,764.16	164,433.16	2,975.56		167,408.72
15-Jan-12	0.00	44,395.32	44,395.32	2,886.56		47,281.88
15-Jul-12	121,439.00	44,395.32	165,834.32	2,886.56		168,720.88
15-Jan-13	0.00	42,994.52	42,994.52	2,795.48		45,790.00
15-Jul-13	124,273.00	42,994.52	167,267.52	2,795.48		170,063.00
15-Jan-14	0.00	41,561.03	41,561.03	2,702.28		44,263.31
15-Jul-14	127,174.00	41,561.03	168,735.03	2,702.28		171,437.31
15-Jan-15	0.00	40,094.08	40,094.08	2,606.90		42,700.98
15-Jul-15	130,142.00	40,094.08	170,236.08	2,606.90		172,842.98
15-Jan-16	0.00	38,592.89	38,592.89	2,509.29		41,102.18
15-Jul-16	133,179.00	38,592.89	171,771.89	2,509.29		174,281.18
15-Jan-17	0.00	37,056.67	37,056.67	2,409.41		39,466.08
15-Jul-17	136,288.00	37,056.67	173,344.67	2,409.41		175,754.08
15-Jan-18	0.00	35,484.59	35,484.59	2,307.19		37,791.78
15-Jul-18	139,468.00	35,484.59	174,952.59	2,307.19		177,259.78
15-Jan-19	0.00	33,875.82	33,875.82	2,202.59		36,078.41
15-Jul-19	142,724.00	33,875.82	176,599.82	2,202.59		178,802.41
15-Jan-20	0.00	32,229.50	32,229.50	2,095.55		34,325.05
15-Jul-20	146,055.00	32,229.50	178,284.50	2,095.55		180,380.05
15-Jan-21	0.00	30,544.76	30,544.76	1,986.01		32,530.77
15-Jul-21	149,463.00	30,544.76	180,007.76	1,986.01		181,993.77
15-Jan-22	0.00	28,820.70	28,820.70	1,873.91		30,694.61
15-Jul-22	152,952.00	28,820.70	181,772.70	1,873.91		183,646.61
15-Jan-23	0.00	27,056.40	27,056.40	1,759.19		28,815.59
15-Jul-23	156,522.00	27,056.40	183,578.40	1,759.19		185,337.59
15-Jan-24	0.00	25,250.92	25,250.92	1,641.80		26,892.72
15-Jul-24	160,175.00	25,250.92	185,425.92	1,641.80		187,067.72
15-Jan-25	0.00	23,403.30	23,403.30	1,521.67		24,924.97
15-Jul-25	163,913.00	23,403.30	187,316.30	1,521.67		188,837.97
15-Jan-26	0.00	21,512.57	21,512.57	1,398.74		22,911.31
15-Jul-26	167,739.00	21,512.57	189,251.57	1,398.74		190,650.31
15-Jan-27	0.00	19,577.70	19,577.70	1,272.93		20,850.63
15-Jul-27	171,654.00	19,577.70	191,231.70	1,272.93		192,504.63
15-Jan-28	0.00	17,597.67	17,597.67	1,144.19		18,741.86
15-Jul-28	175,660.00	17,597.67	193,257.67	1,144.19		194,401.86
15-Jan-29	0.00	15,571.43	15,571.43	1,012.45		16,583.88
15-Jul-29	179,760.00	15,571.43	195,331.43	1,012.45		196,343.88
15-Jan-30	0.00	13,497.90	13,497.90	877.63		14,375.53
15-Jul-30	183,955.00	13,497.90	197,452.90	877.63		198,330.53
15-Jan-31	0.00	11,375.98	11,375.98	739.66		12,115.64
15-Jul-31	188,248.00	11,375.98	199,623.98	739.66		200,363.64
15-Jan-32	0.00	9,204.54	9,204.54	598.47		9,803.01
15-Jul-32	192,642.00	9,204.54	201,846.54	598.47		202,445.01
15-Jan-33	0.00	6,982.41	6,982.41	453.99		7,436.40
15-Jul-33	197,138.00	6,982.41	204,120.41	453.99		204,574.40
15-Jan-34	0.00	4,708.43	4,708.43	306.14		5,014.57
15-Jul-34	201,739.00	4,708.43	206,447.43	306.14		206,753.57
15-Jan-35	0.00	2,381.37	2,381.37	154.84		2,536.21
15-Jul-35	206,447.00	2,381.37	208,828.37	154.84		208,983.21
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
	$4,500,000.00	$1,764,867.70	$6,264,867.70	$113,344.58	$28,669.98	$6,406,882.26

Massachusetts Water Pollution Abatement Trust

SCHEDULE C

Water Pollution Abatement and Drinking Water Revenue Bonds

(Pool Program Bonds)

Pool Program Bonds, Pool 11

MWRA
DW-05-03

Final Structuring Analysis

Loan Interest Rate	0.00%

Schedule of Loan Repayments

Initial Loan Obligation:	$11,000,000.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.07500%	Origination Fee	Due
16-Nov-05						
15-Jul-06	$550,000.00	$0.00	$550,000.00	$8,250.00	67,100.00	$625,350.00
15-Jan-07	0.00	0.00	0.00	7,837.50		7,837.50
15-Jul-07	550,000.00	0.00	550,000.00	7,837.50		557,837.50
15-Jan-08	0.00	0.00	0.00	7,425.00		7,425.00
15-Jul-08	550,000.00	0.00	550,000.00	7,425.00		557,425.00
15-Jan-09	0.00	0.00	0.00	7,012.50		7,012.50
15-Jul-09	550,000.00	0.00	550,000.00	7,012.50		557,012.50
15-Jan-10	0.00	0.00	0.00	6,600.00		6,600.00
15-Jul-10	550,000.00	0.00	550,000.00	6,600.00		556,600.00
15-Jan-11	0.00	0.00	0.00	6,187.50		6,187.50
15-Jul-11	550,000.00	0.00	550,000.00	6,187.50		556,187.50
15-Jan-12	0.00	0.00	0.00	5,775.00		5,775.00
15-Jul-12	550,000.00	0.00	550,000.00	5,775.00		555,775.00
15-Jan-13	0.00	0.00	0.00	5,362.50		5,362.50
15-Jul-13	550,000.00	0.00	550,000.00	5,362.50		555,362.50
15-Jan-14	0.00	0.00	0.00	4,950.00		4,950.00
15-Jul-14	550,000.00	0.00	550,000.00	4,950.00		554,950.00
15-Jan-15	0.00	0.00	0.00	4,537.50		4,537.50
15-Jul-15	550,000.00	0.00	550,000.00	4,537.50		554,537.50
15-Jan-16	0.00	0.00	0.00	4,125.00		4,125.00
15-Jul-16	550,000.00	0.00	550,000.00	4,125.00		554,125.00
15-Jan-17	0.00	0.00	0.00	3,712.50		3,712.50
15-Jul-17	550,000.00	0.00	550,000.00	3,712.50		553,712.50
15-Jan-18	0.00	0.00	0.00	3,300.00		3,300.00
15-Jul-18	550,000.00	0.00	550,000.00	3,300.00		553,300.00
15-Jan-19	0.00	0.00	0.00	2,887.50		2,887.50
15-Jul-19	550,000.00	0.00	550,000.00	2,887.50		552,887.50
15-Jan-20	0.00	0.00	0.00	2,475.00		2,475.00
15-Jul-20	550,000.00	0.00	550,000.00	2,475.00		552,475.00
15-Jan-21	0.00	0.00	0.00	2,062.50		2,062.50
15-Jul-21	550,000.00	0.00	550,000.00	2,062.50		552,062.50
15-Jan-22	0.00	0.00	0.00	1,650.00		1,650.00
15-Jul-22	550,000.00	0.00	550,000.00	1,650.00		551,650.00
15-Jan-23	0.00	0.00	0.00	1,237.50		1,237.50
15-Jul-23	550,000.00	0.00	550,000.00	1,237.50		551,237.50
15-Jan-24	0.00	0.00	0.00	825.00		825.00
15-Jul-24	550,000.00	0.00	550,000.00	825.00		550,825.00
15-Jan-25	0.00	0.00	0.00	412.50		412.50
15-Jul-25	550,000.00	0.00	550,000.00	412.50		550,412.50
15-Jan-26	0.00	0.00	0.00	0.00		0.00
15-Jul-26	0.00	0.00	0.00	0.00		0.00
15-Jan-27	0.00	0.00	0.00	0.00		0.00
15-Jul-27	0.00	0.00	0.00	0.00		0.00
15-Jan-28	0.00	0.00	0.00	0.00		0.00
15-Jul-28	0.00	0.00	0.00	0.00		0.00
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
	$11,000,000.00	$0.00	$11,000,000.00	$165,000.00	$67,100.00	$11,232,100.00

SCHEDULE C

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 11

MWRA
DW-05-04

Final Structuring Analysis

Loan Interest Rate	2.00%

Schedule of Loan Repayments

Initial Loan Obligation:	$2,927,158.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.07500%	Origination Fee	Due
16-Nov-05						
15-Jul-06	$108,650.00	$41,468.07	$150,118.07	$2,195.37	17,855.66	$170,169.10
15-Jan-07	0.00	28,185.08	28,185.08	2,113.88		30,298.96
15-Jul-07	123,165.00	28,185.08	151,350.08	2,113.88		153,463.96
15-Jan-08	0.00	26,953.43	26,953.43	2,021.51		28,974.94
15-Jul-08	125,653.00	26,953.43	152,606.43	2,021.51		154,627.94
15-Jan-09	0.00	25,696.90	25,696.90	1,927.27		27,624.17
15-Jul-09	128,192.00	25,696.90	153,888.90	1,927.27		155,816.17
15-Jan-10	0.00	24,414.98	24,414.98	1,831.12		26,246.10
15-Jul-10	130,781.00	24,414.98	155,195.98	1,831.12		157,027.10
15-Jan-11	0.00	23,107.17	23,107.17	1,733.04		24,840.21
15-Jul-11	133,423.00	23,107.17	156,530.17	1,733.04		158,263.21
15-Jan-12	0.00	21,772.94	21,772.94	1,632.97		23,405.91
15-Jul-12	136,119.00	21,772.94	157,891.94	1,632.97		159,524.91
15-Jan-13	0.00	20,411.75	20,411.75	1,530.88		21,942.63
15-Jul-13	138,869.00	20,411.75	159,280.75	1,530.88		160,811.63
15-Jan-14	0.00	19,023.06	19,023.06	1,426.73		20,449.79
15-Jul-14	141,674.00	19,023.06	160,697.06	1,426.73		162,123.79
15-Jan-15	0.00	17,606.32	17,606.32	1,320.47		18,926.79
15-Jul-15	144,536.00	17,606.32	162,142.32	1,320.47		163,462.79
15-Jan-16	0.00	16,160.96	16,160.96	1,212.07		17,373.03
15-Jul-16	147,456.00	16,160.96	163,616.96	1,212.07		164,829.03
15-Jan-17	0.00	14,686.40	14,686.40	1,101.48		15,787.88
15-Jul-17	150,435.00	14,686.40	165,121.40	1,101.48		166,222.88
15-Jan-18	0.00	13,182.05	13,182.05	988.65		14,170.70
15-Jul-18	153,474.00	13,182.05	166,656.05	988.65		167,644.70
15-Jan-19	0.00	11,647.31	11,647.31	873.55		12,520.86
15-Jul-19	156,575.00	11,647.31	168,222.31	873.55		169,095.86
15-Jan-20	0.00	10,081.56	10,081.56	756.12		10,837.68
15-Jul-20	159,738.00	10,081.56	169,819.56	756.12		170,575.68
15-Jan-21	0.00	8,484.18	8,484.18	636.31		9,120.49
15-Jul-21	162,965.00	8,484.18	171,449.18	636.31		172,085.49
15-Jan-22	0.00	6,854.53	6,854.53	514.09		7,368.62
15-Jul-22	166,257.00	6,854.53	173,111.53	514.09		173,625.62
15-Jan-23	0.00	5,191.96	5,191.96	389.40		5,581.36
15-Jul-23	169,616.00	5,191.96	174,807.96	389.40		175,197.36
15-Jan-24	0.00	3,495.80	3,495.80	262.19		3,757.99
15-Jul-24	173,042.00	3,495.80	176,537.80	262.19		176,799.99
15-Jan-25	0.00	1,765.38	1,765.38	132.40		1,897.78
15-Jul-25	176,538.00	1,765.38	178,303.38	132.40		178,435.78
15-Jan-26	0.00	0.00	0.00	0.00		0.00
15-Jul-26	0.00	0.00	0.00	0.00		0.00
15-Jan-27	0.00	0.00	0.00	0.00		0.00
15-Jul-27	0.00	0.00	0.00	0.00		0.00
15-Jan-28	0.00	0.00	0.00	0.00		0.00
15-Jul-28	0.00	0.00	0.00	0.00		0.00
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
	$2,927,158.00	$638,911.59	$3,566,069.59	$47,003.63	$17,855.66	$3,630,928.88

Massachusetts Water Pollution Abatement Trust

SCHEDULE C

Water Pollution Abatement and Drinking Water Revenue Bonds

(Pool Program Bonds)

Pool Program Bonds, Pool 11

MWRA
DW-05-05

Final Structuring Analysis

Loan Interest Rate	2.00%

Schedule of Loan Repayments

Initial Loan Obligation:	$1,000,000.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.07500%	Origination Fee	Due
16-Nov-05						
15-Jul-06	$37,118.00	$14,166.67	$51,284.67	$750.00	6,100.00	$58,134.67
15-Jan-07	0.00	9,628.82	9,628.82	722.16		10,350.98
15-Jul-07	42,077.00	9,628.82	51,705.82	722.16		52,427.98
15-Jan-08	0.00	9,208.05	9,208.05	690.60		9,898.65
15-Jul-08	42,927.00	9,208.05	52,135.05	690.60		52,825.65
15-Jan-09	0.00	8,778.78	8,778.78	658.41		9,437.19
15-Jul-09	43,794.00	8,778.78	52,572.78	658.41		53,231.19
15-Jan-10	0.00	8,340.84	8,340.84	625.56		8,966.40
15-Jul-10	44,679.00	8,340.84	53,019.84	625.56		53,645.40
15-Jan-11	0.00	7,894.05	7,894.05	592.05		8,486.10
15-Jul-11	45,581.00	7,894.05	53,475.05	592.05		54,067.10
15-Jan-12	0.00	7,438.24	7,438.24	557.87		7,996.11
15-Jul-12	46,502.00	7,438.24	53,940.24	557.87		54,498.11
15-Jan-13	0.00	6,973.22	6,973.22	522.99		7,496.21
15-Jul-13	47,441.00	6,973.22	54,414.22	522.99		54,937.21
15-Jan-14	0.00	6,498.81	6,498.81	487.41		6,986.22
15-Jul-14	48,400.00	6,498.81	54,898.81	487.41		55,386.22
15-Jan-15	0.00	6,014.81	6,014.81	451.11		6,465.92
15-Jul-15	49,378.00	6,014.81	55,392.81	451.11		55,843.92
15-Jan-16	0.00	5,521.03	5,521.03	414.08		5,935.11
15-Jul-16	50,375.00	5,521.03	55,896.03	414.08		56,310.11
15-Jan-17	0.00	5,017.28	5,017.28	376.30		5,393.58
15-Jul-17	51,393.00	5,017.28	56,410.28	376.30		56,786.58
15-Jan-18	0.00	4,503.35	4,503.35	337.75		4,841.10
15-Jul-18	52,431.00	4,503.35	56,934.35	337.75		57,272.10
15-Jan-19	0.00	3,979.04	3,979.04	298.43		4,277.47
15-Jul-19	53,490.00	3,979.04	57,469.04	298.43		57,767.47
15-Jan-20	0.00	3,444.14	3,444.14	258.31		3,702.45
15-Jul-20	54,571.00	3,444.14	58,015.14	258.31		58,273.45
15-Jan-21	0.00	2,898.43	2,898.43	217.38		3,115.81
15-Jul-21	55,673.00	2,898.43	58,571.43	217.38		58,788.81
15-Jan-22	0.00	2,341.70	2,341.70	175.63		2,517.33
15-Jul-22	56,798.00	2,341.70	59,139.70	175.63		59,315.33
15-Jan-23	0.00	1,773.72	1,773.72	133.03		1,906.75
15-Jul-23	57,946.00	1,773.72	59,719.72	133.03		59,852.75
15-Jan-24	0.00	1,194.26	1,194.26	89.57		1,283.83
15-Jul-24	59,116.00	1,194.26	60,310.26	89.57		60,399.83
15-Jan-25	0.00	603.10	603.10	45.23		648.33
15-Jul-25	60,310.00	603.10	60,913.10	45.23		60,958.33
15-Jan-26	0.00	0.00	0.00	0.00		0.00
15-Jul-26	0.00	0.00	0.00	0.00		0.00
15-Jan-27	0.00	0.00	0.00	0.00		0.00
15-Jul-27	0.00	0.00	0.00	0.00		0.00
15-Jan-28	0.00	0.00	0.00	0.00		0.00
15-Jul-28	0.00	0.00	0.00	0.00		0.00
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
	$1,000,000.00	$218,270.01	$1,218,270.01	$16,057.74	$6,100.00	$1,240,427.75

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 10
MWRA
CW-05-04-D
Final Structuring Analysis

AMENDED SCHEDULE C

Net Borrower Savings due to 2006 Refunding: 385,912.39

G.E. 2.00%

Schedule of Payments

Initial Principal Amount: 5,943,728.27

	Schedule of Payments			Subsidy Amounts			Net Payments		
Date	Principal	Interest	Total	Equity Earnings	Commonwealth Subsidies	Total	Principal	Interest	Total
01-Feb-07	0.00	76,389.22	76,389.22	20,489.67	3,112.26	23,601.93	0.00	52,787.29	52,787.29
01-Aug-07	128,777.84	139,592.44	268,370.28	38,822.53	25,734.46	64,556.99	128,777.84	75,035.44	203,813.28
01-Feb-08	0.00	136,372.99	136,372.99	37,981.40	4,957.82	42,939.22	0.00	93,433.77	93,433.77
01-Aug-08	134,179.70	136,372.99	270,552.69	37,981.40	25,734.46	63,715.86	134,179.70	72,657.13	206,836.83
01-Feb-09	0.00	133,018.50	133,018.50	37,104.98	4,957.82	42,062.80	0.00	90,955.70	90,955.70
01-Aug-09	137,804.65	133,018.50	270,823.15	37,104.98	25,734.46	62,839.44	137,804.65	70,179.06	207,983.71
01-Feb-10	0.00	130,951.43	130,951.43	36,204.88	4,957.82	41,162.70	0.00	89,788.72	89,788.72
01-Aug-10	139,753.42	130,951.43	270,704.85	36,204.88	25,734.46	61,939.34	139,753.42	69,012.08	208,765.50
01-Feb-11	0.00	128,855.13	128,855.13	35,292.06	4,957.82	40,249.88	0.00	88,605.25	88,605.25
01-Aug-11	144,268.83	128,855.13	273,123.96	35,292.06	25,734.46	61,026.52	144,268.83	67,828.61	212,097.44
01-Feb-12	0.00	125,248.41	125,248.41	34,349.74	4,957.82	39,307.56	0.00	85,940.85	85,940.85
01-Aug-12	147,888.59	125,248.41	273,137.00	34,349.74	25,734.46	60,084.20	147,888.59	65,164.21	213,052.80
01-Feb-13	0.00	122,882.19	122,882.19	33,383.78	4,957.82	38,341.60	0.00	84,540.59	84,540.59
01-Aug-13	152,189.77	122,882.19	275,071.96	33,383.78	25,734.46	59,118.24	152,189.77	63,763.95	215,953.72
01-Feb-14	0.00	118,887.21	118,887.21	32,389.72	4,957.82	37,347.54	0.00	81,539.66	81,539.66
01-Aug-14	158,136.27	118,887.21	277,023.48	32,389.72	25,734.46	58,124.18	158,136.27	60,763.02	218,899.29
01-Feb-15	0.00	114,736.13	114,736.13	31,356.83	4,957.82	36,314.65	0.00	78,421.48	78,421.48
01-Aug-15	164,791.49	114,736.13	279,527.62	31,356.83	25,734.46	57,091.29	164,791.49	57,644.84	222,436.33
01-Feb-16	0.00	110,410.35	110,410.35	30,280.46	4,957.82	35,238.28	0.00	75,172.06	75,172.06
01-Aug-16	171,265.44	108,884.40	280,149.84	30,280.46	25,423.91	55,704.37	171,265.44	53,180.03	224,445.47
01-Feb-17	0.00	106,193.38	106,193.38	29,161.81	5,014.55	34,176.36	0.00	72,017.02	72,017.02
01-Aug-17	178,327.93	104,289.24	282,617.17	29,161.81	25,403.67	54,565.49	178,327.93	49,723.75	228,051.68
01-Feb-18	0.00	101,478.96	101,478.96	27,997.03	5,007.77	33,004.80	0.00	68,474.16	68,474.16
01-Aug-18	185,390.43	99,784.66	285,175.09	27,997.03	25,439.60	53,436.63	185,390.43	46,348.03	231,738.46
01-Feb-19	0.00	96,410.61	96,410.61	26,786.12	4,919.53	31,705.65	0.00	64,704.96	64,704.96
01-Aug-19	192,452.92	95,339.80	287,792.72	26,786.12	25,478.25	52,264.37	192,452.92	43,075.44	235,528.36
01-Feb-20	0.00	91,059.78	91,059.78	25,529.08	4,809.74	30,338.81	0.00	60,720.97	60,720.97
01-Aug-20	199,515.41	90,800.65	290,316.06	25,529.08	25,533.64	51,062.72	199,515.41	39,737.94	239,253.35
01-Feb-21	0.00	85,377.70	85,377.70	24,225.91	4,668.46	28,894.36	0.00	56,483.34	56,483.34
01-Aug-21	207,166.44	86,038.00	293,204.44	24,225.91	25,579.48	49,805.38	207,166.44	36,232.62	243,399.06
01-Feb-22	0.00	79,282.73	79,282.73	22,872.76	4,482.08	27,354.84	0.00	51,927.89	51,927.89
01-Aug-22	214,817.48	79,504.17	294,321.65	22,872.76	25,303.78	48,176.54	214,817.48	31,327.63	246,145.11
01-Feb-23	0.00	75,996.75	75,996.75	21,469.64	4,906.29	26,375.93	0.00	49,620.82	49,620.82
01-Aug-23	223,057.05	72,783.75	295,840.80	21,469.64	25,029.04	46,498.69	223,057.05	26,285.07	249,342.12
01-Feb-24	0.00	73,150.45	73,150.45	20,012.71	5,461.91	25,474.61	0.00	47,675.84	47,675.84
01-Aug-24	231,296.63	67,193.71	298,490.34	20,012.71	25,026.27	45,038.98	231,296.63	22,154.73	253,451.36
01-Feb-25	0.00	67,163.76	67,163.76	18,501.95	6,032.50	24,534.45	0.00	42,629.31	42,629.31
01-Aug-25	240,124.74	49,461.60	289,586.34	18,501.95	26,809.14	45,311.09	240,124.74	4,150.51	244,275.25
01-Feb-26	0.00	61,435.83	61,435.83	16,933.53	6,032.50	22,966.03	0.00	38,469.80	38,469.80
01-Aug-26	248,952.86	43,162.95	292,115.81	16,933.53	26,809.14	43,742.67	248,373.13	0.00	248,373.13
01-Feb-27	0.00	55,493.03	55,493.03	15,307.45	6,032.50	21,339.95	0.00	34,153.08	34,153.08
01-Aug-27	257,780.97	50,948.25	308,729.22	15,307.45	26,809.14	42,116.59	257,780.97	8,831.66	266,612.63
01-Feb-28	0.00	49,975.66	49,975.66	13,623.71	6,032.50	19,656.21	0.00	30,319.46	30,319.46
01-Aug-28	266,609.09	30,155.11	296,764.20	13,623.71	26,809.14	40,432.85	256,331.35	0.00	256,331.35
01-Feb-29	0.00	43,615.32	43,615.32	11,882.30	6,032.50	17,914.80	0.00	25,700.51	25,700.51
01-Aug-29	276,614.29	23,226.35	299,840.64	11,882.30	26,809.14	38,691.44	261,149.20	0.00	261,149.20
01-Feb-30	0.00	37,008.80	37,008.80	10,075.55	6,032.50	16,108.05	0.00	20,900.76	20,900.76
01-Aug-30	287,208.02	16,043.82	303,251.84	10,075.55	26,809.14	36,884.69	266,367.16	0.00	266,367.16
01-Feb-31	0.00	30,140.80	30,140.80	8,199.60	6,032.50	14,232.10	0.00	15,908.70	15,908.70
01-Aug-31	298,390.30	8,641.62	307,031.92	8,199.60	26,809.14	35,008.74	272,023.18	0.00	272,023.18
01-Feb-32	0.00	22,994.59	22,994.59	6,250.61	6,032.50	12,283.11	0.00	10,711.49	10,711.49
01-Aug-32	309,572.58	704.81	310,277.39	6,250.61	26,809.14	33,059.75	277,217.64	0.00	277,217.64
01-Feb-33	0.00	15,576.50	15,576.50	4,228.58	6,032.50	10,261.08	0.00	5,315.42	5,315.42
01-Aug-33	320,754.86	0.00	320,754.86	4,228.58	34,342.96	38,571.53	282,183.33	0.00	282,183.33
01-Feb-34	0.00	8,166.01	8,166.01	2,133.51	6,032.50	8,166.01	0.00	0.00	0.00
01-Aug-34	326,640.27	0.00	326,640.27	2,133.51	40,816.48	42,949.99	283,690.28	0.00	283,690.28
	$5,943,728.27	$4,475,779.53	$10,419,507.80	$1,286,383.57	$896,788.33	$2,183,171.90	$5,756,321.27	$2,480,014.63	$8,236,335.90

0.00

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series10

MWRA
CW-05-04-D

Schedule C

Final Loan Structuring Analysis

Schedule of Loan Repayments

Initial Principal Amount:	$5,943,728.27

	Scheduled Payments			Loan Subsidy Amounts 3.919400% Equity Earnings	Subsidy Amounts	Total	Net Payments		
	Principal	Interest	Total				Principal	Interest	Total
26-Oct-06									
01-Feb-07	0.00	76,460.78	76,460.78	20,489.67	3,183.82	23,673.49	0.00	52,787.29	52,787.29
01-Aug-07	128,777.84	144,873.07	273,650.91	38,822.53	26,809.14	65,631.67	128,777.84	79,241.40	208,019.24
01-Feb-08	0.00	141,653.62	141,653.62	37,981.40	6,032.50	44,013.90	0.00	97,639.72	97,639.72
01-Aug-08	134,179.70	141,653.62	275,833.32	37,981.40	26,809.14	64,790.54	134,179.70	76,863.08	211,042.78
01-Feb-09	0.00	138,299.13	138,299.13	37,104.98	6,032.50	43,137.48	0.00	95,161.65	95,161.65
01-Aug-09	137,804.65	138,299.13	276,103.78	37,104.98	26,809.14	63,914.12	137,804.65	74,385.01	212,189.66
01-Feb-10	0.00	136,232.06	136,232.06	36,204.88	6,032.50	42,237.38	0.00	93,994.68	93,994.68
01-Aug-10	139,753.42	136,232.06	275,985.48	36,204.88	26,809.14	63,014.02	139,753.42	73,218.04	212,971.46
01-Feb-11	0.00	134,135.76	134,135.76	35,292.06	6,032.50	41,324.56	0.00	92,811.20	92,811.20
01-Aug-11	144,268.83	134,135.76	278,404.59	35,292.06	26,809.14	62,101.20	144,268.83	72,034.56	216,303.39
01-Feb-12	0.00	130,529.04	130,529.04	34,349.74	6,032.50	40,382.24	0.00	90,146.80	90,146.80
01-Aug-12	147,888.59	130,529.04	278,417.63	34,349.74	26,809.14	61,158.88	147,888.59	69,370.16	217,258.75
01-Feb-13	0.00	128,162.82	128,162.82	33,383.78	6,032.50	39,416.28	0.00	88,746.54	88,746.54
01-Aug-13	152,189.77	128,162.82	280,352.59	33,383.78	26,809.14	60,192.92	152,189.77	67,969.90	220,159.67
01-Feb-14	0.00	124,167.84	124,167.84	32,389.72	6,032.50	38,422.22	0.00	85,745.62	85,745.62
01-Aug-14	158,136.27	124,167.84	282,304.11	32,389.72	26,809.14	59,198.86	158,136.27	64,968.98	223,105.25
01-Feb-15	0.00	120,016.76	120,016.76	31,356.83	6,032.50	37,389.33	0.00	82,627.43	82,627.43
01-Aug-15	164,791.49	120,016.76	284,808.25	31,356.83	26,809.14	58,165.97	164,791.49	61,850.79	226,642.28
01-Feb-16	0.00	115,690.98	115,690.98	30,280.46	6,032.50	36,312.96	0.00	79,378.02	79,378.02
01-Aug-16	171,265.44	115,690.98	286,956.42	30,280.46	26,809.14	57,089.60	171,265.44	58,601.38	229,866.82
01-Feb-17	0.00	111,195.26	111,195.26	29,161.81	6,032.50	35,194.31	0.00	76,000.95	76,000.95
01-Aug-17	178,327.93	111,195.26	289,523.19	29,161.81	26,809.14	55,970.95	178,327.93	55,224.31	233,552.24
01-Feb-18	0.00	106,514.16	106,514.16	27,997.03	6,032.50	34,029.53	0.00	72,484.63	72,484.63
01-Aug-18	185,390.43	106,514.16	291,904.59	27,997.03	26,809.14	54,806.17	185,390.43	51,707.99	237,098.42
01-Feb-19	0.00	101,879.40	101,879.40	26,786.12	6,032.50	32,818.62	0.00	69,060.78	69,060.78
01-Aug-19	192,452.92	101,879.40	294,332.32	26,786.12	26,809.14	53,595.26	192,452.92	48,284.14	240,737.06
01-Feb-20	0.00	97,068.07	97,068.07	25,529.08	6,032.50	31,561.58	0.00	65,506.49	65,506.49
01-Aug-20	199,515.41	97,068.07	296,583.48	25,529.08	26,809.14	52,338.22	199,515.41	44,729.85	244,245.26
01-Feb-21	0.00	92,080.19	92,080.19	24,225.91	6,032.50	30,258.41	0.00	61,821.78	61,821.78
01-Aug-21	207,166.44	92,080.19	299,246.63	24,225.91	26,809.14	51,035.05	207,166.44	41,045.14	248,211.58
01-Feb-22	0.00	86,901.03	86,901.03	22,872.76	6,032.50	28,905.26	0.00	57,995.77	57,995.77
01-Aug-22	214,817.48	86,901.03	301,718.51	22,872.76	26,809.14	49,681.90	214,817.48	37,219.13	252,036.61
01-Feb-23	0.00	81,530.59	81,530.59	21,469.64	6,032.50	27,502.14	0.00	54,028.45	54,028.45
01-Aug-23	223,057.05	81,530.59	304,587.64	21,469.64	26,809.14	48,278.78	223,057.05	33,251.81	256,308.86
01-Feb-24	0.00	75,954.16	75,954.16	20,012.71	6,032.50	26,045.21	0.00	49,908.95	49,908.95
01-Aug-24	231,296.63	75,954.16	307,250.79	20,012.71	26,809.14	46,821.85	231,296.63	29,132.31	260,428.94
01-Feb-25	0.00	70,171.75	70,171.75	18,501.95	6,032.50	24,534.45	0.00	45,637.30	45,637.30
01-Aug-25	240,124.74	70,171.75	310,296.49	18,501.95	26,809.14	45,311.09	240,124.74	24,860.66	264,985.40
01-Feb-26	0.00	64,168.63	64,168.63	16,933.53	6,032.50	22,966.03	0.00	41,202.60	41,202.60
01-Aug-26	248,952.86	64,168.63	313,121.49	16,933.53	26,809.14	43,742.67	248,952.86	20,425.96	269,378.82
01-Feb-27	0.00	57,944.81	57,944.81	15,307.45	6,032.50	21,339.95	0.00	36,604.86	36,604.86
01-Aug-27	257,780.97	57,944.81	315,725.78	15,307.45	26,809.14	42,116.59	257,780.97	15,828.22	273,609.19
01-Feb-28	0.00	52,144.74	52,144.74	13,623.71	6,032.50	19,656.21	0.00	32,488.53	32,488.53
01-Aug-28	266,609.09	52,144.74	318,753.83	13,623.71	26,809.14	40,432.85	266,609.09	11,711.89	278,320.98
01-Feb-29	0.00	45,479.51	45,479.51	11,882.30	6,032.50	17,914.80	0.00	27,564.71	27,564.71
01-Aug-29	276,614.29	45,479.51	322,093.80	11,882.30	26,809.14	38,691.44	276,614.29	6,788.07	283,402.36
01-Feb-30	0.00	38,564.15	38,564.15	10,075.55	6,032.50	16,108.05	0.00	22,456.10	22,456.10
01-Aug-30	287,208.02	38,564.15	325,772.17	10,075.55	26,809.14	36,884.69	287,208.02	1,679.46	288,887.48
01-Feb-31	0.00	31,383.95	31,383.95	8,199.60	6,032.50	14,232.10	0.00	17,151.85	17,151.85
01-Aug-31	298,390.30	31,383.95	329,774.25	8,199.60	26,809.14	35,008.74	294,765.51	0.00	294,765.51
01-Feb-32	0.00	23,924.19	23,924.19	6,250.61	6,032.50	12,283.11	0.00	11,641.08	11,641.08
01-Aug-32	309,572.58	23,924.19	333,496.77	6,250.61	26,809.14	33,059.75	300,437.02	0.00	300,437.02
01-Feb-33	0.00	16,184.88	16,184.88	4,228.58	6,032.50	10,261.08	0.00	5,923.80	5,923.80
01-Aug-33	320,754.86	16,184.88	336,939.74	4,228.58	26,809.14	31,037.72	305,902.02	0.00	305,902.02
01-Feb-34	0.00	8,166.01	8,166.01	2,133.51	6,032.50	8,166.01	0.00	0.00	0.00
01-Aug-34	326,640.27	8,166.01	334,806.28	2,133.51	26,809.14	28,942.65	305,863.63	0.00	305,863.63
	5,943,728.27	4,881,620.83	10,825,349.10	1,286,383.60	916,717.24	2,203,100.84	5,895,338.44	2,726,909.82	8,622,248.26

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series10

MWRA
CW-05-04-D

Schedule of Administrative Fee [After October 26, 2006]

Date	Principal Outstanding	Administrative Fee Payable @ 0.075%
26-Oct-06		
01-Feb-07	5,943,728.27	2,352.73
01-Aug-07	5,943,728.27	4,457.80
01-Feb-08	5,814,950.43	4,361.21
01-Aug-08	5,814,950.43	4,361.21
01-Feb-09	5,680,770.73	4,260.58
01-Aug-09	5,680,770.73	4,260.58
01-Feb-10	5,542,966.08	4,157.22
01-Aug-10	5,542,966.08	4,157.22
01-Feb-11	5,403,212.66	4,052.41
01-Aug-11	5,403,212.66	4,052.41
01-Feb-12	5,258,943.83	3,944.21
01-Aug-12	5,258,943.83	3,944.21
01-Feb-13	5,111,055.24	3,833.29
01-Aug-13	5,111,055.24	3,833.29
01-Feb-14	4,958,865.47	3,719.15
01-Aug-14	4,958,865.47	3,719.15
01-Feb-15	4,800,729.20	3,600.55
01-Aug-15	4,800,729.20	3,600.55
01-Feb-16	4,635,937.71	3,476.95
01-Aug-16	4,635,937.71	3,476.95
01-Feb-17	4,464,672.27	3,348.50
01-Aug-17	4,464,672.27	3,348.50
01-Feb-18	4,286,344.34	3,214.76
01-Aug-18	4,286,344.34	3,214.76
01-Feb-19	4,100,953.91	3,075.72
01-Aug-19	4,100,953.91	3,075.72
01-Feb-20	3,908,500.99	2,931.38
01-Aug-20	3,908,500.99	2,931.38
01-Feb-21	3,708,985.58	2,781.74
01-Aug-21	3,708,985.58	2,781.74
01-Feb-22	3,501,819.14	2,626.36
01-Aug-22	3,501,819.14	2,626.36
01-Feb-23	3,287,001.66	2,465.25
01-Aug-23	3,287,001.66	2,465.25
01-Feb-24	3,063,944.61	2,297.96
01-Aug-24	3,063,944.61	2,297.96
01-Feb-25	2,832,647.98	2,124.49
01-Aug-25	2,832,647.98	2,124.49
01-Feb-26	2,592,523.24	1,944.39
01-Aug-26	2,592,523.24	1,944.39
01-Feb-27	2,343,570.38	1,757.68
01-Aug-27	2,343,570.38	1,757.68
01-Feb-28	2,085,789.41	1,564.34
01-Aug-28	2,085,789.41	1,564.34
01-Feb-29	1,819,180.32	1,364.39
01-Aug-29	1,819,180.32	1,364.39
01-Feb-30	1,542,566.03	1,156.92
01-Aug-30	1,542,566.03	1,156.92
01-Feb-31	1,255,358.01	941.52
01-Aug-31	1,255,358.01	941.52
01-Feb-32	956,967.71	717.73
01-Aug-32	956,967.71	717.73
01-Feb-33	647,395.13	485.55
01-Aug-33	647,395.13	485.55
01-Feb-34	326,640.27	244.98
01-Aug-34	326,640.27	244.98
		$147,708.99

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 10
MWRA
CW-05-04-E
Final Loan Structuring Analysis

AMENDED SCHEDULE C

Net Borrower Savings due to 2006 Refunding:	74,792.70
G.E.	2.00%

Schedule of Loan Repayments

Initial Loan Obligation:	2,702,705.36

	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayment		
Date	Principal	Interest	Total	DSRF Earnings	Contract Assistance	Total	Principal	Interest	Total
01-Feb-07	0.00	34,879.40	34,879.40	9,316.97	11,298.15	20,615.12	0.00	14,264.28	14,264.28
01-Aug-07	107,886.61	64,053.39	171,940.00	17,653.21	2,900.06	20,553.27	107,886.61	43,500.12	151,386.73
01-Feb-08	0.00	61,356.22	61,356.22	16,948.53	20,277.31	37,225.84	0.00	24,130.38	24,130.38
01-Aug-08	110,747.74	61,356.22	172,103.96	16,948.53	2,483.29	19,431.82	110,747.74	41,924.40	152,672.14
01-Feb-09	0.00	59,695.06	59,695.06	16,225.16	20,624.94	36,850.10	0.00	22,844.96	22,844.96
01-Aug-09	113,715.35	59,695.06	173,410.41	16,225.16	3,201.72	19,426.88	113,715.35	40,268.18	153,983.53
01-Feb-10	0.00	56,852.14	56,852.14	15,482.40	19,836.16	35,318.57	0.00	21,533.57	21,533.57
01-Aug-10	117,927.72	56,852.14	174,779.86	15,482.40	3,976.04	19,458.45	117,927.72	37,393.69	155,321.41
01-Feb-11	0.00	53,903.95	53,903.95	14,712.14	18,996.11	33,708.25	0.00	20,195.69	20,195.69
01-Aug-11	120,728.48	53,903.95	174,632.43	14,712.14	3,233.97	17,946.11	120,728.48	35,957.83	156,686.31
01-Feb-12	0.00	52,092.99	52,092.99	13,923.58	19,338.62	33,262.20	0.00	18,830.78	18,830.78
01-Aug-12	123,963.92	52,092.99	176,056.91	13,923.58	4,054.53	17,978.11	123,963.92	34,114.87	158,078.79
01-Feb-13	0.00	48,993.95	48,993.95	13,113.89	18,441.75	31,555.64	0.00	17,438.31	17,438.31
01-Aug-13	130,217.50	48,993.95	179,211.45	13,113.89	6,598.15	19,712.04	130,217.50	29,281.91	159,499.41
01-Feb-14	0.00	45,575.71	45,575.71	12,263.35	17,294.66	29,558.01	0.00	16,017.70	16,017.70
01-Aug-14	135,308.28	45,575.71	180,883.99	12,263.35	7,671.92	19,935.27	135,308.28	25,640.44	160,948.72
01-Feb-15	0.00	42,023.89	42,023.89	11,379.56	16,075.94	27,455.50	0.00	14,568.39	14,568.39
01-Aug-15	140,661.45	42,023.89	182,685.34	11,379.56	8,878.47	20,258.03	140,661.45	21,765.86	162,427.31
01-Feb-16	0.00	38,331.51	38,331.51	10,460.80	14,780.91	25,241.72	0.00	13,089.79	13,089.79
01-Aug-16	145,830.40	35,823.47	181,653.87	10,460.80	9,231.26	19,692.07	145,830.40	16,131.40	161,961.80
01-Feb-17	0.00	34,712.25	34,712.25	9,508.28	13,458.29	22,966.57	0.00	11,745.68	11,745.68
01-Aug-17	152,041.89	31,899.18	183,941.07	9,508.28	11,007.78	20,516.07	152,041.89	11,383.11	163,425.00
01-Feb-18	0.00	30,824.03	30,824.03	8,515.19	12,021.13	20,536.32	0.00	10,287.71	10,287.71
01-Aug-18	160,478.93	27,953.85	188,432.78	8,515.19	14,886.54	23,401.73	160,478.93	4,552.11	165,031.04
01-Feb-19	0.00	26,801.58	26,801.58	7,467.00	10,625.15	18,092.15	0.00	8,709.43	8,709.43
01-Aug-19	166,848.62	24,046.94	190,895.56	7,467.00	16,713.10	24,180.10	166,715.47	0.00	166,715.47
01-Feb-20	0.00	22,636.83	22,636.83	6,377.20	9,146.86	15,524.06	0.00	7,112.78	7,112.78
01-Aug-20	173,477.44	20,032.23	193,509.67	6,377.20	18,659.74	25,036.93	168,472.74	0.00	168,472.74
01-Feb-21	0.00	18,335.57	18,335.57	5,244.10	7,584.71	12,828.80	0.00	5,506.76	5,506.76
01-Aug-21	181,234.78	15,815.69	197,050.47	5,244.10	21,571.76	26,815.85	170,234.61	0.00	170,234.61
01-Feb-22	0.00	13,896.52	13,896.52	4,060.33	5,924.26	9,984.59	0.00	3,911.93	3,911.93
01-Aug-22	186,300.04	10,347.80	196,647.84	4,060.33	21,389.57	25,449.90	171,197.94	0.00	171,197.94
01-Feb-23	0.00	9,975.70	9,975.70	2,843.48	4,341.28	7,184.75	0.00	2,790.94	2,790.94
01-Aug-23	216,551.62	4,017.50	220,569.12	2,843.48	46,308.91	49,152.39	171,416.73	0.00	171,416.73
01-Feb-24	0.00	5,215.80	5,215.80	1,429.03	2,016.57	3,445.61	0.00	1,770.20	1,770.20
01-Aug-24	218,784.59	0.00	218,784.59	1,429.03	43,863.35	45,292.38	173,492.21	0.00	173,492.21
01-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	$2,702,705.36	$1,310,587.01	$4,013,292.37	$366,878.18	$488,713.05	$855,591.23	$2,581,037.96	$576,663.17	$3,157,701.13

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series10

MWRA
CW-05-04-E

Schedule C

Final Loan Structuring Analysis

Schedule of Loan Repayments

Initial Loan Obligation:	$2,702,705.36

	Scheduled Loan Payments			Loan Subsidy Amounts 3.919400% Equity Earnings	Contract Assistance Payments	Total	Net Loan Payments		
	Principal	Interest	Total				Principal	Interest	Total
26-Oct-06									
01-Feb-07	0.00	34,907.58	34,907.58	9,316.97	11,326.33	20,643.30	0.00	14,264.28	14,264.28
01-Aug-07	107,886.61	66,132.94	174,019.55	17,653.21	3,342.90	20,996.11	107,886.61	45,136.83	153,023.44
01-Feb-08	0.00	63,435.77	63,435.77	16,948.53	20,720.15	37,668.68	0.00	25,767.09	25,767.09
01-Aug-08	110,747.74	63,435.77	174,183.51	16,948.53	2,926.13	19,874.65	110,747.74	43,561.12	154,308.86
01-Feb-09	0.00	61,774.61	61,774.61	16,225.16	21,067.78	37,292.94	0.00	24,481.67	24,481.67
01-Aug-09	113,715.35	61,774.61	175,489.96	16,225.16	3,644.56	19,869.72	113,715.35	41,904.89	155,620.24
01-Feb-10	0.00	58,931.69	58,931.69	15,482.40	20,279.00	35,761.40	0.00	23,170.29	23,170.29
01-Aug-10	117,927.72	58,931.69	176,859.41	15,482.40	4,418.88	19,901.29	117,927.72	39,030.40	156,958.12
01-Feb-11	0.00	55,983.50	55,983.50	14,712.14	19,438.95	34,151.09	0.00	21,832.41	21,832.41
01-Aug-11	120,728.48	55,983.50	176,711.98	14,712.14	3,676.81	18,388.95	120,728.48	37,594.55	158,323.03
01-Feb-12	0.00	54,172.54	54,172.54	13,923.58	19,781.46	33,705.04	0.00	20,467.50	20,467.50
01-Aug-12	123,963.92	54,172.54	178,136.46	13,923.58	4,497.37	18,420.95	123,963.92	35,751.59	159,715.51
01-Feb-13	0.00	51,073.50	51,073.50	13,113.89	18,884.59	31,998.48	0.00	19,075.02	19,075.02
01-Aug-13	130,217.50	51,073.50	181,291.00	13,113.89	7,040.99	20,154.88	130,217.50	30,918.62	161,136.12
01-Feb-14	0.00	47,655.26	47,655.26	12,263.35	17,737.50	30,000.85	0.00	17,654.41	17,654.41
01-Aug-14	135,308.28	47,655.26	182,963.54	12,263.35	8,114.76	20,378.11	135,308.28	27,277.15	162,585.43
01-Feb-15	0.00	44,103.44	44,103.44	11,379.56	16,518.78	27,898.34	0.00	16,205.10	16,205.10
01-Aug-15	140,661.45	44,103.44	184,764.89	11,379.56	9,321.31	20,700.87	140,661.45	23,402.57	164,064.02
01-Feb-16	0.00	40,411.06	40,411.06	10,460.80	15,223.75	25,684.55	0.00	14,726.51	14,726.51
01-Aug-16	145,830.40	40,411.06	186,241.46	10,460.80	10,208.18	20,668.98	145,830.40	19,742.08	165,572.48
01-Feb-17	0.00	36,583.00	36,583.00	9,508.28	13,856.66	23,364.95	0.00	13,218.05	13,218.05
01-Aug-17	152,041.89	36,583.00	188,624.89	9,508.28	12,005.19	21,513.48	152,041.89	15,069.52	167,111.41
01-Feb-18	0.00	32,591.90	32,591.90	8,515.19	12,397.59	20,912.78	0.00	11,679.12	11,679.12
01-Aug-18	160,478.93	32,591.90	193,070.83	8,515.19	15,874.20	24,389.39	160,478.93	8,202.51	168,681.44
01-Feb-19	0.00	28,579.94	28,579.94	7,467.00	11,003.85	18,470.85	0.00	10,109.09	10,109.09
01-Aug-19	166,848.62	28,579.94	195,428.56	7,467.00	17,678.39	25,145.38	166,848.62	3,434.56	170,283.18
01-Feb-20	0.00	24,408.73	24,408.73	6,377.20	9,524.18	15,901.38	0.00	8,507.35	8,507.35
01-Aug-20	173,477.44	24,408.73	197,886.17	6,377.20	19,591.70	25,968.89	171,917.28	0.00	171,917.28
01-Feb-21	0.00	20,071.78	20,071.78	5,244.10	7,954.43	13,198.53	0.00	6,873.25	6,873.25
01-Aug-21	181,234.78	20,071.78	201,306.56	5,244.10	22,478.08	27,722.17	173,584.39	0.00	173,584.39
01-Feb-22	0.00	15,540.90	15,540.90	4,060.33	6,274.43	10,334.76	0.00	5,206.14	5,206.14
01-Aug-22	186,300.04	15,540.90	201,840.94	4,060.33	22,495.43	26,555.76	175,285.18	0.00	175,285.18
01-Feb-23	0.00	10,883.40	10,883.40	2,843.48	4,534.57	7,378.05	0.00	3,505.35	3,505.35
01-Aug-23	216,551.62	10,883.40	227,435.02	2,843.48	47,571.22	50,414.69	177,020.33	0.00	177,020.33
01-Feb-24	0.00	5,469.62	5,469.62	1,429.03	2,270.39	3,699.42	0.00	1,770.20	1,770.20
01-Aug-24	218,784.59	5,469.62	224,254.21	1,429.03	44,034.65	45,463.68	178,790.53	0.00	178,790.53
01-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2,702,705.36	1,404,381.80	4,107,087.16	366,878.18	507,715.14	874,593.32	2,602,954.59	629,539.25	3,232,493.84

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series10

MWRA
CW-05-04-E

Schedule of Administrative Fee [After October 26, 2006]

Date	Principal Outstanding	Administrative Fee Payable @ 0.075%
26-Oct-06		
01-Feb-07	2,702,705.36	1,069.82
01-Aug-07	2,702,705.36	2,027.03
01-Feb-08	2,594,818.75	1,946.11
01-Aug-08	2,594,818.75	1,946.11
01-Feb-09	2,484,071.01	1,863.05
01-Aug-09	2,484,071.01	1,863.05
01-Feb-10	2,370,355.66	1,777.77
01-Aug-10	2,370,355.66	1,777.77
01-Feb-11	2,252,427.94	1,689.32
01-Aug-11	2,252,427.94	1,689.32
01-Feb-12	2,131,699.46	1,598.77
01-Aug-12	2,131,699.46	1,598.77
01-Feb-13	2,007,735.54	1,505.80
01-Aug-13	2,007,735.54	1,505.80
01-Feb-14	1,877,518.04	1,408.14
01-Aug-14	1,877,518.04	1,408.14
01-Feb-15	1,742,209.76	1,306.66
01-Aug-15	1,742,209.76	1,306.66
01-Feb-16	1,601,548.31	1,201.16
01-Aug-16	1,601,548.31	1,201.16
01-Feb-17	1,455,717.91	1,091.79
01-Aug-17	1,455,717.91	1,091.79
01-Feb-18	1,303,676.02	977.76
01-Aug-18	1,303,676.02	977.76
01-Feb-19	1,143,197.09	857.40
01-Aug-19	1,143,197.09	857.40
01-Feb-20	976,348.47	732.26
01-Aug-20	976,348.47	732.26
01-Feb-21	802,871.03	602.15
01-Aug-21	802,871.03	602.15
01-Feb-22	621,636.25	466.23
01-Aug-22	621,636.25	466.23
01-Feb-23	435,336.21	326.50
01-Aug-23	435,336.21	326.50
01-Feb-24	218,784.59	164.09
01-Aug-24	218,784.59	164.09
01-Feb-25	0.00	0.00
01-Aug-25	0.00	0.00
01-Feb-26	0.00	0.00
01-Aug-26	0.00	0.00
01-Feb-27	0.00	0.00
01-Aug-27	0.00	0.00
01-Feb-28	0.00	0.00
		$42,126.77

NEW - POOL 12
SWAP

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 12

MWRA
CW-08-06

Schedule C

Final Loan Structuring Analysis

Schedule of Loan Repayments

Initial Loan Obligation:	$5,851,591.00

	Scheduled Loan Payments			Administrative Fee Payable @	Total
	Principal	Interest	Total	0.075%	Due
09-Dec-08					
15-Jan-09	0.00	11,703.18	11,703.18	877.74	12,580.92
15-Jul-09	285,213.00	58,515.91	343,728.91	4,388.69	348,117.60
15-Jan-10	0.00	55,663.78	55,663.78	4,174.78	59,838.56
15-Jul-10	290,311.00	55,663.78	345,974.78	4,174.78	350,149.56
15-Jan-11	0.00	52,760.67	52,760.67	3,957.05	56,717.72
15-Jul-11	295,511.00	52,760.67	348,271.67	3,957.05	352,228.72
15-Jan-12	0.00	49,805.56	49,805.56	3,735.42	53,540.98
15-Jul-12	300,816.00	49,805.56	350,621.56	3,735.42	354,356.98
15-Jan-13	0.00	46,797.40	46,797.40	3,509.81	50,307.21
15-Jul-13	306,229.00	46,797.40	353,026.40	3,509.81	356,536.21
15-Jan-14	0.00	43,735.11	43,735.11	3,280.13	47,015.24
15-Jul-14	311,751.00	43,735.11	355,486.11	3,280.13	358,766.24
15-Jan-15	0.00	40,617.60	40,617.60	3,046.32	43,663.92
15-Jul-15	317,384.00	40,617.60	358,001.60	3,046.32	361,047.92
15-Jan-16	0.00	37,443.76	37,443.76	2,808.28	40,252.04
15-Jul-16	323,131.00	37,443.76	360,574.76	2,808.28	363,383.04
15-Jan-17	0.00	34,212.45	34,212.45	2,565.93	36,778.38
15-Jul-17	328,994.00	34,212.45	363,206.45	2,565.93	365,772.38
15-Jan-18	0.00	30,922.51	30,922.51	2,319.19	33,241.70
15-Jul-18	334,976.00	30,922.51	365,898.51	2,319.19	368,217.70
15-Jan-19	0.00	27,572.75	27,572.75	2,067.96	29,640.71
15-Jul-19	341,078.00	27,572.75	368,650.75	2,067.96	370,718.71
15-Jan-20	0.00	24,161.97	24,161.97	1,812.15	25,974.12
15-Jul-20	347,304.00	24,161.97	371,465.97	1,812.15	373,278.12
15-Jan-21	0.00	20,688.93	20,688.93	1,551.67	22,240.60
15-Jul-21	337,804.00	20,688.93	358,492.93	1,551.67	360,044.60
15-Jan-22	0.00	17,310.89	17,310.89	1,298.32	18,609.21
15-Jul-22	344,284.00	17,310.89	361,594.89	1,298.32	362,893.21
15-Jan-23	0.00	13,868.05	13,868.05	1,040.10	14,908.15
15-Jul-23	350,894.00	13,868.05	364,762.05	1,040.10	365,802.15
15-Jan-24	0.00	10,359.11	10,359.11	776.93	11,136.04
15-Jul-24	338,470.00	10,359.11	348,829.11	776.93	349,606.04
15-Jan-25	0.00	6,974.41	6,974.41	523.08	7,497.49
15-Jul-25	345,258.00	6,974.41	352,232.41	523.08	352,755.49
15-Jan-26	0.00	3,521.83	3,521.83	264.14	3,785.97
15-Jul-26	352,183.00	3,521.83	355,704.83	264.14	355,968.97
15-Jan-27	0.00	0.00	0.00	0.00	0.00
15-Jul-27	0.00	0.00	0.00	0.00	0.00
15-Jan-28	0.00	0.00	0.00	0.00	0.00
15-Jul-28	0.00	0.00	0.00	0.00	0.00
15-Jan-29	0.00	0.00	0.00	0.00	0.00
15-Jul-29	0.00	0.00	0.00	0.00	0.00
15-Jan-30	0.00	0.00	0.00	0.00	0.00
15-Jul-30	0.00	0.00	0.00	0.00	0.00
15-Jan-31	0.00	0.00	0.00	0.00	0.00
15-Jul-31	0.00	0.00	0.00	0.00	0.00
15-Jan-32	0.00	0.00	0.00	0.00	0.00
15-Jul-32	0.00	0.00	0.00	0.00	0.00
15-Jan-33	0.00	0.00	0.00	0.00	0.00
15-Jul-33	0.00	0.00	0.00	0.00	0.00
15-Jan-34	0.00	0.00	0.00	0.00	0.00
15-Jul-34	0.00	0.00	0.00	0.00	0.00
15-Jan-35	0.00	0.00	0.00	0.00	0.00
15-Jul-35	0.00	0.00	0.00	0.00	0.00
15-Jan-36	0.00	0.00	0.00	0.00	0.00
15-Jul-36	0.00	0.00	0.00	0.00	0.00
	5,851,591.00	1,103,052.65	6,954,643.65	82,728.95	7,037,372.60

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 12

SCHEDULE C

MWRA
CW-06-10

Final Structuring Analysis

Loan Interest Rate	2.00%

Schedule of Loan Repayments

Initial Loan Obligation:	$1,800,000.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.0750%	Origination Fee	Due
14-Dec-06						
15-Jul-07	$161,447.00	$21,100.00	$182,547.00	$1,350.00	10,093.29	$193,990.29
15-Jan-08	0.00	16,385.53	16,385.53	1,228.91		17,614.44
15-Jul-08	167,840.00	16,385.53	184,225.53	1,228.91		185,454.44
15-Jan-09	0.00	14,707.13	14,707.13	1,103.03		15,810.16
15-Jul-09	171,230.00	14,707.13	185,937.13	1,103.03		187,040.16
15-Jan-10	0.00	12,994.83	12,994.83	974.61		13,969.44
15-Jul-10	174,689.00	12,994.83	187,683.83	974.61		188,658.44
15-Jan-11	0.00	11,247.94	11,247.94	843.60		12,091.54
15-Jul-11	178,219.00	11,247.94	189,466.94	843.60		190,310.54
15-Jan-12	0.00	9,465.75	9,465.75	709.93		10,175.68
15-Jul-12	181,819.00	9,465.75	191,284.75	709.93		191,994.68
15-Jan-13	0.00	7,647.56	7,647.56	573.57		8,221.13
15-Jul-13	185,492.00	7,647.56	193,139.56	573.57		193,713.13
15-Jan-14	0.00	5,792.64	5,792.64	434.45		6,227.09
15-Jul-14	189,239.00	5,792.64	195,031.64	434.45		195,466.09
15-Jan-15	0.00	3,900.25	3,900.25	292.52		4,192.77
15-Jul-15	193,062.00	3,900.25	196,962.25	292.52		197,254.77
15-Jan-16	0.00	1,969.63	1,969.63	147.72		2,117.35
15-Jul-16	196,963.00	1,969.63	198,932.63	147.72		199,080.35
15-Jan-17	0.00	0.00	0.00	0.00		0.00
15-Jul-17	0.00	0.00	0.00	0.00		0.00
15-Jan-18	0.00	0.00	0.00	0.00		0.00
15-Jul-18	0.00	0.00	0.00	0.00		0.00
15-Jan-19	0.00	0.00	0.00	0.00		0.00
15-Jul-19	0.00	0.00	0.00	0.00		0.00
15-Jan-20	0.00	0.00	0.00	0.00		0.00
15-Jul-20	0.00	0.00	0.00	0.00		0.00
15-Jan-21	0.00	0.00	0.00	0.00		0.00
15-Jul-21	0.00	0.00	0.00	0.00		0.00
15-Jan-22	0.00	0.00	0.00	0.00		0.00
15-Jul-22	0.00	0.00	0.00	0.00		0.00
15-Jan-23	0.00	0.00	0.00	0.00		0.00
15-Jul-23	0.00	0.00	0.00	0.00		0.00
15-Jan-24	0.00	0.00	0.00	0.00		0.00
15-Jul-24	0.00	0.00	0.00	0.00		0.00
15-Jan-25	0.00	0.00	0.00	0.00		0.00
15-Jul-25	0.00	0.00	0.00	0.00		0.00
15-Jan-26	0.00	0.00	0.00	0.00		0.00
15-Jul-26	0.00	0.00	0.00	0.00		0.00
15-Jan-27	0.00	0.00	0.00	0.00		0.00
15-Jul-27	0.00	0.00	0.00	0.00		0.00
15-Jan-28	0.00	0.00	0.00	0.00		0.00
15-Jul-28	0.00	0.00	0.00	0.00		0.00
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
	$1,800,000.00	$189,322.52	$1,989,322.52	$13,966.68	$10,093.29	$2,013,382.49

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 12

SCHEDULE C

MWRA
CW-06-11

Final Structuring Analysis

Loan Interest Rate	2.00%

Schedule of Loan Repayments

Initial Loan Obligation:	$2,449,820.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.0750%	Origination Fee	Due
14-Dec-06						
15-Jul-07	$219,731.00	$28,717.33	$248,448.33	$1,837.37	13,737.08	$264,022.78
15-Jan-08	0.00	22,300.89	22,300.89	1,672.57		23,973.46
15-Jul-08	228,432.00	22,300.89	250,732.89	1,672.57		252,405.46
15-Jan-09	0.00	20,016.57	20,016.57	1,501.24		21,517.81
15-Jul-09	233,046.00	20,016.57	253,062.57	1,501.24		254,563.81
15-Jan-10	0.00	17,686.11	17,686.11	1,326.46		19,012.57
15-Jul-10	237,754.00	17,686.11	255,440.11	1,326.46		256,766.57
15-Jan-11	0.00	15,308.57	15,308.57	1,148.14		16,456.71
15-Jul-11	242,557.00	15,308.57	257,865.57	1,148.14		259,013.71
15-Jan-12	0.00	12,883.00	12,883.00	966.23		13,849.23
15-Jul-12	247,458.00	12,883.00	260,341.00	966.23		261,307.23
15-Jan-13	0.00	10,408.42	10,408.42	780.63		11,189.05
15-Jul-13	252,457.00	10,408.42	262,865.42	780.63		263,646.05
15-Jan-14	0.00	7,883.85	7,883.85	591.29		8,475.14
15-Jul-14	257,557.00	7,883.85	265,440.85	591.29		266,032.14
15-Jan-15	0.00	5,308.28	5,308.28	398.12		5,706.40
15-Jul-15	262,760.00	5,308.28	268,068.28	398.12		268,466.40
15-Jan-16	0.00	2,680.68	2,680.68	201.05		2,881.73
15-Jul-16	268,068.00	2,680.68	270,748.68	201.05		270,949.73
15-Jan-17	0.00	0.00	0.00	0.00		0.00
15-Jul-17	0.00	0.00	0.00	0.00		0.00
15-Jan-18	0.00	0.00	0.00	0.00		0.00
15-Jul-18	0.00	0.00	0.00	0.00		0.00
15-Jan-19	0.00	0.00	0.00	0.00		0.00
15-Jul-19	0.00	0.00	0.00	0.00		0.00
15-Jan-20	0.00	0.00	0.00	0.00		0.00
15-Jul-20	0.00	0.00	0.00	0.00		0.00
15-Jan-21	0.00	0.00	0.00	0.00		0.00
15-Jul-21	0.00	0.00	0.00	0.00		0.00
15-Jan-22	0.00	0.00	0.00	0.00		0.00
15-Jul-22	0.00	0.00	0.00	0.00		0.00
15-Jan-23	0.00	0.00	0.00	0.00		0.00
15-Jul-23	0.00	0.00	0.00	0.00		0.00
15-Jan-24	0.00	0.00	0.00	0.00		0.00
15-Jul-24	0.00	0.00	0.00	0.00		0.00
15-Jan-25	0.00	0.00	0.00	0.00		0.00
15-Jul-25	0.00	0.00	0.00	0.00		0.00
15-Jan-26	0.00	0.00	0.00	0.00		0.00
15-Jul-26	0.00	0.00	0.00	0.00		0.00
15-Jan-27	0.00	0.00	0.00	0.00		0.00
15-Jul-27	0.00	0.00	0.00	0.00		0.00
15-Jan-28	0.00	0.00	0.00	0.00		0.00
15-Jul-28	0.00	0.00	0.00	0.00		0.00
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
	$2,449,820.00	$257,670.07	$2,707,490.07	$19,008.83	$13,737.08	$2,740,235.98

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 12
MWRA
CW-06-15
Final Structuring Analysis

SCHEDULE C

Loan Interest Rate 2.00%

Schedule of Loan Repayments

Initial Loan Obligation: $4,000,000.00

Date	Schedule of Loan Repayments Principal	Interest	Total	Admin. Fee 0.0750%	Loan Origination Fee	Total Due
14-Dec-06						
15-Jul-07	$358,770.00	$46,888.89	$405,658.89	$3,000.00	22,429.54	$431,088.43
15-Jan-08	0.00	36,412.30	36,412.30	2,730.92		39,143.22
15-Jul-08	372,977.00	36,412.30	409,389.30	2,730.92		412,120.22
15-Jan-09	0.00	32,682.53	32,682.53	2,451.19		35,133.72
15-Jul-09	380,512.00	32,682.53	413,194.53	2,451.19		415,645.72
15-Jan-10	0.00	28,877.41	28,877.41	2,165.81		31,043.22
15-Jul-10	388,199.00	28,877.41	417,076.41	2,165.81		419,242.22
15-Jan-11	0.00	24,995.42	24,995.42	1,874.66		26,870.08
15-Jul-11	396,041.00	24,995.42	421,036.42	1,874.66		422,911.08
15-Jan-12	0.00	21,035.01	21,035.01	1,577.63		22,612.64
15-Jul-12	404,042.00	21,035.01	425,077.01	1,577.63		426,654.64
15-Jan-13	0.00	16,994.59	16,994.59	1,274.59		18,269.18
15-Jul-13	412,205.00	16,994.59	429,199.59	1,274.59		430,474.18
15-Jan-14	0.00	12,872.54	12,872.54	965.44		13,837.98
15-Jul-14	420,532.00	12,872.54	433,404.54	965.44		434,369.98
15-Jan-15	0.00	8,667.22	8,667.22	650.04		9,317.26
15-Jul-15	429,027.00	8,667.22	437,694.22	650.04		438,344.26
15-Jan-16	0.00	4,376.95	4,376.95	328.27		4,705.22
15-Jul-16	437,695.00	4,376.95	442,071.95	328.27		442,400.22
15-Jan-17	0.00	0.00	0.00	0.00		0.00
15-Jul-17	0.00	0.00	0.00	0.00		0.00
15-Jan-18	0.00	0.00	0.00	0.00		0.00
15-Jul-18	0.00	0.00	0.00	0.00		0.00
15-Jan-19	0.00	0.00	0.00	0.00		0.00
15-Jul-19	0.00	0.00	0.00	0.00		0.00
15-Jan-20	0.00	0.00	0.00	0.00		0.00
15-Jul-20	0.00	0.00	0.00	0.00		0.00
15-Jan-21	0.00	0.00	0.00	0.00		0.00
15-Jul-21	0.00	0.00	0.00	0.00		0.00
15-Jan-22	0.00	0.00	0.00	0.00		0.00
15-Jul-22	0.00	0.00	0.00	0.00		0.00
15-Jan-23	0.00	0.00	0.00	0.00		0.00
15-Jul-23	0.00	0.00	0.00	0.00		0.00
15-Jan-24	0.00	0.00	0.00	0.00		0.00
15-Jul-24	0.00	0.00	0.00	0.00		0.00
15-Jan-25	0.00	0.00	0.00	0.00		0.00
15-Jul-25	0.00	0.00	0.00	0.00		0.00
15-Jan-26	0.00	0.00	0.00	0.00		0.00
15-Jul-26	0.00	0.00	0.00	0.00		0.00
15-Jan-27	0.00	0.00	0.00	0.00		0.00
15-Jul-27	0.00	0.00	0.00	0.00		0.00
15-Jan-28	0.00	0.00	0.00	0.00		0.00
15-Jul-28	0.00	0.00	0.00	0.00		0.00
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
	$4,000,000.00	$420,716.83	$4,420,716.83	$31,037.10	$22,429.54	$4,474,183.47

Massachusetts Water Pollution Abatement Trust

SCHEDULE C

Water Pollution Abatement and Drinking Water Revenue Bonds

(Pool Program Bonds)

Pool Program Bonds, Pool 12

MWRA

[illegible]-05-08A

Structuring Analysis

Interest Rate	2.345%

Schedule of Payments

Initial Principal Amount:	$11,000,000.00

	Schedule of Payments			Admin. Fee		Total
Date	Principal	Interest	Total	0.0750%	Origination Fee	Due
14-Dec-06						
15-Jul-07	$234,228.00	$151,187.36	$385,415.36	$8,250.00	61,681.24	$455,346.60
15-Jan-08	0.00	126,228.68	126,228.68	8,074.33		134,303.01
15-Jul-08	262,261.00	126,228.68	388,489.68	8,074.33		396,564.01
15-Jan-09	0.00	123,153.67	123,153.67	7,877.63		131,031.30
15-Jul-09	268,484.00	123,153.67	391,637.67	7,877.63		399,515.30
15-Jan-10	0.00	120,005.69	120,005.69	7,676.27		127,681.96
15-Jul-10	274,855.00	120,005.69	394,860.69	7,676.27		402,536.96
15-Jan-11	0.00	116,783.02	116,783.02	7,470.13		124,253.15
15-Jul-11	281,377.00	116,783.02	398,160.02	7,470.13		405,630.15
15-Jan-12	0.00	113,483.87	113,483.87	7,259.10		120,742.97
15-Jul-12	288,053.00	113,483.87	401,536.87	7,259.10		408,795.97
15-Jan-13	0.00	110,106.45	110,106.45	7,043.06		117,149.51
15-Jul-13	294,888.00	110,106.45	404,994.45	7,043.06		412,037.51
15-Jan-14	0.00	106,648.89	106,648.89	6,821.89		113,470.78
15-Jul-14	301,886.00	106,648.89	408,534.89	6,821.89		415,356.78
15-Jan-15	0.00	103,109.28	103,109.28	6,595.48		109,704.76
15-Jul-15	309,049.00	103,109.28	412,158.28	6,595.48		418,753.76
15-Jan-16	0.00	99,485.68	99,485.68	6,363.69		105,849.37
15-Jul-16	316,382.00	99,485.68	415,867.68	6,363.69		422,231.37
15-Jan-17	0.00	95,776.10	95,776.10	6,126.40		101,902.50
15-Jul-17	323,889.00	95,776.10	419,665.10	6,126.40		425,791.50
15-Jan-18	0.00	91,978.50	91,978.50	5,883.49		97,861.99
15-Jul-18	331,575.00	91,978.50	423,553.50	5,883.49		429,436.99
15-Jan-19	0.00	88,090.78	88,090.78	5,634.80		93,725.58
15-Jul-19	339,442.00	88,090.78	427,532.78	5,634.80		433,167.58
15-Jan-20	0.00	84,110.83	84,110.83	5,380.22		89,491.05
15-Jul-20	347,497.00	84,110.83	431,607.83	5,380.22		436,988.05
15-Jan-21	0.00	80,036.43	80,036.43	5,119.60		85,156.03
15-Jul-21	355,742.00	80,036.43	435,778.43	5,119.60		440,898.03
15-Jan-22	0.00	75,865.35	75,865.35	4,852.79		80,718.14
15-Jul-22	364,183.00	75,865.35	440,048.35	4,852.79		444,901.14
15-Jan-23	0.00	71,595.31	71,595.31	4,579.66		76,174.97
15-Jul-23	372,825.00	71,595.31	444,420.31	4,579.66		448,999.97
15-Jan-24	0.00	67,223.93	67,223.93	4,300.04		71,523.97
15-Jul-24	381,671.00	67,223.93	448,894.93	4,300.04		453,194.97
15-Jan-25	0.00	62,748.84	62,748.84	4,013.78		66,762.62
15-Jul-25	390,727.00	62,748.84	453,475.84	4,013.78		457,489.62
15-Jan-26	0.00	58,167.57	58,167.57	3,720.74		61,888.31
15-Jul-26	399,999.00	58,167.57	458,166.57	3,720.74		461,887.31
15-Jan-27	0.00	53,477.58	53,477.58	3,420.74		56,898.32
15-Jul-27	409,490.00	53,477.58	462,967.58	3,420.74		466,388.32
15-Jan-28	0.00	48,676.31	48,676.31	3,113.62		51,789.93
15-Jul-28	419,206.00	48,676.31	467,882.31	3,113.62		470,995.93
15-Jan-29	0.00	43,761.12	43,761.12	2,799.22		46,560.34
15-Jul-29	429,153.00	43,761.12	472,914.12	2,799.22		475,713.34
15-Jan-30	0.00	38,729.30	38,729.30	2,477.35		41,206.65
15-Jul-30	439,336.00	38,729.30	478,065.30	2,477.35		480,542.65
15-Jan-31	0.00	33,578.08	33,578.08	2,147.85		35,725.93
15-Jul-31	449,761.00	33,578.08	483,339.08	2,147.85		485,486.93
15-Jan-32	0.00	28,304.63	28,304.63	1,810.53		30,115.16
15-Jul-32	460,433.00	28,304.63	488,737.63	1,810.53		490,548.16
15-Jan-33	0.00	22,906.06	22,906.06	1,465.21		24,371.27
15-Jul-33	471,358.00	22,906.06	494,264.06	1,465.21		495,729.27
15-Jan-34	0.00	17,379.38	17,379.38	1,111.69		18,491.07
15-Jul-34	482,543.00	17,379.38	499,922.38	1,111.69		501,034.07
15-Jan-35	0.00	11,721.57	11,721.57	749.78		12,471.35
15-Jul-35	493,993.00	11,721.57	505,714.57	749.78		506,464.35
15-Jan-36	0.00	5,929.50	5,929.50	379.29		6,308.79
15-Jul-36	505,714.00	5,929.50	511,643.50	379.29		512,022.79
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
	$11,000,000.00	$4,349,312.16	$15,349,312.16	$276,786.76	$61,681.24	$15,687,780.16

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 12
'IRA
05-04C
rinal Structuring Analysis

SCHEDULE C

Interest Rate 2.345%

Schedule of Payments

Initial Principal Amount: $446,133.00

Date	Schedule of Payments Principal	Interest	Total	Admin. Fee 0.0750%	Origination Fee	Total Due
14-Dec-06						
15-Jul-07	$9,500.00	$6,131.81	$15,631.81	$334.60	2,501.64	$18,468.05
15-Jan-08	0.00	5,119.54	5,119.54	327.47		5,447.01
15-Jul-08	10,637.00	5,119.54	15,756.54	327.47		16,084.01
15-Jan-09	0.00	4,994.82	4,994.82	319.50		5,314.32
15-Jul-09	10,889.00	4,994.82	15,883.82	319.50		16,203.32
15-Jan-10	0.00	4,867.14	4,867.14	311.33		5,178.47
15-Jul-10	11,147.00	4,867.14	16,014.14	311.33		16,325.47
15-Jan-11	0.00	4,736.44	4,736.44	302.97		5,039.41
15-Jul-11	11,412.00	4,736.44	16,148.44	302.97		16,451.41
15-Jan-12	0.00	4,602.64	4,602.64	294.41		4,897.05
15-Jul-12	11,683.00	4,602.64	16,285.64	294.41		16,580.05
15-Jan-13	0.00	4,465.65	4,465.65	285.65		4,751.30
15-Jul-13	11,960.00	4,465.65	16,425.65	285.65		16,711.30
15-Jan-14	0.00	4,325.42	4,325.42	276.68		4,602.10
15-Jul-14	12,244.00	4,325.42	16,569.42	276.68		16,846.10
15-Jan-15	0.00	4,181.86	4,181.86	267.50		4,449.36
15-Jul-15	12,534.00	4,181.86	16,715.86	267.50		16,983.36
15-Jan-16	0.00	4,034.90	4,034.90	258.10		4,293.00
15-Jul-16	12,832.00	4,034.90	16,866.90	258.10		17,125.00
15-Jan-17	0.00	3,884.45	3,884.45	248.47		4,132.92
15-Jul-17	13,136.00	3,884.45	17,020.45	248.47		17,268.92
15-Jan-18	0.00	3,730.43	3,730.43	238.62		3,969.05
15-Jul-18	13,448.00	3,730.43	17,178.43	238.62		17,417.05
15-Jan-19	0.00	3,572.75	3,572.75	228.53		3,801.28
15-Jul-19	13,767.00	3,572.75	17,339.75	228.53		17,568.28
15-Jan-20	0.00	3,411.33	3,411.33	218.21		3,629.54
15-Jul-20	14,094.00	3,411.33	17,505.33	218.21		17,723.54
15-Jan-21	0.00	3,246.08	3,246.08	207.64		3,453.72
15-Jul-21	14,428.00	3,246.08	17,674.08	207.64		17,881.72
15-Jan-22	0.00	3,076.91	3,076.91	196.82		3,273.73
15-Jul-22	14,770.00	3,076.91	17,846.91	196.82		18,043.73
15-Jan-23	0.00	2,903.73	2,903.73	185.74		3,089.47
15-Jul-23	15,121.00	2,903.73	18,024.73	185.74		18,210.47
15-Jan-24	0.00	2,726.43	2,726.43	174.40		2,900.83
15-Jul-24	15,480.00	2,726.43	18,206.43	174.40		18,380.83
15-Jan-25	0.00	2,544.93	2,544.93	162.79		2,707.72
15-Jul-25	15,847.00	2,544.93	18,391.93	162.79		18,554.72
15-Jan-26	0.00	2,359.12	2,359.12	150.90		2,510.02
15-Jul-26	16,223.00	2,359.12	18,582.12	150.90		18,733.02
15-Jan-27	0.00	2,168.91	2,168.91	138.74		2,307.65
15-Jul-27	16,608.00	2,168.91	18,776.91	138.74		18,915.65
15-Jan-28	0.00	1,974.18	1,974.18	126.28		2,100.46
15-Jul-28	17,002.00	1,974.18	18,976.18	126.28		19,102.46
15-Jan-29	0.00	1,774.83	1,774.83	113.53		1,888.36
15-Jul-29	17,405.00	1,774.83	19,179.83	113.53		19,293.36
15-Jan-30	0.00	1,570.75	1,570.75	100.47		1,671.22
15-Jul-30	17,818.00	1,570.75	19,388.75	100.47		19,489.22
15-Jan-31	0.00	1,361.84	1,361.84	87.11		1,448.95
15-Jul-31	18,241.00	1,361.84	19,602.84	87.11		19,689.95
15-Jan-32	0.00	1,147.96	1,147.96	73.43		1,221.39
15-Jul-32	18,674.00	1,147.96	19,821.96	73.43		19,895.39
15-Jan-33	0.00	929.01	929.01	59.42		988.43
15-Jul-33	19,117.00	929.01	20,046.01	59.42		20,105.43
15-Jan-34	0.00	704.86	704.86	45.09		749.95
15-Jul-34	19,571.00	704.86	20,275.86	45.09		20,320.95
15-Jan-35	0.00	475.39	475.39	30.41		505.80
15-Jul-35	20,035.00	475.39	20,510.39	30.41		20,540.80
15-Jan-36	0.00	240.48	240.48	15.38		255.86
15-Jul-36	20,510.00	240.48	20,750.48	15.38		20,765.86
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
	$446,133.00	$176,397.37	$622,530.37	$11,225.78	$2,501.64	$636,257.79

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 12

SCHEDULE C

RA
-06-09

Final Structuring Analysis

Interest Rate	2.345%

Schedule of Payments

Initial Principal Amount:	$1,390,000.00

Date	Schedule of Payments Principal	Interest	Total	Admin. Fee 0.0750%	Origination Fee	Total Due
14-Dec-06						
15-Jul-07	$29,598.00	$19,104.58	$48,702.58	$1,042.50	7,794.27	$57,539.35
15-Jan-08	0.00	15,950.72	15,950.72	1,020.30		16,971.02
15-Jul-08	33,140.00	15,950.72	49,090.72	1,020.30		50,111.02
15-Jan-09	0.00	15,562.15	15,562.15	995.45		16,557.60
15-Jul-09	33,927.00	15,562.15	49,489.15	995.45		50,484.60
15-Jan-10	0.00	15,164.36	15,164.36	970.00		16,134.36
15-Jul-10	34,732.00	15,164.36	49,896.36	970.00		50,866.36
15-Jan-11	0.00	14,757.12	14,757.12	943.95		15,701.07
15-Jul-11	35,556.00	14,757.12	50,313.12	943.95		51,257.07
15-Jan-12	0.00	14,340.23	14,340.23	917.29		15,257.52
15-Jul-12	36,399.00	14,340.23	50,739.23	917.29		51,656.52
15-Jan-13	0.00	13,913.45	13,913.45	889.99		14,803.44
15-Jul-13	37,263.00	13,913.45	51,176.45	889.99		52,066.44
15-Jan-14	0.00	13,476.54	13,476.54	862.04		14,338.58
15-Jul-14	38,147.00	13,476.54	51,623.54	862.04		52,485.58
15-Jan-15	0.00	13,029.26	13,029.26	833.43		13,862.69
15-Jul-15	39,053.00	13,029.26	52,082.26	833.43		52,915.69
15-Jan-16	0.00	12,571.37	12,571.37	804.14		13,375.51
15-Jul-16	39,979.00	12,571.37	52,550.37	804.14		53,354.51
15-Jan-17	0.00	12,102.61	12,102.61	774.15		12,876.76
15-Jul-17	40,928.00	12,102.61	53,030.61	774.15		53,804.76
15-Jan-18	0.00	11,622.73	11,622.73	743.46		12,366.19
15-Jul-18	41,899.00	11,622.73	53,521.73	743.46		54,265.19
15-Jan-19	0.00	11,131.47	11,131.47	712.03		11,843.50
15-Jul-19	42,893.00	11,131.47	54,024.47	712.03		54,736.50
15-Jan-20	0.00	10,628.55	10,628.55	679.86		11,308.41
15-Jul-20	43,911.00	10,628.55	54,539.55	679.86		55,219.41
15-Jan-21	0.00	10,113.69	10,113.69	646.93		10,760.62
15-Jul-21	44,953.00	10,113.69	55,066.69	646.93		55,713.62
15-Jan-22	0.00	9,586.62	9,586.62	613.22		10,199.84
15-Jul-22	46,020.00	9,586.62	55,606.62	613.22		56,219.84
15-Jan-23	0.00	9,047.03	9,047.03	578.70		9,625.73
15-Jul-23	47,111.00	9,047.03	56,158.03	578.70		56,736.73
15-Jan-24	0.00	8,494.66	8,494.66	543.37		9,038.03
15-Jul-24	48,229.00	8,494.66	56,723.66	543.37		57,267.03
15-Jan-25	0.00	7,929.17	7,929.17	507.20		8,436.37
15-Jul-25	49,374.00	7,929.17	57,303.17	507.20		57,810.37
15-Jan-26	0.00	7,350.26	7,350.26	470.17		7,820.43
15-Jul-26	50,545.00	7,350.26	57,895.26	470.17		58,365.43
15-Jan-27	0.00	6,757.62	6,757.62	432.26		7,189.88
15-Jul-27	51,745.00	6,757.62	58,502.62	432.26		58,934.88
15-Jan-28	0.00	6,150.91	6,150.91	393.45		6,544.36
15-Jul-28	52,972.00	6,150.91	59,122.91	393.45		59,516.36
15-Jan-29	0.00	5,529.82	5,529.82	353.72		5,883.54
15-Jul-29	54,229.00	5,529.82	59,758.82	353.72		60,112.54
15-Jan-30	0.00	4,893.98	4,893.98	313.05		5,207.03
15-Jul-30	55,516.00	4,893.98	60,409.98	313.05		60,723.03
15-Jan-31	0.00	4,243.06	4,243.06	271.41		4,514.47
15-Jul-31	56,833.00	4,243.06	61,076.06	271.41		61,347.47
15-Jan-32	0.00	3,576.69	3,576.69	228.79		3,805.48
15-Jul-32	58,182.00	3,576.69	61,758.69	228.79		61,987.48
15-Jan-33	0.00	2,894.51	2,894.51	185.15		3,079.66
15-Jul-33	59,563.00	2,894.51	62,457.51	185.15		62,642.66
15-Jan-34	0.00	2,196.13	2,196.13	140.48		2,336.61
15-Jul-34	60,976.00	2,196.13	63,172.13	140.48		63,312.61
15-Jan-35	0.00	1,481.19	1,481.19	94.75		1,575.94
15-Jul-35	62,423.00	1,481.19	63,904.19	94.75		63,998.94
15-Jan-36	0.00	749.28	749.28	47.93		797.21
15-Jul-36	63,904.00	749.28	64,653.28	47.93		64,701.21
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
	$1,390,000.00	$549,594.94	$1,939,594.94	$34,975.84	$7,794.27	$1,982,365.05

Massachusetts Water Pollution Abatement Trust

SCHEDULE C

Water Pollution Abatement and Drinking Water Revenue Bonds

(Pool Program Bonds)

Pool Program Bonds, Pool 12

RA

V-06-12

Interest Rate 2.345%

Final Structuring Analysis

Schedule of Payments

Initial Principal Amount: $4,400,000.00

	Schedule of Payments			Admin. Fee		Total
Date	Principal	Interest	Total	0.0750%	Origination Fee	Due
14-Dec-06						
15-Jul-07	$93,691.00	$60,474.94	$154,165.94	$3,300.00	24,672.49	$182,138.43
15-Jan-08	0.00	50,491.47	50,491.47	3,229.73		53,721.20
15-Jul-08	104,905.00	50,491.47	155,396.47	3,229.73		158,626.20
15-Jan-09	0.00	49,261.46	49,261.46	3,151.05		52,412.51
15-Jul-09	107,394.00	49,261.46	156,655.46	3,151.05		159,806.51
15-Jan-10	0.00	48,002.27	48,002.27	3,070.51		51,072.78
15-Jul-10	109,942.00	48,002.27	157,944.27	3,070.51		161,014.78
15-Jan-11	0.00	46,713.20	46,713.20	2,988.05		49,701.25
15-Jul-11	112,551.00	46,713.20	159,264.20	2,988.05		162,252.25
15-Jan-12	0.00	45,393.54	45,393.54	2,903.64		48,297.18
15-Jul-12	115,221.00	45,393.54	160,614.54	2,903.64		163,518.18
15-Jan-13	0.00	44,042.57	44,042.57	2,817.22		46,859.79
15-Jul-13	117,955.00	44,042.57	161,997.57	2,817.22		164,814.79
15-Jan-14	0.00	42,659.55	42,659.55	2,728.76		45,388.31
15-Jul-14	120,754.00	42,659.55	163,413.55	2,728.76		166,142.31
15-Jan-15	0.00	41,243.71	41,243.71	2,638.19		43,881.90
15-Jul-15	123,620.00	41,243.71	164,863.71	2,638.19		167,501.90
15-Jan-16	0.00	39,794.27	39,794.27	2,545.48		42,339.75
15-Jul-16	126,553.00	39,794.27	166,347.27	2,545.48		168,892.75
15-Jan-17	0.00	38,310.43	38,310.43	2,450.56		40,760.99
15-Jul-17	129,556.00	38,310.43	167,866.43	2,450.56		170,316.99
15-Jan-18	0.00	36,791.39	36,791.39	2,353.39		39,144.78
15-Jul-18	132,630.00	36,791.39	169,421.39	2,353.39		171,774.78
15-Jan-19	0.00	35,236.30	35,236.30	2,253.92		37,490.22
15-Jul-19	135,777.00	35,236.30	171,013.30	2,253.92		173,267.22
15-Jan-20	0.00	33,644.32	33,644.32	2,152.09		35,796.41
15-Jul-20	138,999.00	33,644.32	172,643.32	2,152.09		174,795.41
15-Jan-21	0.00	32,014.55	32,014.55	2,047.84		34,062.39
15-Jul-21	142,297.00	32,014.55	174,311.55	2,047.84		176,359.39
15-Jan-22	0.00	30,346.12	30,346.12	1,941.12		32,287.24
15-Jul-22	145,673.00	30,346.12	176,019.12	1,941.12		177,960.24
15-Jan-23	0.00	28,638.11	28,638.11	1,831.86		30,469.97
15-Jul-23	149,130.00	28,638.11	177,768.11	1,831.86		179,599.97
15-Jan-24	0.00	26,889.56	26,889.56	1,720.01		28,609.57
15-Jul-24	152,668.00	26,889.56	179,557.56	1,720.01		181,277.57
15-Jan-25	0.00	25,099.53	25,099.53	1,605.51		26,705.04
15-Jul-25	156,291.00	25,099.53	181,390.53	1,605.51		182,996.04
15-Jan-26	0.00	23,267.02	23,267.02	1,488.29		24,755.31
15-Jul-26	159,999.00	23,267.02	183,266.02	1,488.29		184,754.31
15-Jan-27	0.00	21,391.03	21,391.03	1,368.30		22,759.33
15-Jul-27	163,796.00	21,391.03	185,187.03	1,368.30		186,555.33
15-Jan-28	0.00	19,470.52	19,470.52	1,245.45		20,715.97
15-Jul-28	167,682.00	19,470.52	187,152.52	1,245.45		188,397.97
15-Jan-29	0.00	17,504.45	17,504.45	1,119.69		18,624.14
15-Jul-29	171,661.00	17,504.45	189,165.45	1,119.69		190,285.14
15-Jan-30	0.00	15,491.72	15,491.72	990.94		16,482.66
15-Jul-30	175,735.00	15,491.72	191,226.72	990.94		192,217.66
15-Jan-31	0.00	13,431.23	13,431.23	859.14		14,290.37
15-Jul-31	179,904.00	13,431.23	193,335.23	859.14		194,194.37
15-Jan-32	0.00	11,321.85	11,321.85	724.21		12,046.06
15-Jul-32	184,173.00	11,321.85	195,494.85	724.21		196,219.06
15-Jan-33	0.00	9,162.42	9,162.42	586.08		9,748.50
15-Jul-33	188,543.00	9,162.42	197,705.42	586.08		198,291.50
15-Jan-34	0.00	6,951.76	6,951.76	444.68		7,396.44
15-Jul-34	193,017.00	6,951.76	199,968.76	444.68		200,413.44
15-Jan-35	0.00	4,688.63	4,688.63	299.91		4,988.54
15-Jul-35	197,597.00	4,688.63	202,285.63	299.91		202,585.54
15-Jan-36	0.00	2,371.81	2,371.81	151.71		2,523.52
15-Jul-36	202,286.00	2,371.81	204,657.81	151.71		204,809.52
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
	$4,400,000.00	$1,739,724.52	$6,139,724.52	$110,714.66	$24,672.49	$6,275,111.67

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 12

SCHEDULE C

RA
V-06-13

Final Structuring Analysis

Interest Rate	2.345%

Schedule of Payments

Initial Principal Amount:	$4,300,000.00

	Schedule of Payments			Admin. Fee		Total
Date	Principal	Interest	Total	0.0750%	Origination Fee	Due
14-Dec-06						
15-Jul-07	$91,562.00	$59,100.52	$150,662.52	$3,225.00	24,111.76	$177,999.28
15-Jan-08	0.00	49,343.94	49,343.94	3,156.33		52,500.27
15-Jul-08	102,520.00	49,343.94	151,863.94	3,156.33		155,020.27
15-Jan-09	0.00	48,141.90	48,141.90	3,079.44		51,221.34
15-Jul-09	104,953.00	48,141.90	153,094.90	3,079.44		156,174.34
15-Jan-10	0.00	46,911.32	46,911.32	3,000.72		49,912.04
15-Jul-10	107,443.00	46,911.32	154,354.32	3,000.72		157,355.04
15-Jan-11	0.00	45,651.55	45,651.55	2,920.14		48,571.69
15-Jul-11	109,993.00	45,651.55	155,644.55	2,920.14		158,564.69
15-Jan-12	0.00	44,361.88	44,361.88	2,837.65		47,199.53
15-Jul-12	112,603.00	44,361.88	156,964.88	2,837.65		159,802.53
15-Jan-13	0.00	43,041.61	43,041.61	2,753.19		45,794.80
15-Jul-13	115,275.00	43,041.61	158,316.61	2,753.19		161,069.80
15-Jan-14	0.00	41,690.01	41,690.01	2,666.74		44,356.75
15-Jul-14	118,010.00	41,690.01	159,700.01	2,666.74		162,366.75
15-Jan-15	0.00	40,306.35	40,306.35	2,578.23		42,884.58
15-Jul-15	120,810.00	40,306.35	161,116.35	2,578.23		163,694.58
15-Jan-16	0.00	38,889.85	38,889.85	2,487.62		41,377.47
15-Jul-16	123,677.00	38,889.85	162,566.85	2,487.62		165,054.47
15-Jan-17	0.00	37,439.74	37,439.74	2,394.87		39,834.61
15-Jul-17	126,611.00	37,439.74	164,050.74	2,394.87		166,445.61
15-Jan-18	0.00	35,955.22	35,955.22	2,299.91		38,255.13
15-Jul-18	129,615.00	35,955.22	165,570.22	2,299.91		167,870.13
15-Jan-19	0.00	34,435.49	34,435.49	2,202.70		36,638.19
15-Jul-19	132,691.00	34,435.49	167,126.49	2,202.70		169,329.19
15-Jan-20	0.00	32,879.69	32,879.69	2,103.18		34,982.87
15-Jul-20	135,840.00	32,879.69	168,719.69	2,103.18		170,822.87
15-Jan-21	0.00	31,286.96	31,286.96	2,001.30		33,288.26
15-Jul-21	139,063.00	31,286.96	170,349.96	2,001.30		172,351.26
15-Jan-22	0.00	29,656.45	29,656.45	1,897.00		31,553.45
15-Jul-22	142,362.00	29,656.45	172,018.45	1,897.00		173,915.45
15-Jan-23	0.00	27,987.25	27,987.25	1,790.23		29,777.48
15-Jul-23	145,740.00	27,987.25	173,727.25	1,790.23		175,517.48
15-Jan-24	0.00	26,278.45	26,278.45	1,680.92		27,959.37
15-Jul-24	149,199.00	26,278.45	175,477.45	1,680.92		177,158.37
15-Jan-25	0.00	24,529.09	24,529.09	1,569.02		26,098.11
15-Jul-25	152,739.00	24,529.09	177,268.09	1,569.02		178,837.11
15-Jan-26	0.00	22,738.23	22,738.23	1,454.47		24,192.70
15-Jul-26	156,363.00	22,738.23	179,101.23	1,454.47		180,555.70
15-Jan-27	0.00	20,904.87	20,904.87	1,337.20		22,242.07
15-Jul-27	160,073.00	20,904.87	180,977.87	1,337.20		182,315.07
15-Jan-28	0.00	19,028.02	19,028.02	1,217.14		20,245.16
15-Jul-28	163,872.00	19,028.02	182,900.02	1,217.14		184,117.16
15-Jan-29	0.00	17,106.62	17,106.62	1,094.24		18,200.86
15-Jul-29	167,760.00	17,106.62	184,866.62	1,094.24		185,960.86
15-Jan-30	0.00	15,139.63	15,139.63	968.42		16,108.05
15-Jul-30	171,741.00	15,139.63	186,880.63	968.42		187,849.05
15-Jan-31	0.00	13,125.97	13,125.97	839.61		13,965.58
15-Jul-31	175,816.00	13,125.97	188,941.97	839.61		189,781.58
15-Jan-32	0.00	11,064.52	11,064.52	707.75		11,772.27
15-Jul-32	179,987.00	11,064.52	191,051.52	707.75		191,759.27
15-Jan-33	0.00	8,954.17	8,954.17	572.76		9,526.93
15-Jul-33	184,258.00	8,954.17	193,212.17	572.76		193,784.93
15-Jan-34	0.00	6,793.75	6,793.75	434.57		7,228.32
15-Jul-34	188,630.00	6,793.75	195,423.75	434.57		195,858.32
15-Jan-35	0.00	4,582.06	4,582.06	293.10		4,875.16
15-Jul-35	193,106.00	4,582.06	197,688.06	293.10		197,981.16
15-Jan-36	0.00	2,317.89	2,317.89	148.27		2,466.16
15-Jul-36	197,688.00	2,317.89	200,005.89	148.27		200,154.16
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
	$4,300,000.00	$1,700,185.48	$6,000,185.48	$108,198.44	$24,111.76	$6,132,495.68

Massachusetts Water Pollution Abatement Trust

SCHEDULE C

Water Pollution Abatement and Drinking Water Revenue Bonds

(Pool Program Bonds)

Pool Program Bonds, Pool 12

VRA

W-06-14

Final Structuring Analysis

Interest Rate	2.345%

Schedule of Payments

Initial Principal Amount:	$37,000,000.00

	Schedule of Payments			Admin. Fee		Total
Date	Principal	Interest	Total	0.0750%	Origination Fee	Due
14-Dec-06						
15-Jul-07	$787,857.00	$508,539.31	$1,296,396.31	$27,750.00	207,473.25	$1,531,619.56
15-Jan-08	0.00	424,587.38	424,587.38	27,159.11		451,746.49
15-Jul-08	882,152.00	424,587.38	1,306,739.38	27,159.11		1,333,898.49
15-Jan-09	0.00	414,244.15	414,244.15	26,497.49		440,741.64
15-Jul-09	903,084.00	414,244.15	1,317,328.15	26,497.49		1,343,825.64
15-Jan-10	0.00	403,655.49	403,655.49	25,820.18		429,475.67
15-Jul-10	924,512.00	403,655.49	1,328,167.49	25,820.18		1,353,987.67
15-Jan-11	0.00	392,815.58	392,815.58	25,126.80		417,942.38
15-Jul-11	946,449.00	392,815.58	1,339,264.58	25,126.80		1,364,391.38
15-Jan-12	0.00	381,718.47	381,718.47	24,416.96		406,135.43
15-Jul-12	968,907.00	381,718.47	1,350,625.47	24,416.96		1,375,042.43
15-Jan-13	0.00	370,358.03	370,358.03	23,690.28		394,048.31
15-Jul-13	991,897.00	370,358.03	1,362,255.03	23,690.28		1,385,945.31
15-Jan-14	0.00	358,728.04	358,728.04	22,946.36		381,674.40
15-Jul-14	1,015,433.00	358,728.04	1,374,161.04	22,946.36		1,397,107.40
15-Jan-15	0.00	346,822.09	346,822.09	22,184.78		369,006.87
15-Jul-15	1,039,528.00	346,822.09	1,386,350.09	22,184.78		1,408,534.87
15-Jan-16	0.00	334,633.63	334,633.63	21,405.14		356,038.77
15-Jul-16	1,064,194.00	334,633.63	1,398,827.63	21,405.14		1,420,232.77
15-Jan-17	0.00	322,155.95	322,155.95	20,606.99		342,762.94
15-Jul-17	1,089,445.00	322,155.95	1,411,600.95	20,606.99		1,432,207.94
15-Jan-18	0.00	309,382.21	309,382.21	19,789.91		329,172.12
15-Jul-18	1,115,296.00	309,382.21	1,424,678.21	19,789.91		1,444,468.12
15-Jan-19	0.00	296,305.36	296,305.36	18,953.43		315,258.79
15-Jul-19	1,141,760.00	296,305.36	1,438,065.36	18,953.43		1,457,018.79
15-Jan-20	0.00	282,918.23	282,918.23	18,097.11		301,015.34
15-Jul-20	1,168,852.00	282,918.23	1,451,770.23	18,097.11		1,469,867.34
15-Jan-21	0.00	269,213.44	269,213.44	17,220.48		286,433.92
15-Jul-21	1,196,587.00	269,213.44	1,465,800.44	17,220.48		1,483,020.92
15-Jan-22	0.00	255,183.45	255,183.45	16,323.04		271,506.49
15-Jul-22	1,224,979.00	255,183.45	1,480,162.45	16,323.04		1,496,485.49
15-Jan-23	0.00	240,820.57	240,820.57	15,404.30		256,224.87
15-Jul-23	1,254,046.00	240,820.57	1,494,866.57	15,404.30		1,510,270.87
15-Jan-24	0.00	226,116.88	226,116.88	14,463.77		240,580.65
15-Jul-24	1,283,802.00	226,116.88	1,509,918.88	14,463.77		1,524,382.65
15-Jan-25	0.00	211,064.30	211,064.30	13,500.92		224,565.22
15-Jul-25	1,314,265.00	211,064.30	1,525,329.30	13,500.92		1,538,830.22
15-Jan-26	0.00	195,654.55	195,654.55	12,515.22		208,169.77
15-Jul-26	1,345,450.00	195,654.55	1,541,104.55	12,515.22		1,553,619.77
15-Jan-27	0.00	179,879.15	179,879.15	11,506.13		191,385.28
15-Jul-27	1,377,375.00	179,879.15	1,557,254.15	11,506.13		1,568,760.28
15-Jan-28	0.00	163,729.43	163,729.43	10,473.10		174,202.53
15-Jul-28	1,410,058.00	163,729.43	1,573,787.43	10,473.10		1,584,260.53
15-Jan-29	0.00	147,196.50	147,196.50	9,415.55		156,612.05
15-Jul-29	1,443,516.00	147,196.50	1,590,712.50	9,415.55		1,600,128.05
15-Jan-30	0.00	130,271.27	130,271.27	8,332.92		138,604.19
15-Jul-30	1,477,768.00	130,271.27	1,608,039.27	8,332.92		1,616,372.19
15-Jan-31	0.00	112,944.44	112,944.44	7,224.59		120,169.03
15-Jul-31	1,512,832.00	112,944.44	1,625,776.44	7,224.59		1,633,001.03
15-Jan-32	0.00	95,206.49	95,206.49	6,089.97		101,296.46
15-Jul-32	1,548,729.00	95,206.49	1,643,935.49	6,089.97		1,650,025.46
15-Jan-33	0.00	77,047.64	77,047.64	4,928.42		81,976.06
15-Jul-33	1,585,478.00	77,047.64	1,662,525.64	4,928.42		1,667,454.06
15-Jan-34	0.00	58,457.91	58,457.91	3,739.31		62,197.22
15-Jul-34	1,623,098.00	58,457.91	1,681,555.91	3,739.31		1,685,295.22
15-Jan-35	0.00	39,427.08	39,427.08	2,521.99		41,949.07
15-Jul-35	1,661,612.00	39,427.08	1,701,039.08	2,521.99		1,703,561.07
15-Jan-36	0.00	19,944.68	19,944.68	1,275.78		21,220.46
15-Jul-36	1,701,039.00	19,944.68	1,720,983.68	1,275.78		1,722,259.46
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
	$37,000,000.00	$14,629,504.09	$51,629,504.09	$931,010.06	$207,473.25	$52,767,987.40

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 12
RA
-06-02
Final Structuring Analysis

SCHEDULE C

Loan Interest Rate 0.00%

Schedule of Loan Repayments

Initial Loan Obligation: $22,070,746.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.0750%	Origination Fee	Due
14-Dec-06						
15-Jul-07	$1,103,537.00	$0.00	$1,103,537.00	$16,553.06	123,759.17	$1,243,849.23
15-Jan-08	0.00	0.00	0.00	15,725.41		15,725.41
15-Jul-08	1,103,537.00	0.00	1,103,537.00	15,725.41		1,119,262.41
15-Jan-09	0.00	0.00	0.00	14,897.75		14,897.75
15-Jul-09	1,103,537.00	0.00	1,103,537.00	14,897.75		1,118,434.75
15-Jan-10	0.00	0.00	0.00	14,070.10		14,070.10
15-Jul-10	1,103,537.00	0.00	1,103,537.00	14,070.10		1,117,607.10
15-Jan-11	0.00	0.00	0.00	13,242.45		13,242.45
15-Jul-11	1,103,537.00	0.00	1,103,537.00	13,242.45		1,116,779.45
15-Jan-12	0.00	0.00	0.00	12,414.80		12,414.80
15-Jul-12	1,103,537.00	0.00	1,103,537.00	12,414.80		1,115,951.80
15-Jan-13	0.00	0.00	0.00	11,587.14		11,587.14
15-Jul-13	1,103,537.00	0.00	1,103,537.00	11,587.14		1,115,124.14
15-Jan-14	0.00	0.00	0.00	10,759.49		10,759.49
15-Jul-14	1,103,537.00	0.00	1,103,537.00	10,759.49		1,114,296.49
15-Jan-15	0.00	0.00	0.00	9,931.84		9,931.84
15-Jul-15	1,103,537.00	0.00	1,103,537.00	9,931.84		1,113,468.84
15-Jan-16	0.00	0.00	0.00	9,104.18		9,104.18
15-Jul-16	1,103,537.00	0.00	1,103,537.00	9,104.18		1,112,641.18
15-Jan-17	0.00	0.00	0.00	8,276.53		8,276.53
15-Jul-17	1,103,537.00	0.00	1,103,537.00	8,276.53		1,111,813.53
15-Jan-18	0.00	0.00	0.00	7,448.88		7,448.88
15-Jul-18	1,103,537.00	0.00	1,103,537.00	7,448.88		1,110,985.88
15-Jan-19	0.00	0.00	0.00	6,621.23		6,621.23
15-Jul-19	1,103,537.00	0.00	1,103,537.00	6,621.23		1,110,158.23
15-Jan-20	0.00	0.00	0.00	5,793.57		5,793.57
15-Jul-20	1,103,537.00	0.00	1,103,537.00	5,793.57		1,109,330.57
15-Jan-21	0.00	0.00	0.00	4,965.92		4,965.92
15-Jul-21	1,103,538.00	0.00	1,103,538.00	4,965.92		1,108,503.92
15-Jan-22	0.00	0.00	0.00	4,138.27		4,138.27
15-Jul-22	1,103,538.00	0.00	1,103,538.00	4,138.27		1,107,676.27
15-Jan-23	0.00	0.00	0.00	3,310.61		3,310.61
15-Jul-23	1,103,538.00	0.00	1,103,538.00	3,310.61		1,106,848.61
15-Jan-24	0.00	0.00	0.00	2,482.96		2,482.96
15-Jul-24	1,103,538.00	0.00	1,103,538.00	2,482.96		1,106,020.96
15-Jan-25	0.00	0.00	0.00	1,655.31		1,655.31
15-Jul-25	1,103,538.00	0.00	1,103,538.00	1,655.31		1,105,193.31
15-Jan-26	0.00	0.00	0.00	827.65		827.65
15-Jul-26	1,103,538.00	0.00	1,103,538.00	827.65		1,104,365.65
15-Jan-27	0.00	0.00	0.00	0.00		0.00
15-Jul-27	0.00	0.00	0.00	0.00		0.00
15-Jan-28	0.00	0.00	0.00	0.00		0.00
15-Jul-28	0.00	0.00	0.00	0.00		0.00
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
	$22,070,746.00	$0.00	$22,070,746.00	$331,061.24	$123,759.17	$22,525,566.41

Massachusetts Water Pollution Abatement Trust

Water Pollution Abatement and Drinking Water Revenue Bonds

(Pool Program Bonds)

Pool Program Bonds, Pool 12

SRF

W-06-03

Final Structuring Analysis

SCHEDULE C

Loan Interest Rate 2.00%

Schedule of Loan Repayments

Initial Loan Obligation: $1,851,734.00

Date	Schedule of Loan Repayments Principal	Interest	Total	Admin. Fee 0.0750%	Loan Origination Fee	Total Due
14-Dec-06						
15-Jul-07	$73,030.00	$21,706.44	$94,736.44	$1,388.80	10,383.39	$106,508.63
15-Jan-08	0.00	17,787.04	17,787.04	1,334.03		19,121.07
15-Jul-08	77,727.00	17,787.04	95,514.04	1,334.03		96,848.07
15-Jan-09	0.00	17,009.77	17,009.77	1,275.73		18,285.50
15-Jul-09	79,297.00	17,009.77	96,306.77	1,275.73		97,582.50
15-Jan-10	0.00	16,216.80	16,216.80	1,216.26		17,433.06
15-Jul-10	80,899.00	16,216.80	97,115.80	1,216.26		98,332.06
15-Jan-11	0.00	15,407.81	15,407.81	1,155.59		16,563.40
15-Jul-11	82,533.00	15,407.81	97,940.81	1,155.59		99,096.40
15-Jan-12	0.00	14,582.48	14,582.48	1,093.69		15,676.17
15-Jul-12	84,201.00	14,582.48	98,783.48	1,093.69		99,877.17
15-Jan-13	0.00	13,740.47	13,740.47	1,030.54		14,771.01
15-Jul-13	85,902.00	13,740.47	99,642.47	1,030.54		100,673.01
15-Jan-14	0.00	12,881.45	12,881.45	966.11		13,847.56
15-Jul-14	87,637.00	12,881.45	100,518.45	966.11		101,484.56
15-Jan-15	0.00	12,005.08	12,005.08	900.38		12,905.46
15-Jul-15	89,408.00	12,005.08	101,413.08	900.38		102,313.46
15-Jan-16	0.00	11,111.00	11,111.00	833.33		11,944.33
15-Jul-16	91,214.00	11,111.00	102,325.00	833.33		103,158.33
15-Jan-17	0.00	10,198.86	10,198.86	764.91		10,963.77
15-Jul-17	93,057.00	10,198.86	103,255.86	764.91		104,020.77
15-Jan-18	0.00	9,268.29	9,268.29	695.12		9,963.41
15-Jul-18	94,937.00	9,268.29	104,205.29	695.12		104,900.41
15-Jan-19	0.00	8,318.92	8,318.92	623.92		8,942.84
15-Jul-19	96,854.00	8,318.92	105,172.92	623.92		105,796.84
15-Jan-20	0.00	7,350.38	7,350.38	551.28		7,901.66
15-Jul-20	98,811.00	7,350.38	106,161.38	551.28		106,712.66
15-Jan-21	0.00	6,362.27	6,362.27	477.17		6,839.44
15-Jul-21	100,807.00	6,362.27	107,169.27	477.17		107,646.44
15-Jan-22	0.00	5,354.20	5,354.20	401.57		5,755.77
15-Jul-22	102,844.00	5,354.20	108,198.20	401.57		108,599.77
15-Jan-23	0.00	4,325.76	4,325.76	324.43		4,650.19
15-Jul-23	104,921.00	4,325.76	109,246.76	324.43		109,571.19
15-Jan-24	0.00	3,276.55	3,276.55	245.74		3,522.29
15-Jul-24	107,041.00	3,276.55	110,317.55	245.74		110,563.29
15-Jan-25	0.00	2,206.14	2,206.14	165.46		2,371.60
15-Jul-25	109,204.00	2,206.14	111,410.14	165.46		111,575.60
15-Jan-26	0.00	1,114.10	1,114.10	83.56		1,197.66
15-Jul-26	111,410.00	1,114.10	112,524.10	83.56		112,607.66
15-Jan-27	0.00	0.00	0.00	0.00		0.00
15-Jul-27	0.00	0.00	0.00	0.00		0.00
15-Jan-28	0.00	0.00	0.00	0.00		0.00
15-Jul-28	0.00	0.00	0.00	0.00		0.00
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
	$1,851,734.00	$398,741.18	$2,250,475.18	$29,666.44	$10,383.39	$2,290,525.01

Massachusetts Water Pollution Abatement Trust

SCHEDULE C

Water Pollution Abatement and Drinking Water Revenue Bonds

(Pool Program Bonds)

Pool Program Bonds, Pool 12

'RA

/-06-04

Loan Interest Rate 2.00%

Final Structuring Analysis

Schedule of Loan Repayments

Initial Loan Obligation: $3,000,000.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.0750%	Origination Fee	Due
14-Dec-06						
15-Jul-07	$118,317.00	$35,166.67	$153,483.67	$2,250.00	16,822.16	$172,555.83
15-Jan-08	0.00	28,816.83	28,816.83	2,161.26		30,978.09
15-Jul-08	125,926.00	28,816.83	154,742.83	2,161.26		156,904.09
15-Jan-09	0.00	27,557.57	27,557.57	2,066.82		29,624.39
15-Jul-09	128,470.00	27,557.57	156,027.57	2,066.82		158,094.39
15-Jan-10	0.00	26,272.87	26,272.87	1,970.47		28,243.34
15-Jul-10	131,065.00	26,272.87	157,337.87	1,970.47		159,308.34
15-Jan-11	0.00	24,962.22	24,962.22	1,872.17		26,834.39
15-Jul-11	133,713.00	24,962.22	158,675.22	1,872.17		160,547.39
15-Jan-12	0.00	23,625.09	23,625.09	1,771.88		25,396.97
15-Jul-12	136,414.00	23,625.09	160,039.09	1,771.88		161,810.97
15-Jan-13	0.00	22,260.95	22,260.95	1,669.57		23,930.52
15-Jul-13	139,170.00	22,260.95	161,430.95	1,669.57		163,100.52
15-Jan-14	0.00	20,869.25	20,869.25	1,565.19		22,434.44
15-Jul-14	141,981.00	20,869.25	162,850.25	1,565.19		164,415.44
15-Jan-15	0.00	19,449.44	19,449.44	1,458.71		20,908.15
15-Jul-15	144,850.00	19,449.44	164,299.44	1,458.71		165,758.15
15-Jan-16	0.00	18,000.94	18,000.94	1,350.07		19,351.01
15-Jul-16	147,776.00	18,000.94	165,776.94	1,350.07		167,127.01
15-Jan-17	0.00	16,523.18	16,523.18	1,239.24		17,762.42
15-Jul-17	150,761.00	16,523.18	167,284.18	1,239.24		168,523.42
15-Jan-18	0.00	15,015.57	15,015.57	1,126.17		16,141.74
15-Jul-18	153,807.00	15,015.57	168,822.57	1,126.17		169,948.74
15-Jan-19	0.00	13,477.50	13,477.50	1,010.81		14,488.31
15-Jul-19	156,914.00	13,477.50	170,391.50	1,010.81		171,402.31
15-Jan-20	0.00	11,908.36	11,908.36	893.13		12,801.49
15-Jul-20	160,084.00	11,908.36	171,992.36	893.13		172,885.49
15-Jan-21	0.00	10,307.52	10,307.52	773.06		11,080.58
15-Jul-21	163,318.00	10,307.52	173,625.52	773.06		174,398.58
15-Jan-22	0.00	8,674.34	8,674.34	650.58		9,324.92
15-Jul-22	166,617.00	8,674.34	175,291.34	650.58		175,941.92
15-Jan-23	0.00	7,008.17	7,008.17	525.61		7,533.78
15-Jul-23	169,983.00	7,008.17	176,991.17	525.61		177,516.78
15-Jan-24	0.00	5,308.34	5,308.34	398.13		5,706.47
15-Jul-24	173,418.00	5,308.34	178,726.34	398.13		179,124.47
15-Jan-25	0.00	3,574.16	3,574.16	268.06		3,842.22
15-Jul-25	176,921.00	3,574.16	180,495.16	268.06		180,763.22
15-Jan-26	0.00	1,804.95	1,804.95	135.37		1,940.32
15-Jul-26	180,495.00	1,804.95	182,299.95	135.37		182,435.32
15-Jan-27	0.00	0.00	0.00	0.00		0.00
15-Jul-27	0.00	0.00	0.00	0.00		0.00
15-Jan-28	0.00	0.00	0.00	0.00		0.00
15-Jul-28	0.00	0.00	0.00	0.00		0.00
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
	$3,000,000.00	$646,001.17	$3,646,001.17	$48,062.60	$16,822.16	$3,710,885.93

Massachusetts Water Pollution Abatement Trust

SCHEDULE C

Water Pollution Abatement and Drinking Water Revenue Bonds

(Pool Program Bonds)

Pool Program Bonds, Pool 12

NRA

W-06-05

Final Structuring Analysis

Loan Interest Rate	2.00%

Schedule of Loan Repayments

Initial Loan Obligation:	$3,000,000.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.0750%	Origination Fee	Due
14-Dec-06						
15-Jul-07	$118,317.00	$35,166.67	$153,483.67	$2,250.00	16,822.16	$172,555.83
15-Jan-08	0.00	28,816.83	28,816.83	2,161.26		30,978.09
15-Jul-08	125,926.00	28,816.83	154,742.83	2,161.26		156,904.09
15-Jan-09	0.00	27,557.57	27,557.57	2,066.82		29,624.39
15-Jul-09	128,470.00	27,557.57	156,027.57	2,066.82		158,094.39
15-Jan-10	0.00	26,272.87	26,272.87	1,970.47		28,243.34
15-Jul-10	131,065.00	26,272.87	157,337.87	1,970.47		159,308.34
15-Jan-11	0.00	24,962.22	24,962.22	1,872.17		26,834.39
15-Jul-11	133,713.00	24,962.22	158,675.22	1,872.17		160,547.39
15-Jan-12	0.00	23,625.09	23,625.09	1,771.88		25,396.97
15-Jul-12	136,414.00	23,625.09	160,039.09	1,771.88		161,810.97
15-Jan-13	0.00	22,260.95	22,260.95	1,669.57		23,930.52
15-Jul-13	139,170.00	22,260.95	161,430.95	1,669.57		163,100.52
15-Jan-14	0.00	20,869.25	20,869.25	1,565.19		22,434.44
15-Jul-14	141,981.00	20,869.25	162,850.25	1,565.19		164,415.44
15-Jan-15	0.00	19,449.44	19,449.44	1,458.71		20,908.15
15-Jul-15	144,850.00	19,449.44	164,299.44	1,458.71		165,758.15
15-Jan-16	0.00	18,000.94	18,000.94	1,350.07		19,351.01
15-Jul-16	147,776.00	18,000.94	165,776.94	1,350.07		167,127.01
15-Jan-17	0.00	16,523.18	16,523.18	1,239.24		17,762.42
15-Jul-17	150,761.00	16,523.18	167,284.18	1,239.24		168,523.42
15-Jan-18	0.00	15,015.57	15,015.57	1,126.17		16,141.74
15-Jul-18	153,807.00	15,015.57	168,822.57	1,126.17		169,948.74
15-Jan-19	0.00	13,477.50	13,477.50	1,010.81		14,488.31
15-Jul-19	156,914.00	13,477.50	170,391.50	1,010.81		171,402.31
15-Jan-20	0.00	11,908.36	11,908.36	893.13		12,801.49
15-Jul-20	160,084.00	11,908.36	171,992.36	893.13		172,885.49
15-Jan-21	0.00	10,307.52	10,307.52	773.06		11,080.58
15-Jul-21	163,318.00	10,307.52	173,625.52	773.06		174,398.58
15-Jan-22	0.00	8,674.34	8,674.34	650.58		9,324.92
15-Jul-22	166,617.00	8,674.34	175,291.34	650.58		175,941.92
15-Jan-23	0.00	7,008.17	7,008.17	525.61		7,533.78
15-Jul-23	169,983.00	7,008.17	176,991.17	525.61		177,516.78
15-Jan-24	0.00	5,308.34	5,308.34	398.13		5,706.47
15-Jul-24	173,418.00	5,308.34	178,726.34	398.13		179,124.47
15-Jan-25	0.00	3,574.16	3,574.16	268.06		3,842.22
15-Jul-25	176,921.00	3,574.16	180,495.16	268.06		180,763.22
15-Jan-26	0.00	1,804.95	1,804.95	135.37		1,940.32
15-Jul-26	180,495.00	1,804.95	182,299.95	135.37		182,435.32
15-Jan-27	0.00	0.00	0.00	0.00		0.00
15-Jul-27	0.00	0.00	0.00	0.00		0.00
15-Jan-28	0.00	0.00	0.00	0.00		0.00
15-Jul-28	0.00	0.00	0.00	0.00		0.00
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
	$3,000,000.00	$646,001.17	$3,646,001.17	$48,062.60	$16,822.16	$3,710,885.93

New From SWAP

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series11

MWRA
CW-07-12-B

Schedule C

Final Loan Structuring Analysis

Schedule of Loan Repayments

Initial Loan Obligation:	$3,320,696.00

	Scheduled Loan Payments			Administrative Fee Payable @ 0.075%	Total Due
	Principal	Interest	Total		
09-Nov-07					
15-Jan-08	0.00	12,175.89	12,175.89	913.19	13,089.08
15-Jul-08	249,354.00	33,206.96	282,560.96	2,490.52	285,051.48
15-Jan-09	0.00	30,713.42	30,713.42	2,303.51	33,016.93
15-Jul-09	233,619.00	30,713.42	264,332.42	2,303.51	266,635.93
15-Jan-10	0.00	28,377.23	28,377.23	2,128.29	30,505.52
15-Jul-10	237,767.00	28,377.23	266,144.23	2,128.29	268,272.52
15-Jan-11	0.00	25,999.56	25,999.56	1,949.97	27,949.53
15-Jul-11	182,360.00	25,999.56	208,359.56	1,949.97	210,309.53
15-Jan-12	0.00	24,175.96	24,175.96	1,813.20	25,989.16
15-Jul-12	185,473.00	24,175.96	209,648.96	1,813.20	211,462.16
15-Jan-13	0.00	22,321.23	22,321.23	1,674.09	23,995.32
15-Jul-13	188,647.00	22,321.23	210,968.23	1,674.09	212,642.32
15-Jan-14	0.00	20,434.76	20,434.76	1,532.61	21,967.37
15-Jul-14	191,886.00	20,434.76	212,320.76	1,532.61	213,853.37
15-Jan-15	0.00	18,515.90	18,515.90	1,388.69	19,904.59
15-Jul-15	195,190.00	18,515.90	213,705.90	1,388.69	215,094.59
15-Jan-16	0.00	16,564.00	16,564.00	1,242.30	17,806.30
15-Jul-16	198,562.00	16,564.00	215,126.00	1,242.30	216,368.30
15-Jan-17	0.00	14,578.38	14,578.38	1,093.38	15,671.76
15-Jul-17	202,001.00	14,578.38	216,579.38	1,093.38	217,672.76
15-Jan-18	0.00	12,558.37	12,558.37	941.88	13,500.25
15-Jul-18	205,510.00	12,558.37	218,068.37	941.88	219,010.25
15-Jan-19	0.00	10,503.27	10,503.27	787.75	11,291.02
15-Jul-19	209,090.00	10,503.27	219,593.27	787.75	220,381.02
15-Jan-20	0.00	8,412.37	8,412.37	630.93	9,043.30
15-Jul-20	212,742.00	8,412.37	221,154.37	630.93	221,785.30
15-Jan-21	0.00	6,284.95	6,284.95	471.37	6,756.32
15-Jul-21	138,163.00	6,284.95	144,447.95	471.37	144,919.32
15-Jan-22	0.00	4,903.32	4,903.32	367.75	5,271.07
15-Jul-22	140,382.00	4,903.32	145,285.32	367.75	145,653.07
15-Jan-23	0.00	3,499.50	3,499.50	262.46	3,761.96
15-Jul-23	114,325.00	3,499.50	117,824.50	262.46	118,086.96
15-Jan-24	0.00	2,356.25	2,356.25	176.72	2,532.97
15-Jul-24	116,634.00	2,356.25	118,990.25	176.72	119,166.97
15-Jan-25	0.00	1,189.91	1,189.91	89.24	1,279.15
15-Jul-25	118,991.00	1,189.91	120,180.91	89.24	120,270.15
15-Jan-26	0.00	0.00	0.00	0.00	0.00
15-Jul-26	0.00	0.00	0.00	0.00	0.00
15-Jan-27	0.00	0.00	0.00	0.00	0.00
15-Jul-27	0.00	0.00	0.00	0.00	0.00
15-Jan-28	0.00	0.00	0.00	0.00	0.00
15-Jul-28	0.00	0.00	0.00	0.00	0.00
15-Jan-29	0.00	0.00	0.00	0.00	0.00
15-Jul-29	0.00	0.00	0.00	0.00	0.00
15-Jan-30	0.00	0.00	0.00	0.00	0.00
15-Jul-30	0.00	0.00	0.00	0.00	0.00
15-Jan-31	0.00	0.00	0.00	0.00	0.00
15-Jul-31	0.00	0.00	0.00	0.00	0.00
15-Jan-32	0.00	0.00	0.00	0.00	0.00
15-Jul-32	0.00	0.00	0.00	0.00	0.00
15-Jan-33	0.00	0.00	0.00	0.00	0.00
15-Jul-33	0.00	0.00	0.00	0.00	0.00
15-Jan-34	0.00	0.00	0.00	0.00	0.00
15-Jul-34	0.00	0.00	0.00	0.00	0.00
15-Jan-35	0.00	0.00	0.00	0.00	0.00
15-Jul-35	0.00	0.00	0.00	0.00	0.00
	3,320,696.00	548,159.61	3,868,855.61	41,111.99	3,909,967.60

New From SWAP

Schedule C

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series11

MWRA
CW-07-12-C

Final Loan Structuring Analysis

Schedule of Payments

Initial Principal Amount:	$1,476,855.00

	Scheduled Payments			Administrative Fee Payable @ 0.075%	Total Due
	Principal	Interest	Total		
09-Nov-07					
15-Jan-08	0.00	6,246.37	6,246.37	406.14	6,652.51
15-Jul-08	37,967.00	17,035.53	55,002.53	1,107.64	56,110.17
15-Jan-09	0.00	16,597.59	16,597.59	1,079.17	17,676.76
15-Jul-09	38,853.00	16,597.59	55,450.59	1,079.17	56,529.76
15-Jan-10	0.00	16,149.42	16,149.42	1,050.03	17,199.45
15-Jul-10	39,759.00	16,149.42	55,908.42	1,050.03	56,958.45
15-Jan-11	0.00	15,690.80	15,690.80	1,020.21	16,711.01
15-Jul-11	40,687.00	15,690.80	56,377.80	1,020.21	57,398.01
15-Jan-12	0.00	15,221.46	15,221.46	989.69	16,211.15
15-Jul-12	41,637.00	15,221.46	56,858.46	989.69	57,848.15
15-Jan-13	0.00	14,741.19	14,741.19	958.46	15,699.65
15-Jul-13	42,609.00	14,741.19	57,350.19	958.46	58,308.65
15-Jan-14	0.00	14,249.70	14,249.70	926.51	15,176.21
15-Jul-14	43,603.00	14,249.70	57,852.70	926.51	58,779.21
15-Jan-15	0.00	13,746.74	13,746.74	893.81	14,640.55
15-Jul-15	44,621.00	13,746.74	58,367.74	893.81	59,261.55
15-Jan-16	0.00	13,232.04	13,232.04	860.34	14,092.38
15-Jul-16	45,662.00	13,232.04	58,894.04	860.34	59,754.38
15-Jan-17	0.00	12,705.32	12,705.32	826.09	13,531.41
15-Jul-17	46,728.00	12,705.32	59,433.32	826.09	60,259.41
15-Jan-18	0.00	12,166.32	12,166.32	791.05	12,957.37
15-Jul-18	47,818.00	12,166.32	59,984.32	791.05	60,775.37
15-Jan-19	0.00	11,614.73	11,614.73	755.18	12,369.91
15-Jul-19	48,935.00	11,614.73	60,549.73	755.18	61,304.91
15-Jan-20	0.00	11,050.27	11,050.27	718.48	11,768.75
15-Jul-20	50,077.00	11,050.27	61,127.27	718.48	61,845.75
15-Jan-21	0.00	10,472.63	10,472.63	680.92	11,153.55
15-Jul-21	51,245.00	10,472.63	61,717.63	680.92	62,398.55
15-Jan-22	0.00	9,881.52	9,881.52	642.49	10,524.01
15-Jul-22	52,441.00	9,881.52	62,322.52	642.49	62,965.01
15-Jan-23	0.00	9,276.61	9,276.61	603.16	9,879.77
15-Jul-23	53,665.00	9,276.61	62,941.61	603.16	63,544.77
15-Jan-24	0.00	8,657.58	8,657.58	562.91	9,220.49
15-Jul-24	54,918.00	8,657.58	63,575.58	562.91	64,138.49
15-Jan-25	0.00	8,024.10	8,024.10	521.72	8,545.82
15-Jul-25	56,199.00	8,024.10	64,223.10	521.72	64,744.82
15-Jan-26	0.00	7,375.85	7,375.85	479.57	7,855.42
15-Jul-26	57,511.00	7,375.85	64,886.85	479.57	65,366.42
15-Jan-27	0.00	6,712.45	6,712.45	436.44	7,148.89
15-Jul-27	58,853.00	6,712.45	65,565.45	436.44	66,001.89
15-Jan-28	0.00	6,033.57	6,033.57	392.30	6,425.87
15-Jul-28	60,227.00	6,033.57	66,260.57	392.30	66,652.87
15-Jan-29	0.00	5,338.87	5,338.87	347.13	5,686.00
15-Jul-29	61,633.00	5,338.87	66,971.87	347.13	67,319.00
15-Jan-30	0.00	4,627.93	4,627.93	300.91	4,928.84
15-Jul-30	63,071.00	4,627.93	67,698.93	300.91	67,999.84
15-Jan-31	0.00	3,900.40	3,900.40	253.60	4,154.00
15-Jul-31	64,543.00	3,900.40	68,443.40	253.60	68,697.00
15-Jan-32	0.00	3,155.89	3,155.89	205.19	3,361.08
15-Jul-32	66,050.00	3,155.89	69,205.89	205.19	69,411.08
15-Jan-33	0.00	2,394.01	2,394.01	155.66	2,549.67
15-Jul-33	67,591.00	2,394.01	69,985.01	155.66	70,140.67
15-Jan-34	0.00	1,614.34	1,614.34	104.96	1,719.30
15-Jul-34	69,169.00	1,614.34	70,783.34	104.96	70,888.30
15-Jan-35	0.00	816.48	816.48	53.09	869.57
15-Jul-35	70,783.00	816.48	71,599.48	53.09	71,652.57
	1,476,855.00	534,177.52	2,011,032.52		2,045,764.44

New From SAMP

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series11

MWRA
DW-07-08-A

Schedule C

Final Loan Structuring Analysis
Schedule of Loan Repayments

Initial Loan Obligation:	$2,726,637.00

	Scheduled Loan Repayments			Administrative Fee Payable @	Total
	Principal	Interest	Total	0.075%	Due
09-Nov-07					
15-Jan-08	0.00	9,997.67	9,997.67	749.83	10,747.50
15-Jul-08	147,992.00	27,266.37	175,258.37	2,044.98	177,303.35
15-Jan-09	0.00	25,786.45	25,786.45	1,933.98	27,720.43
15-Jul-09	148,358.00	25,786.45	174,144.45	1,933.98	176,078.43
15-Jan-10	0.00	24,302.87	24,302.87	1,822.72	26,125.59
15-Jul-10	148,733.00	24,302.87	173,035.87	1,822.72	174,858.59
15-Jan-11	0.00	22,815.54	22,815.54	1,711.17	24,526.71
15-Jul-11	149,116.00	22,815.54	171,931.54	1,711.17	173,642.71
15-Jan-12	0.00	21,324.38	21,324.38	1,599.33	22,923.71
15-Jul-12	149,507.00	21,324.38	170,831.38	1,599.33	172,430.71
15-Jan-13	0.00	19,829.31	19,829.31	1,487.20	21,316.51
15-Jul-13	149,905.00	19,829.31	169,734.31	1,487.20	171,221.51
15-Jan-14	0.00	18,330.26	18,330.26	1,374.77	19,705.03
15-Jul-14	150,311.00	18,330.26	168,641.26	1,374.77	170,016.03
15-Jan-15	0.00	16,827.15	16,827.15	1,262.04	18,089.19
15-Jul-15	150,726.00	16,827.15	167,553.15	1,262.04	168,815.19
15-Jan-16	0.00	15,319.89	15,319.89	1,148.99	16,468.88
15-Jul-16	151,149.00	15,319.89	166,468.89	1,148.99	167,617.88
15-Jan-17	0.00	13,808.40	13,808.40	1,035.63	14,844.03
15-Jul-17	151,580.00	13,808.40	165,388.40	1,035.63	166,424.03
15-Jan-18	0.00	12,292.60	12,292.60	921.95	13,214.55
15-Jul-18	152,021.00	12,292.60	164,313.60	921.95	165,235.55
15-Jan-19	0.00	10,772.39	10,772.39	807.93	11,580.32
15-Jul-19	152,469.00	10,772.39	163,241.39	807.93	164,049.32
15-Jan-20	0.00	9,247.70	9,247.70	693.58	9,941.28
15-Jul-20	152,928.00	9,247.70	162,175.70	693.58	162,869.28
15-Jan-21	0.00	7,718.42	7,718.42	578.88	8,297.30
15-Jul-21	153,395.00	7,718.42	161,113.42	578.88	161,692.30
15-Jan-22	0.00	6,184.47	6,184.47	463.84	6,648.31
15-Jul-22	153,872.00	6,184.47	160,056.47	463.84	160,520.31
15-Jan-23	0.00	4,645.75	4,645.75	348.43	4,994.18
15-Jul-23	154,359.00	4,645.75	159,004.75	348.43	159,353.18
15-Jan-24	0.00	3,102.16	3,102.16	232.66	3,334.82
15-Jul-24	154,855.00	3,102.16	157,957.16	232.66	158,189.82
15-Jan-25	0.00	1,553.61	1,553.61	116.52	1,670.13
15-Jul-25	155,361.00	1,553.61	156,914.61	116.52	157,031.13
15-Jan-26	0.00	0.00	0.00	0.00	0.00
15-Jul-26	0.00	0.00	0.00	0.00	0.00
15-Jan-27	0.00	0.00	0.00	0.00	0.00
15-Jul-27	0.00	0.00	0.00	0.00	0.00
15-Jan-28	0.00	0.00	0.00	0.00	0.00
15-Jul-28	0.00	0.00	0.00	0.00	0.00
15-Jan-29	0.00	0.00	0.00	0.00	0.00
15-Jul-29	0.00	0.00	0.00	0.00	0.00
15-Jan-30	0.00	0.00	0.00	0.00	0.00
15-Jul-30	0.00	0.00	0.00	0.00	0.00
15-Jan-31	0.00	0.00	0.00	0.00	0.00
15-Jul-31	0.00	0.00	0.00	0.00	0.00
15-Jan-32	0.00	0.00	0.00	0.00	0.00
15-Jul-32	0.00	0.00	0.00	0.00	0.00
15-Jan-33	0.00	0.00	0.00	0.00	0.00
15-Jul-33	0.00	0.00	0.00	0.00	0.00
15-Jan-34	0.00	0.00	0.00	0.00	0.00
15-Jul-34	0.00	0.00	0.00	0.00	0.00
15-Jan-35	0.00	0.00	0.00	0.00	0.00
15-Jul-35	0.00	0.00	0.00	0.00	0.00
	2,726,637.00	504,986.74	3,231,623.74	37,874.05	3,269,497.79

MWRA
Bond Ahead
Loan

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
Pool Program Bonds, Pool 12 - Bond Ahead
Structuring Analysis

Schedule C

Amount:	$22,978,223
Rate:	2.302%
Origination Fee (per $1000):	$ 5.61
Closing Date:	09-Nov-07

MWRA
CW-07-12A

	Schedule of Payments*			Administrative	Origination Fee	Total
Date	Principal	Interest	Total	Fee (0.15%)	(5.61 per $1,000)	Due
09-Nov-07						
15-Jan-08		96,975.76	96,975.76	6,414.75		103,390.51
15-Jul-08	5,000.00	264,479.35	269,479.35	17,233.67	128,907.83	415,620.84
15-Jan-09		264,421.80	264,421.80	17,229.92		281,651.71
15-Jul-09	586,158.02	264,421.80	850,579.81	17,229.92		867,809.73
15-Jan-10		257,675.12	257,675.12	16,790.30		274,465.42
15-Jul-10	604,924.93	257,675.12	862,600.05	16,790.30		879,390.35
15-Jan-11		250,712.43	250,712.43	16,336.61		267,049.04
15-Jul-11	619,012.45	250,712.43	869,724.88	16,336.61		886,061.49
15-Jan-12		243,587.60	243,587.60	15,872.35		259,459.94
15-Jul-12	633,428.04	243,587.60	877,015.64	15,872.35		892,887.99
15-Jan-13		236,296.84	236,296.84	15,397.27		251,694.12
15-Jul-13	648,179.34	236,296.84	884,476.19	15,397.27		899,873.46
15-Jan-14		228,836.30	228,836.30	14,911.14		243,747.44
15-Jul-14	663,274.17	228,836.30	892,110.47	14,911.14		907,021.61
15-Jan-15		221,202.01	221,202.01	14,413.68		235,615.70
15-Jul-15	678,720.53	221,202.01	899,922.54	14,413.68		914,336.23
15-Jan-16		213,389.94	213,389.94	13,904.64		227,294.58
15-Jul-16	694,526.61	213,389.94	907,916.55	13,904.64		921,821.19
15-Jan-17		205,395.94	205,395.94	13,383.75		218,779.69
15-Jul-17	710,700.77	205,395.94	916,096.71	13,383.75		929,480.46
15-Jan-18		197,215.77	197,215.77	12,850.72		210,066.49
15-Jul-18	727,251.61	197,215.77	924,467.38	12,850.72		937,318.10
15-Jan-19		188,845.11	188,845.11	12,305.28		201,150.39
15-Jul-19	744,187.87	188,845.11	933,032.98	12,305.28		945,338.26
15-Jan-20		180,279.50	180,279.50	11,747.14		192,026.65
15-Jul-20	761,518.56	180,279.50	941,798.06	11,747.14		953,545.20
15-Jan-21		171,514.42	171,514.42	11,176.01		182,690.43
15-Jul-21	779,252.83	171,514.42	950,767.26	11,176.01		961,943.26
15-Jan-22		162,545.22	162,545.22	10,591.57		173,136.79
15-Jul-22	797,400.11	162,545.22	959,945.33	10,591.57		970,536.90
15-Jan-23		153,367.15	153,367.15	9,993.52		163,360.66
15-Jul-23	815,970.00	153,367.15	969,337.15	9,993.52		979,330.66
15-Jan-24		143,975.33	143,975.33	9,381.54		153,356.87
15-Jul-24	834,972.35	143,975.33	978,947.68	9,381.54		988,329.22
15-Jan-25		134,364.80	134,364.80	8,755.31		143,120.11
15-Jul-25	854,417.22	134,364.80	988,782.02	8,755.31		997,537.33
15-Jan-26		124,530.46	124,530.46	8,114.50		132,644.96
15-Jul-26	874,314.93	124,530.46	998,845.39	8,114.50		1,006,959.88
15-Jan-27		114,467.10	114,467.10	7,458.76		121,925.86
15-Jul-27	894,676.01	114,467.10	1,009,143.11	7,458.76		1,016,601.87
15-Jan-28		104,169.37	104,169.37	6,787.75		110,957.13
15-Jul-28	915,511.27	104,169.37	1,019,680.64	6,787.75		1,026,468.40
15-Jan-29		93,631.84	93,631.84	6,101.12		99,732.96
15-Jul-29	936,831.74	93,631.84	1,030,463.58	6,101.12		1,036,564.69
15-Jan-30		82,848.91	82,848.91	5,398.50		88,247.40
15-Jul-30	958,648.72	82,848.91	1,041,497.62	5,398.50		1,046,896.12
15-Jan-31		71,814.86	71,814.86	4,679.51		76,494.37
15-Jul-31	980,973.77	71,814.86	1,052,788.63	4,679.51		1,057,468.14
15-Jan-32		60,523.85	60,523.85	3,943.78		64,467.63
15-Jul-32	1,003,818.73	60,523.85	1,064,342.58	3,943.78		1,068,286.36
15-Jan-33		48,969.90	48,969.90	3,190.91		52,160.81
15-Jul-33	1,027,195.71	48,969.90	1,076,165.61	3,190.91		1,079,356.52
15-Jan-34		37,146.88	37,146.88	2,420.52		39,567.39
15-Jul-34	1,051,117.09	37,146.88	1,088,263.96	2,420.52		1,090,684.48
15-Jan-35		25,048.52	25,048.52	1,632.18		26,680.70
15-Jul-35	1,075,595.55	25,048.52	1,100,644.07	1,632.18		1,102,276.25
15-Jan-36		12,668.41	12,668.41	825.48		13,493.90
15-Jul-36	1,100,644.07	12,668.41	1,113,312.48	825.48		1,114,137.97
	22,978,223.00	8,820,345.87	31,798,568.87	574,835.92	128,907.83	32,502,312.62

12/3/2007

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 13

SCHEDULE C

MWRA
CW-07-06

Final Structuring Analysis

Loan Interest Rate	2.00%

Schedule of Loan Repayments

Remaining Loan Obligation:	$2,800,000.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.00075	Origination Fee	Due
18-Dec-07						
15-Jul-08	$251,699.00	$32,200.00	$283,899.00	$2,100.00	17,920.00	$303,919.00
15-Jan-09	0.00	25,483.01	25,483.01	1,911.23		27,394.24
15-Jul-09	261,026.00	25,483.01	286,509.01	1,911.23		288,420.24
15-Jan-10	0.00	22,872.75	22,872.75	1,715.46		24,588.21
15-Jul-10	266,300.00	22,872.75	289,172.75	1,715.46		290,888.21
15-Jan-11	0.00	20,209.75	20,209.75	1,515.73		21,725.48
15-Jul-11	271,680.00	20,209.75	291,889.75	1,515.73		293,405.48
15-Jan-12	0.00	17,492.95	17,492.95	1,311.97		18,804.92
15-Jul-12	277,168.00	17,492.95	294,660.95	1,311.97		295,972.92
15-Jan-13	0.00	14,721.27	14,721.27	1,104.10		15,825.37
15-Jul-13	282,767.00	14,721.27	297,488.27	1,104.10		298,592.37
15-Jan-14	0.00	11,893.60	11,893.60	892.02		12,785.62
15-Jul-14	288,480.00	11,893.60	300,373.60	892.02		301,265.62
15-Jan-15	0.00	9,008.80	9,008.80	675.66		9,684.46
15-Jul-15	294,308.00	9,008.80	303,316.80	675.66		303,992.46
15-Jan-16	0.00	6,065.72	6,065.72	454.93		6,520.65
15-Jul-16	300,253.00	6,065.72	306,318.72	454.93		306,773.65
15-Jan-17	0.00	3,063.19	3,063.19	229.74		3,292.93
15-Jul-17	306,319.00	3,063.19	309,382.19	229.74		309,611.93
15-Jan-18	0.00	0.00	0.00	0.00		0.00
15-Jul-18	0.00	0.00	0.00	0.00		0.00
15-Jan-19	0.00	0.00	0.00	0.00		0.00
15-Jul-19	0.00	0.00	0.00	0.00		0.00
15-Jan-20	0.00	0.00	0.00	0.00		0.00
15-Jul-20	0.00	0.00	0.00	0.00		0.00
15-Jan-21	0.00	0.00	0.00	0.00		0.00
15-Jul-21	0.00	0.00	0.00	0.00		0.00
15-Jan-22	0.00	0.00	0.00	0.00		0.00
15-Jul-22	0.00	0.00	0.00	0.00		0.00
15-Jan-23	0.00	0.00	0.00	0.00		0.00
15-Jul-23	0.00	0.00	0.00	0.00		0.00
15-Jan-24	0.00	0.00	0.00	0.00		0.00
15-Jul-24	0.00	0.00	0.00	0.00		0.00
15-Jan-25	0.00	0.00	0.00	0.00		0.00
15-Jul-25	0.00	0.00	0.00	0.00		0.00
15-Jan-26	0.00	0.00	0.00	0.00		0.00
15-Jul-26	0.00	0.00	0.00	0.00		0.00
15-Jan-27	0.00	0.00	0.00	0.00		0.00
15-Jul-27	0.00	0.00	0.00	0.00		0.00
15-Jan-28	0.00	0.00	0.00	0.00		0.00
15-Jul-28	0.00	0.00	0.00	0.00		0.00
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
15-Jul-38	0.00	0.00	0.00	0.00		0.00
15-Jan-39	0.00	0.00	0.00	0.00		0.00
	$2,800,000.00	$293,822.08	$3,093,822.08	$21,721.68	$17,920.00	$3,133,463.76

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 13

SCHEDULE C

MWRA
CW-07-08

Final Structuring Analysis

Loan Interest Rate	2.00%

Schedule of Loan Repayments

Remaining Loan Obligation:	$100,000.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.00075	Origination Fee	Due
18-Dec-07						
15-Jul-08	$8,989.00	$1,150.00	$10,139.00	$75.00	640.00	$10,854.00
15-Jan-09	0.00	910.11	910.11	68.26		978.37
15-Jul-09	9,322.00	910.11	10,232.11	68.26		10,300.37
15-Jan-10	0.00	816.89	816.89	61.27		878.16
15-Jul-10	9,511.00	816.89	10,327.89	61.27		10,389.16
15-Jan-11	0.00	721.78	721.78	54.13		775.91
15-Jul-11	9,703.00	721.78	10,424.78	54.13		10,478.91
15-Jan-12	0.00	624.75	624.75	46.86		671.61
15-Jul-12	9,899.00	624.75	10,523.75	46.86		10,570.61
15-Jan-13	0.00	525.76	525.76	39.43		565.19
15-Jul-13	10,099.00	525.76	10,624.76	39.43		10,664.19
15-Jan-14	0.00	424.77	424.77	31.86		456.63
15-Jul-14	10,303.00	424.77	10,727.77	31.86		10,759.63
15-Jan-15	0.00	321.74	321.74	24.13		345.87
15-Jul-15	10,511.00	321.74	10,832.74	24.13		10,856.87
15-Jan-16	0.00	216.63	216.63	16.25		232.88
15-Jul-16	10,723.00	216.63	10,939.63	16.25		10,955.88
15-Jan-17	0.00	109.40	109.40	8.21		117.61
15-Jul-17	10,940.00	109.40	11,049.40	8.21		11,057.61
15-Jan-18	0.00	0.00	0.00	0.00		0.00
15-Jul-18	0.00	0.00	0.00	0.00		0.00
15-Jan-19	0.00	0.00	0.00	0.00		0.00
15-Jul-19	0.00	0.00	0.00	0.00		0.00
15-Jan-20	0.00	0.00	0.00	0.00		0.00
15-Jul-20	0.00	0.00	0.00	0.00		0.00
15-Jan-21	0.00	0.00	0.00	0.00		0.00
15-Jul-21	0.00	0.00	0.00	0.00		0.00
15-Jan-22	0.00	0.00	0.00	0.00		0.00
15-Jul-22	0.00	0.00	0.00	0.00		0.00
15-Jan-23	0.00	0.00	0.00	0.00		0.00
15-Jul-23	0.00	0.00	0.00	0.00		0.00
15-Jan-24	0.00	0.00	0.00	0.00		0.00
15-Jul-24	0.00	0.00	0.00	0.00		0.00
15-Jan-25	0.00	0.00	0.00	0.00		0.00
15-Jul-25	0.00	0.00	0.00	0.00		0.00
15-Jan-26	0.00	0.00	0.00	0.00		0.00
15-Jul-26	0.00	0.00	0.00	0.00		0.00
15-Jan-27	0.00	0.00	0.00	0.00		0.00
15-Jul-27	0.00	0.00	0.00	0.00		0.00
15-Jan-28	0.00	0.00	0.00	0.00		0.00
15-Jul-28	0.00	0.00	0.00	0.00		0.00
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
15-Jul-38	0.00	0.00	0.00	0.00		0.00
15-Jan-39	0.00	0.00	0.00	0.00		0.00
	$100,000.00	$10,493.66	$110,493.66	$775.80	$640.00	$111,909.46

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 13

SCHEDULE C

MWRA
CW-07-10

Final Structuring Analysis

Loan Interest Rate	2.00%

Schedule of Loan Repayments

Remaining Loan Obligation:	$2,000,000.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.00075	Origination Fee	Due
18-Dec-07						
15-Jul-08	$179,785.00	$23,000.00	$202,785.00	$1,500.00	12,800.00	$217,085.00
15-Jan-09	0.00	18,202.15	18,202.15	1,365.16		19,567.31
15-Jul-09	186,447.00	18,202.15	204,649.15	1,365.16		206,014.31
15-Jan-10	0.00	16,337.68	16,337.68	1,225.33		17,563.01
15-Jul-10	190,214.00	16,337.68	206,551.68	1,225.33		207,777.01
15-Jan-11	0.00	14,435.54	14,435.54	1,082.67		15,518.21
15-Jul-11	194,057.00	14,435.54	208,492.54	1,082.67		209,575.21
15-Jan-12	0.00	12,494.97	12,494.97	937.12		13,432.09
15-Jul-12	197,977.00	12,494.97	210,471.97	937.12		211,409.09
15-Jan-13	0.00	10,515.20	10,515.20	788.64		11,303.84
15-Jul-13	201,977.00	10,515.20	212,492.20	788.64		213,280.84
15-Jan-14	0.00	8,495.43	8,495.43	637.16		9,132.59
15-Jul-14	206,057.00	8,495.43	214,552.43	637.16		215,189.59
15-Jan-15	0.00	6,434.86	6,434.86	482.61		6,917.47
15-Jul-15	210,220.00	6,434.86	216,654.86	482.61		217,137.47
15-Jan-16	0.00	4,332.66	4,332.66	324.95		4,657.61
15-Jul-16	214,467.00	4,332.66	218,799.66	324.95		219,124.61
15-Jan-17	0.00	2,187.99	2,187.99	164.10		2,352.09
15-Jul-17	218,799.00	2,187.99	220,986.99	164.10		221,151.09
15-Jan-18	0.00	0.00	0.00	0.00		0.00
15-Jul-18	0.00	0.00	0.00	0.00		0.00
15-Jan-19	0.00	0.00	0.00	0.00		0.00
15-Jul-19	0.00	0.00	0.00	0.00		0.00
15-Jan-20	0.00	0.00	0.00	0.00		0.00
15-Jul-20	0.00	0.00	0.00	0.00		0.00
15-Jan-21	0.00	0.00	0.00	0.00		0.00
15-Jul-21	0.00	0.00	0.00	0.00		0.00
15-Jan-22	0.00	0.00	0.00	0.00		0.00
15-Jul-22	0.00	0.00	0.00	0.00		0.00
15-Jan-23	0.00	0.00	0.00	0.00		0.00
15-Jul-23	0.00	0.00	0.00	0.00		0.00
15-Jan-24	0.00	0.00	0.00	0.00		0.00
15-Jul-24	0.00	0.00	0.00	0.00		0.00
15-Jan-25	0.00	0.00	0.00	0.00		0.00
15-Jul-25	0.00	0.00	0.00	0.00		0.00
15-Jan-26	0.00	0.00	0.00	0.00		0.00
15-Jul-26	0.00	0.00	0.00	0.00		0.00
15-Jan-27	0.00	0.00	0.00	0.00		0.00
15-Jul-27	0.00	0.00	0.00	0.00		0.00
15-Jan-28	0.00	0.00	0.00	0.00		0.00
15-Jul-28	0.00	0.00	0.00	0.00		0.00
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
15-Jul-38	0.00	0.00	0.00	0.00		0.00
15-Jan-39	0.00	0.00	0.00	0.00		0.00
	$2,000,000.00	$209,872.96	$2,209,872.96	$15,515.48	$12,800.00	$2,238,188.44

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 13

SCHEDULE C

MWRA
CW-07-05

Interest Rate: 2.414%

Final Structuring Analysis

Schedule of Payments

Initial Principal Amount:	$4,000,000.00

	Schedule of Payments			Admin. Fee		Total
Date	Principal	Interest	Total	0.00075	Origination Fee	Due
18-Dec-07						
15-Jul-08	$84,943.00	$55,522.01	$140,465.01	$3,000.00	25,600.00	$169,065.01
15-Jan-09	0.00	47,254.75	47,254.75	2,936.29		50,191.04
15-Jul-09	94,349.00	47,254.75	141,603.75	2,936.29		144,540.04
15-Jan-10	0.00	46,115.96	46,115.96	2,865.53		48,981.49
15-Jul-10	96,654.00	46,115.96	142,769.96	2,865.53		145,635.49
15-Jan-11	0.00	44,949.34	44,949.34	2,793.04		47,742.38
15-Jul-11	99,016.00	44,949.34	143,965.34	2,793.04		146,758.38
15-Jan-12	0.00	43,754.22	43,754.22	2,718.78		46,473.00
15-Jul-12	101,435.00	43,754.22	145,189.22	2,718.78		147,908.00
15-Jan-13	0.00	42,529.90	42,529.90	2,642.70		45,172.60
15-Jul-13	103,914.00	42,529.90	146,443.90	2,642.70		149,086.60
15-Jan-14	0.00	41,275.66	41,275.66	2,564.77		43,840.43
15-Jul-14	106,453.00	41,275.66	147,728.66	2,564.77		150,293.43
15-Jan-15	0.00	39,990.77	39,990.77	2,484.93		42,475.70
15-Jul-15	109,054.00	39,990.77	149,044.77	2,484.93		151,529.70
15-Jan-16	0.00	38,674.49	38,674.49	2,403.14		41,077.63
15-Jul-16	111,719.00	38,674.49	150,393.49	2,403.14		152,796.63
15-Jan-17	0.00	37,326.04	37,326.04	2,319.35		39,645.39
15-Jul-17	114,449.00	37,326.04	151,775.04	2,319.35		154,094.39
15-Jan-18	0.00	35,944.64	35,944.64	2,233.51		38,178.15
15-Jul-18	117,245.00	35,944.64	153,189.64	2,233.51		155,423.15
15-Jan-19	0.00	34,529.49	34,529.49	2,145.58		36,675.07
15-Jul-19	120,110.00	34,529.49	154,639.49	2,145.58		156,785.07
15-Jan-20	0.00	33,079.76	33,079.76	2,055.49		35,135.25
15-Jul-20	123,045.00	33,079.76	156,124.76	2,055.49		158,180.25
15-Jan-21	0.00	31,594.61	31,594.61	1,963.21		33,557.82
15-Jul-21	126,052.00	31,594.61	157,646.61	1,963.21		159,609.82
15-Jan-22	0.00	30,073.16	30,073.16	1,868.67		31,941.83
15-Jul-22	129,132.00	30,073.16	159,205.16	1,868.67		161,073.83
15-Jan-23	0.00	28,514.53	28,514.53	1,771.82		30,286.35
15-Jul-23	132,287.00	28,514.53	160,801.53	1,771.82		162,573.35
15-Jan-24	0.00	26,917.83	26,917.83	1,672.61		28,590.44
15-Jul-24	135,519.00	26,917.83	162,436.83	1,672.61		164,109.44
15-Jan-25	0.00	25,282.11	25,282.11	1,570.97		26,853.08
15-Jul-25	138,831.00	25,282.11	164,113.11	1,570.97		165,684.08
15-Jan-26	0.00	23,606.42	23,606.42	1,466.84		25,073.26
15-Jul-26	142,223.00	23,606.42	165,829.42	1,466.84		167,296.26
15-Jan-27	0.00	21,889.79	21,889.79	1,360.18		23,249.97
15-Jul-27	145,698.00	21,889.79	167,587.79	1,360.18		168,947.97
15-Jan-28	0.00	20,131.22	20,131.22	1,250.90		21,382.12
15-Jul-28	149,259.00	20,131.22	169,390.22	1,250.90		170,641.12
15-Jan-29	0.00	18,329.66	18,329.66	1,138.96		19,468.62
15-Jul-29	152,906.00	18,329.66	171,235.66	1,138.96		172,374.62
15-Jan-30	0.00	16,484.09	16,484.09	1,024.28		17,508.37
15-Jul-30	156,642.00	16,484.09	173,126.09	1,024.28		174,150.37
15-Jan-31	0.00	14,593.42	14,593.42	906.80		15,500.22
15-Jul-31	160,469.00	14,593.42	175,062.42	906.80		175,969.22
15-Jan-32	0.00	12,656.56	12,656.56	786.45		13,443.01
15-Jul-32	164,391.00	12,656.56	177,047.56	786.45		177,834.01
15-Jan-33	0.00	10,672.36	10,672.36	663.15		11,335.51
15-Jul-33	168,407.00	10,672.36	179,079.36	663.15		179,742.51
15-Jan-34	0.00	8,639.69	8,639.69	536.85		9,176.54
15-Jul-34	172,522.00	8,639.69	181,161.69	536.85		181,698.54
15-Jan-35	0.00	6,557.35	6,557.35	407.46		6,964.81
15-Jul-35	176,738.00	6,557.35	183,295.35	407.46		183,702.81
15-Jan-36	0.00	4,424.12	4,424.12	274.90		4,699.02
15-Jul-36	181,057.00	4,424.12	185,481.12	274.90		185,756.02
15-Jan-37	0.00	2,238.76	2,238.76	139.11		2,377.87
15-Jul-37	185,481.00	2,238.76	187,719.76	139.11		187,858.87
15-Jan-38	0.00	0.00	0.00	0.00		0.00
15-Jul-38	0.00	0.00	0.00	0.00		0.00
15-Jan-39	0.00	0.00	0.00	0.00		0.00
	$4,000,000.00	$1,631,583.41	$5,631,583.41	$100,932.54	$25,600.00	$5,758,115.95

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 13

MWRA
CW-07-07

Revised SCHEDULE C

Principal reduced $732,753.00 part of swap

27,000,000
(732,753)

Final Loan Structuring Analysis
Revised Schedule of Loan Repayments

Outstanding Loan Obligation:	$25,057,030.00

	Schedule of Loan Repayments			*Admin. Fee*	*Total*
	Principal	Interest	Total	*0.07500%*	*Due*
15-Dec-09					
15-Jan-10	-	309,808.64	309,808.64	18,391.13	328,199.77
15-Jul-10	633,878.23	302,438.36	936,316.59	13,635.09	949,951.68
15-Jan-11	-	294,787.45	294,787.45	13,159.68	307,947.13
15-Jul-11	649,367.29	294,787.45	944,154.74	13,159.68	957,314.42
15-Jan-12	-	286,949.59	286,949.59	12,672.65	299,622.24
15-Jul-12	665,234.28	286,949.59	952,183.87	12,672.65	964,856.52
15-Jan-13	-	278,920.20	278,920.20	12,173.73	291,093.93
15-Jul-13	681,489.91	278,920.20	960,410.11	12,173.73	972,583.84
15-Jan-14	-	270,694.63	270,694.63	11,662.61	282,357.24
15-Jul-14	698,141.95	270,694.63	968,836.58	11,662.61	980,499.19
15-Jan-15	-	262,268.05	262,268.05	11,139.00	273,407.05
15-Jul-15	715,201.08	262,268.05	977,469.13	11,139.00	988,608.13
15-Jan-16	-	253,635.57	253,635.57	10,602.60	264,238.17
15-Jul-16	732,677.03	253,635.57	986,312.60	10,602.60	996,915.20
15-Jan-17	-	244,792.16	244,792.16	10,053.09	254,845.25
15-Jul-17	750,579.50	244,792.16	995,371.66	10,053.09	1,005,424.75
15-Jan-18	-	235,732.66	235,732.66	9,490.16	245,222.82
15-Jul-18	768,920.15	235,732.66	1,004,652.81	9,490.16	1,014,142.97
15-Jan-19	-	226,451.80	226,451.80	8,913.47	235,365.27
15-Jul-19	787,708.71	226,451.80	1,014,160.51	8,913.47	1,023,073.98
15-Jan-20	-	216,944.15	216,944.15	8,322.69	225,266.84
15-Jul-20	806,955.86	216,944.15	1,023,900.01	8,322.69	1,032,222.70
15-Jan-21	-	207,204.20	207,204.20	7,717.47	214,921.67
15-Jul-21	826,674.23	207,204.20	1,033,878.43	7,717.47	1,041,595.90
15-Jan-22	-	197,226.24	197,226.24	7,097.46	204,323.70
15-Jul-22	846,873.53	197,226.24	1,044,099.77	7,097.46	1,051,197.23
15-Jan-23	-	187,004.48	187,004.48	6,462.31	193,466.79
15-Jul-23	867,567.37	187,004.48	1,054,571.85	6,462.31	1,061,034.16
15-Jan-24	-	176,532.94	176,532.94	5,811.63	182,344.57
15-Jul-24	888,766.44	176,532.94	1,065,299.38	5,811.63	1,071,111.01
15-Jan-25	-	165,805.53	165,805.53	5,145.06	170,950.59
15-Jul-25	910,483.36	165,805.53	1,076,288.89	5,145.06	1,081,433.95
15-Jan-26	-	154,816.00	154,816.00	4,462.20	159,278.20
15-Jul-26	932,730.77	154,816.00	1,087,546.77	4,462.20	1,092,008.97
15-Jan-27	-	143,557.94	143,557.94	3,762.65	147,320.59
15-Jul-27	955,521.30	143,557.94	1,099,079.24	3,762.65	1,102,841.89
15-Jan-28	-	132,024.79	132,024.79	3,046.01	135,070.80
15-Jul-28	978,869.52	132,024.79	1,110,894.31	3,046.01	1,113,940.32
15-Jan-29	-	120,209.84	120,209.84	2,311.85	122,521.69
15-Jul-29	1,002,788.06	120,209.84	1,122,997.90	2,311.85	1,125,309.75
15-Jan-30	-	108,106.19	108,106.19	1,559.76	109,665.95
15-Jul-30	1,027,291.49	108,106.19	1,135,397.68	1,559.76	1,136,957.44
15-Jan-31	-	95,706.78	95,706.78	789.30	96,496.08
15-Jul-31	1,052,393.43	95,706.78	1,148,100.21	789.30	1,148,889.51
15-Jan-32	-	83,004.39	83,004.39	789.30	83,793.69
15-Jul-32	1,078,108.43	83,004.39	1,161,112.82	1,597.88	1,162,710.70
15-Jan-33	-	69,991.63	69,991.63	1,597.88	71,589.51
15-Jul-33	1,104,452.06	69,991.63	1,174,443.69	2,426.22	1,176,869.91
15-Jan-34	-	56,660.88	56,660.88	2,426.22	59,087.10
15-Jul-34	1,131,438.87	56,660.88	1,188,099.75	3,274.79	1,191,374.54
15-Jan-35	-	43,004.41	43,004.41	3,274.79	46,279.20
15-Jul-35	1,159,086.36	43,004.41	1,202,090.77	4,144.11	1,206,234.88
15-Jan-36	-	29,014.24	29,014.24	4,144.11	33,158.35
15-Jul-36	1,187,408.14	29,014.24	1,216,422.38	5,034.67	1,221,457.05
15-Jan-37	-	14,682.22	14,682.22	5,034.67	19,716.89
15-Jul-37	1,216,422.65	14,682.22	1,231,104.87	5,946.98	1,237,051.85
15-Jan-38	-	-	-	5,946.98	5,946.98
	$25,057,030.00	$9,723,704.92	$34,780,734.92	$390,375.58	$35,171,110.50

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 13

SCHEDULE C

MWRA
CW-07-07

Final Structuring Analysis

Interest Rate:	2.414%

Schedule of Payments

Initial Principal Amount:	$27,000,000.00

	Schedule of Payments			Admin. Fee		Total
Date	Principal	Interest	Total	0.00075	Origination Fee	Due
18-Dec-07						
15-Jul-08	$573,363.00	$374,773.51	$948,136.51	$20,250.00	172,800.00	$1,141,186.51
15-Jan-09	0.00	318,969.52	318,969.52	19,819.98		338,789.50
15-Jul-09	636,854.00	318,969.52	955,823.52	19,819.98		975,643.50
15-Jan-10	0.00	311,282.69	311,282.69	19,342.34		330,625.03
15-Jul-10	652,415.00	311,282.69	963,697.69	19,342.34		983,040.03
15-Jan-11	0.00	303,408.04	303,408.04	18,853.03		322,261.07
15-Jul-11	668,357.00	303,408.04	971,765.04	18,853.03		990,618.07
15-Jan-12	0.00	295,340.97	295,340.97	18,351.76		313,692.73
15-Jul-12	684,688.00	295,340.97	980,028.97	18,351.76		998,380.73
15-Jan-13	0.00	287,076.78	287,076.78	17,838.24		304,915.02
15-Jul-13	701,419.00	287,076.78	988,495.78	17,838.24		1,006,334.02
15-Jan-14	0.00	278,610.66	278,610.66	17,312.18		295,922.84
15-Jul-14	718,558.00	278,610.66	997,168.66	17,312.18		1,014,480.84
15-Jan-15	0.00	269,937.66	269,937.66	16,773.26		286,710.92
15-Jul-15	736,116.00	269,937.66	1,006,053.66	16,773.26		1,022,826.92
15-Jan-16	0.00	261,052.74	261,052.74	16,221.17		277,273.91
15-Jul-16	754,103.00	261,052.74	1,015,155.74	16,221.17		1,031,376.91
15-Jan-17	0.00	251,950.72	251,950.72	15,655.60		267,606.32
15-Jul-17	772,529.00	251,950.72	1,024,479.72	15,655.60		1,040,135.32
15-Jan-18	0.00	242,626.29	242,626.29	15,076.20		257,702.49
15-Jul-18	791,406.00	242,626.29	1,034,032.29	15,076.20		1,049,108.49
15-Jan-19	0.00	233,074.02	233,074.02	14,482.64		247,556.66
15-Jul-19	810,744.00	233,074.02	1,043,818.02	14,482.64		1,058,300.66
15-Jan-20	0.00	223,288.34	223,288.34	13,874.59		237,162.93
15-Jul-20	830,554.00	223,288.34	1,053,842.34	13,874.59		1,067,716.93
15-Jan-21	0.00	213,263.56	213,263.56	13,251.67		226,515.23
15-Jul-21	850,849.00	213,263.56	1,064,112.56	13,251.67		1,077,364.23
15-Jan-22	0.00	202,993.81	202,993.81	12,613.53		215,607.34
15-Jul-22	871,639.00	202,993.81	1,074,632.81	12,613.53		1,087,246.34
15-Jan-23	0.00	192,473.13	192,473.13	11,959.80		204,432.93
15-Jul-23	892,938.00	192,473.13	1,085,411.13	11,959.80		1,097,370.93
15-Jan-24	0.00	181,695.37	181,695.37	11,290.10		192,985.47
15-Jul-24	914,757.00	181,695.37	1,096,452.37	11,290.10		1,107,742.47
15-Jan-25	0.00	170,654.25	170,654.25	10,604.03		181,258.28
15-Jul-25	937,109.00	170,654.25	1,107,763.25	10,604.03		1,118,367.28
15-Jan-26	0.00	159,343.35	159,343.35	9,901.20		169,244.55
15-Jul-26	960,007.00	159,343.35	1,119,350.35	9,901.20		1,129,251.55
15-Jan-27	0.00	147,756.06	147,756.06	9,181.20		156,937.26
15-Jul-27	983,464.00	147,756.06	1,131,220.06	9,181.20		1,140,401.26
15-Jan-28	0.00	135,885.65	135,885.65	8,443.60		144,329.25
15-Jul-28	1,007,495.00	135,885.65	1,143,380.65	8,443.60		1,151,824.25
15-Jan-29	0.00	123,725.19	123,725.19	7,687.98		131,413.17
15-Jul-29	1,032,113.00	123,725.19	1,155,838.19	7,687.98		1,163,526.17
15-Jan-30	0.00	111,267.58	111,267.58	6,913.89		118,181.47
15-Jul-30	1,057,333.00	111,267.58	1,168,600.58	6,913.89		1,175,514.47
15-Jan-31	0.00	98,505.57	98,505.57	6,120.89		104,626.46
15-Jul-31	1,083,169.00	98,505.57	1,181,674.57	6,120.89		1,187,795.46
15-Jan-32	0.00	85,431.72	85,431.72	5,308.52		90,740.24
15-Jul-32	1,109,636.00	85,431.72	1,195,067.72	5,308.52		1,200,376.24
15-Jan-33	0.00	72,038.42	72,038.42	4,476.29		76,514.71
15-Jul-33	1,136,750.00	72,038.42	1,208,788.42	4,476.29		1,213,264.71
15-Jan-34	0.00	58,317.84	58,317.84	3,623.73		61,941.57
15-Jul-34	1,164,526.00	58,317.84	1,222,843.84	3,623.73		1,226,467.57
15-Jan-35	0.00	44,262.01	44,262.01	2,750.33		47,012.34
15-Jul-35	1,192,982.00	44,262.01	1,237,244.01	2,750.33		1,239,994.34
15-Jan-36	0.00	29,862.72	29,862.72	1,855.60		31,718.32
15-Jul-36	1,222,132.00	29,862.72	1,251,994.72	1,855.60		1,253,850.32
15-Jan-37	0.00	15,111.58	15,111.58	939.00		16,050.58
15-Jul-37	1,251,995.00	15,111.58	1,267,106.58	939.00		1,268,045.58
15-Jan-38	0.00	0.00	0.00	0.00		0.00
15-Jul-38	0.00	0.00	0.00	0.00		0.00
15-Jan-39	0.00	0.00	0.00	0.00		0.00
	$27,000,000.00	$11,013,185.99	$38,013,185.99	$681,294.70	$172,800.00	$38,867,280.69

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 13

SCHEDULE C

MWRA
CW-07-09

Final Structuring Analysis

Interest Rate:	2.414%

Schedule of Payments

Initial Principal Amount:	$800,000.00

	Schedule of Payments			Admin. Fee		Total
Date	Principal	Interest	Total	0.00075	Origination Fee	Due
18-Dec-07						
15-Jul-08	$16,989.00	$11,104.39	$28,093.39	$600.00	5,120.00	$33,813.39
15-Jan-09	0.00	9,450.94	9,450.94	587.26		10,038.20
15-Jul-09	18,870.00	9,450.94	28,320.94	587.26		28,908.20
15-Jan-10	0.00	9,223.18	9,223.18	573.11		9,796.29
15-Jul-10	19,331.00	9,223.18	28,554.18	573.11		29,127.29
15-Jan-11	0.00	8,989.85	8,989.85	558.61		9,548.46
15-Jul-11	19,803.00	8,989.85	28,792.85	558.61		29,351.46
15-Jan-12	0.00	8,750.83	8,750.83	543.76		9,294.59
15-Jul-12	20,287.00	8,750.83	29,037.83	543.76		29,581.59
15-Jan-13	0.00	8,505.97	8,505.97	528.54		9,034.51
15-Jul-13	20,783.00	8,505.97	29,288.97	528.54		29,817.51
15-Jan-14	0.00	8,255.12	8,255.12	512.95		8,768.07
15-Jul-14	21,291.00	8,255.12	29,546.12	512.95		30,059.07
15-Jan-15	0.00	7,998.14	7,998.14	496.98		8,495.12
15-Jul-15	21,811.00	7,998.14	29,809.14	496.98		30,306.12
15-Jan-16	0.00	7,734.88	7,734.88	480.63		8,215.51
15-Jul-16	22,344.00	7,734.88	30,078.88	480.63		30,559.51
15-Jan-17	0.00	7,465.19	7,465.19	463.87		7,929.06
15-Jul-17	22,890.00	7,465.19	30,355.19	463.87		30,819.06
15-Jan-18	0.00	7,188.91	7,188.91	446.70		7,635.61
15-Jul-18	23,449.00	7,188.91	30,637.91	446.70		31,084.61
15-Jan-19	0.00	6,905.88	6,905.88	429.11		7,334.99
15-Jul-19	24,022.00	6,905.88	30,927.88	429.11		31,356.99
15-Jan-20	0.00	6,615.93	6,615.93	411.10		7,027.03
15-Jul-20	24,609.00	6,615.93	31,224.93	411.10		31,636.03
15-Jan-21	0.00	6,318.90	6,318.90	392.64		6,711.54
15-Jul-21	25,210.00	6,318.90	31,528.90	392.64		31,921.54
15-Jan-22	0.00	6,014.62	6,014.62	373.73		6,388.35
15-Jul-22	25,826.00	6,014.62	31,840.62	373.73		32,214.35
15-Jan-23	0.00	5,702.90	5,702.90	354.36		6,057.26
15-Jul-23	26,457.00	5,702.90	32,159.90	354.36		32,514.26
15-Jan-24	0.00	5,383.56	5,383.56	334.52		5,718.08
15-Jul-24	27,104.00	5,383.56	32,487.56	334.52		32,822.08
15-Jan-25	0.00	5,056.42	5,056.42	314.19		5,370.61
15-Jul-25	27,766.00	5,056.42	32,822.42	314.19		33,136.61
15-Jan-26	0.00	4,721.28	4,721.28	293.37		5,014.65
15-Jul-26	28,445.00	4,721.28	33,166.28	293.37		33,459.65
15-Jan-27	0.00	4,377.95	4,377.95	272.03		4,649.98
15-Jul-27	29,140.00	4,377.95	33,517.95	272.03		33,789.98
15-Jan-28	0.00	4,026.23	4,026.23	250.18		4,276.41
15-Jul-28	29,852.00	4,026.23	33,878.23	250.18		34,128.41
15-Jan-29	0.00	3,665.92	3,665.92	227.79		3,893.71
15-Jul-29	30,581.00	3,665.92	34,246.92	227.79		34,474.71
15-Jan-30	0.00	3,296.80	3,296.80	204.86		3,501.66
15-Jul-30	31,328.00	3,296.80	34,624.80	204.86		34,829.66
15-Jan-31	0.00	2,918.67	2,918.67	181.36		3,100.03
15-Jul-31	32,094.00	2,918.67	35,012.67	181.36		35,194.03
15-Jan-32	0.00	2,531.30	2,531.30	157.29		2,688.59
15-Jul-32	32,878.00	2,531.30	35,409.30	157.29		35,566.59
15-Jan-33	0.00	2,134.46	2,134.46	132.63		2,267.09
15-Jul-33	33,681.00	2,134.46	35,815.46	132.63		35,948.09
15-Jan-34	0.00	1,727.93	1,727.93	107.37		1,835.30
15-Jul-34	34,504.00	1,727.93	36,231.93	107.37		36,339.30
15-Jan-35	0.00	1,311.47	1,311.47	81.49		1,392.96
15-Jul-35	35,348.00	1,311.47	36,659.47	81.49		36,740.96
15-Jan-36	0.00	884.82	884.82	54.98		939.80
15-Jul-36	36,211.00	884.82	37,095.82	54.98		37,150.80
15-Jan-37	0.00	447.75	447.75	27.82		475.57
15-Jul-37	37,096.00	447.75	37,543.75	27.82		37,571.57
15-Jan-38	0.00	0.00	0.00	0.00		0.00
15-Jul-38	0.00	0.00	0.00	0.00		0.00
15-Jan-39	0.00	0.00	0.00	0.00		0.00
	$800,000.00	$326,315.99	$1,126,315.99	$20,186.46	$5,120.00	$1,151,622.45

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 13

SCHEDULE C

MWRA
CW-07-12

Interest Rate: 2.414%

Final Structuring Analysis

Schedule of Payments

Initial Principal Amount:	$24,792,226.00

	Schedule of Payments			Admin. Fee		Total
Date	Principal	Interest	Total	0.00075	Origination Fee	Due
18-Dec-07						
15-Jul-08	$526,480.00	$344,128.49	$870,608.49	$18,594.17	158,670.25	$1,047,872.91
15-Jan-09	0.00	292,887.55	292,887.55	18,199.31		311,086.86
15-Jul-09	584,779.00	292,887.55	877,666.55	18,199.31		895,865.86
15-Jan-10	0.00	285,829.27	285,829.27	17,760.73		303,590.00
15-Jul-10	599,068.00	285,829.27	884,897.27	17,760.73		902,658.00
15-Jan-11	0.00	278,598.52	278,598.52	17,311.42		295,909.94
15-Jul-11	613,706.00	278,598.52	892,304.52	17,311.42		909,615.94
15-Jan-12	0.00	271,191.09	271,191.09	16,851.14		288,042.23
15-Jul-12	628,702.00	271,191.09	899,893.09	16,851.14		916,744.23
15-Jan-13	0.00	263,602.65	263,602.65	16,379.62		279,982.27
15-Jul-13	644,064.00	263,602.65	907,666.65	16,379.62		924,046.27
15-Jan-14	0.00	255,828.80	255,828.80	15,896.57		271,725.37
15-Jul-14	659,802.00	255,828.80	915,630.80	15,896.57		931,527.37
15-Jan-15	0.00	247,864.99	247,864.99	15,401.72		263,266.71
15-Jul-15	675,924.00	247,864.99	923,788.99	15,401.72		939,190.71
15-Jan-16	0.00	239,706.59	239,706.59	14,894.78		254,601.37
15-Jul-16	692,440.00	239,706.59	932,146.59	14,894.78		947,041.37
15-Jan-17	0.00	231,348.84	231,348.84	14,375.45		245,724.29
15-Jul-17	709,360.00	231,348.84	940,708.84	14,375.45		955,084.29
15-Jan-18	0.00	222,786.86	222,786.86	13,843.43		236,630.29
15-Jul-18	726,693.00	222,786.86	949,479.86	13,843.43		963,323.29
15-Jan-19	0.00	214,015.68	214,015.68	13,298.41		227,314.09
15-Jul-19	744,450.00	214,015.68	958,465.68	13,298.41		971,764.09
15-Jan-20	0.00	205,030.17	205,030.17	12,740.07		217,770.24
15-Jul-20	762,640.00	205,030.17	967,670.17	12,740.07		980,410.24
15-Jan-21	0.00	195,825.10	195,825.10	12,168.09		207,993.19
15-Jul-21	781,275.00	195,825.10	977,100.10	12,168.09		989,268.19
15-Jan-22	0.00	186,395.11	186,395.11	11,582.13		197,977.24
15-Jul-22	800,366.00	186,395.11	986,761.11	11,582.13		998,343.24
15-Jan-23	0.00	176,734.69	176,734.69	10,981.86		187,716.55
15-Jul-23	819,923.00	176,734.69	996,657.69	10,981.86		1,007,639.55
15-Jan-24	0.00	166,838.22	166,838.22	10,366.92		177,205.14
15-Jul-24	839,957.00	166,838.22	1,006,795.22	10,366.92		1,017,162.14
15-Jan-25	0.00	156,699.94	156,699.94	9,736.95		166,436.89
15-Jul-25	860,482.00	156,699.94	1,017,181.94	9,736.95		1,026,918.89
15-Jan-26	0.00	146,313.92	146,313.92	9,091.59		155,405.51
15-Jul-26	881,508.00	146,313.92	1,027,821.92	9,091.59		1,036,913.51
15-Jan-27	0.00	135,674.12	135,674.12	8,430.46		144,104.58
15-Jul-27	903,047.00	135,674.12	1,038,721.12	8,430.46		1,047,151.58
15-Jan-28	0.00	124,774.35	124,774.35	7,753.17		132,527.52
15-Jul-28	925,113.00	124,774.35	1,049,887.35	7,753.17		1,057,640.52
15-Jan-29	0.00	113,608.23	113,608.23	7,059.34		120,667.57
15-Jul-29	947,718.00	113,608.23	1,061,326.23	7,059.34		1,068,385.57
15-Jan-30	0.00	102,169.28	102,169.28	6,348.55		108,517.83
15-Jul-30	970,875.00	102,169.28	1,073,044.28	6,348.55		1,079,392.83
15-Jan-31	0.00	90,450.82	90,450.82	5,620.39		96,071.21
15-Jul-31	994,599.00	90,450.82	1,085,049.82	5,620.39		1,090,670.21
15-Jan-32	0.00	78,446.01	78,446.01	4,874.44		83,320.45
15-Jul-32	1,018,902.00	78,446.01	1,097,348.01	4,874.44		1,102,222.45
15-Jan-33	0.00	66,147.86	66,147.86	4,110.26		70,258.12
15-Jul-33	1,043,798.00	66,147.86	1,109,945.86	4,110.26		1,114,056.12
15-Jan-34	0.00	53,549.22	53,549.22	3,327.42		56,876.64
15-Jul-34	1,069,304.00	53,549.22	1,122,853.22	3,327.42		1,126,180.64
15-Jan-35	0.00	40,642.72	40,642.72	2,525.44		43,168.16
15-Jul-35	1,095,432.00	40,642.72	1,136,074.72	2,525.44		1,138,600.16
15-Jan-36	0.00	27,420.86	27,420.86	1,703.86		29,124.72
15-Jul-36	1,122,199.00	27,420.86	1,149,619.86	1,703.86		1,151,323.72
15-Jan-37	0.00	13,875.92	13,875.92	862.22		14,738.14
15-Jul-37	1,149,620.00	13,875.92	1,163,495.92	862.22		1,164,358.14
15-Jan-38	0.00	0.00	0.00	0.00		0.00
15-Jul-38	0.00	0.00	0.00	0.00		0.00
15-Jan-39	0.00	0.00	0.00	0.00		0.00
	$24,792,226.00	$10,112,643.25	$34,904,869.25	$625,585.65	$158,670.25	$35,689,125.15

Massachusetts Water Pollution Abatement Trust

SCHEDULE C

Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 13

MWRA
DW-07-06

Final Structuring Analysis

Loan Interest Rate	2.00%

Schedule of Loan Repayments

Initial Loan Obligation:	$500,000.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.00075	Origination Fee	Due
18-Dec-07						
15-Jul-08	$19,825.00	$5,750.00	$25,575.00	$375.00	3,200.00	$29,150.00
15-Jan-09	0.00	4,801.75	4,801.75	360.13		5,161.88
15-Jul-09	20,983.00	4,801.75	25,784.75	360.13		26,144.88
15-Jan-10	0.00	4,591.92	4,591.92	344.39		4,936.31
15-Jul-10	21,407.00	4,591.92	25,998.92	344.39		26,343.31
15-Jan-11	0.00	4,377.85	4,377.85	328.34		4,706.19
15-Jul-11	21,839.00	4,377.85	26,216.85	328.34		26,545.19
15-Jan-12	0.00	4,159.46	4,159.46	311.96		4,471.42
15-Jul-12	22,281.00	4,159.46	26,440.46	311.96		26,752.42
15-Jan-13	0.00	3,936.65	3,936.65	295.25		4,231.90
15-Jul-13	22,731.00	3,936.65	26,667.65	295.25		26,962.90
15-Jan-14	0.00	3,709.34	3,709.34	278.20		3,987.54
15-Jul-14	23,190.00	3,709.34	26,899.34	278.20		27,177.54
15-Jan-15	0.00	3,477.44	3,477.44	260.81		3,738.25
15-Jul-15	23,658.00	3,477.44	27,135.44	260.81		27,396.25
15-Jan-16	0.00	3,240.86	3,240.86	243.06		3,483.92
15-Jul-16	24,136.00	3,240.86	27,376.86	243.06		27,619.92
15-Jan-17	0.00	2,999.50	2,999.50	224.96		3,224.46
15-Jul-17	24,624.00	2,999.50	27,623.50	224.96		27,848.46
15-Jan-18	0.00	2,753.26	2,753.26	206.49		2,959.75
15-Jul-18	25,121.00	2,753.26	27,874.26	206.49		28,080.75
15-Jan-19	0.00	2,502.05	2,502.05	187.65		2,689.70
15-Jul-19	25,629.00	2,502.05	28,131.05	187.65		28,318.70
15-Jan-20	0.00	2,245.76	2,245.76	168.43		2,414.19
15-Jul-20	26,147.00	2,245.76	28,392.76	168.43		28,561.19
15-Jan-21	0.00	1,984.29	1,984.29	148.82		2,133.11
15-Jul-21	26,675.00	1,984.29	28,659.29	148.82		28,808.11
15-Jan-22	0.00	1,717.54	1,717.54	128.82		1,846.36
15-Jul-22	27,214.00	1,717.54	28,931.54	128.82		29,060.36
15-Jan-23	0.00	1,445.40	1,445.40	108.41		1,553.81
15-Jul-23	27,763.00	1,445.40	29,208.40	108.41		29,316.81
15-Jan-24	0.00	1,167.77	1,167.77	87.58		1,255.35
15-Jul-24	28,324.00	1,167.77	29,491.77	87.58		29,579.35
15-Jan-25	0.00	884.53	884.53	66.34		950.87
15-Jul-25	28,897.00	884.53	29,781.53	66.34		29,847.87
15-Jan-26	0.00	595.56	595.56	44.67		640.23
15-Jul-26	29,480.00	595.56	30,075.56	44.67		30,120.23
15-Jan-27	0.00	300.76	300.76	22.56		323.32
15-Jul-27	30,076.00	300.76	30,376.76	22.56		30,399.32
15-Jan-28	0.00	0.00	0.00	0.00		0.00
15-Jul-28	0.00	0.00	0.00	0.00		0.00
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
15-Jul-38	0.00	0.00	0.00	0.00		0.00
15-Jan-39	0.00	0.00	0.00	0.00		0.00
	$500,000.00	$107,533.38	$607,533.38	$8,008.74	$3,200.00	$618,742.12

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 13

SCHEDULE C

MWRA
DW-07-07

Final Structuring Analysis

Loan Interest Rate	2.00%

Schedule of Loan Repayments

Initial Loan Obligation:	$1,000,000.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.00075	Origination Fee	Due
18-Dec-07						
15-Jul-08	$39,650.00	$11,500.00	$51,150.00	$750.00	6,400.00	$58,300.00
15-Jan-09	0.00	9,603.50	9,603.50	720.26		10,323.76
15-Jul-09	41,966.00	9,603.50	51,569.50	720.26		52,289.76
15-Jan-10	0.00	9,183.84	9,183.84	688.79		9,872.63
15-Jul-10	42,814.00	9,183.84	51,997.84	688.79		52,686.63
15-Jan-11	0.00	8,755.70	8,755.70	656.68		9,412.38
15-Jul-11	43,679.00	8,755.70	52,434.70	656.68		53,091.38
15-Jan-12	0.00	8,318.91	8,318.91	623.92		8,942.83
15-Jul-12	44,561.00	8,318.91	52,879.91	623.92		53,503.83
15-Jan-13	0.00	7,873.30	7,873.30	590.50		8,463.80
15-Jul-13	45,461.00	7,873.30	53,334.30	590.50		53,924.80
15-Jan-14	0.00	7,418.69	7,418.69	556.40		7,975.09
15-Jul-14	46,380.00	7,418.69	53,798.69	556.40		54,355.09
15-Jan-15	0.00	6,954.89	6,954.89	521.62		7,476.51
15-Jul-15	47,317.00	6,954.89	54,271.89	521.62		54,793.51
15-Jan-16	0.00	6,481.72	6,481.72	486.13		6,967.85
15-Jul-16	48,272.00	6,481.72	54,753.72	486.13		55,239.85
15-Jan-17	0.00	5,999.00	5,999.00	449.93		6,448.93
15-Jul-17	49,248.00	5,999.00	55,247.00	449.93		55,696.93
15-Jan-18	0.00	5,506.52	5,506.52	412.99		5,919.51
15-Jul-18	50,243.00	5,506.52	55,749.52	412.99		56,162.51
15-Jan-19	0.00	5,004.09	5,004.09	375.31		5,379.40
15-Jul-19	51,258.00	5,004.09	56,262.09	375.31		56,637.40
15-Jan-20	0.00	4,491.51	4,491.51	336.86		4,828.37
15-Jul-20	52,293.00	4,491.51	56,784.51	336.86		57,121.37
15-Jan-21	0.00	3,968.58	3,968.58	297.64		4,266.22
15-Jul-21	53,349.00	3,968.58	57,317.58	297.64		57,615.22
15-Jan-22	0.00	3,435.09	3,435.09	257.63		3,692.72
15-Jul-22	54,427.00	3,435.09	57,862.09	257.63		58,119.72
15-Jan-23	0.00	2,890.82	2,890.82	216.81		3,107.63
15-Jul-23	55,527.00	2,890.82	58,417.82	216.81		58,634.63
15-Jan-24	0.00	2,335.55	2,335.55	175.17		2,510.72
15-Jul-24	56,649.00	2,335.55	58,984.55	175.17		59,159.72
15-Jan-25	0.00	1,769.06	1,769.06	132.68		1,901.74
15-Jul-25	57,793.00	1,769.06	59,562.06	132.68		59,694.74
15-Jan-26	0.00	1,191.13	1,191.13	89.33		1,280.46
15-Jul-26	58,961.00	1,191.13	60,152.13	89.33		60,241.46
15-Jan-27	0.00	601.52	601.52	45.11		646.63
15-Jul-27	60,152.00	601.52	60,753.52	45.11		60,798.63
15-Jan-28	0.00	0.00	0.00	0.00		0.00
15-Jul-28	0.00	0.00	0.00	0.00		0.00
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
15-Jul-38	0.00	0.00	0.00	0.00		0.00
15-Jan-39	0.00	0.00	0.00	0.00		0.00
	$1,000,000.00	$215,066.84	$1,215,066.84	$16,017.52	$6,400.00	$1,237,484.36

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 13

SCHEDULE C

MWRA
DW-07-08

Final Structuring Analysis

Loan Interest Rate	2.00%

Schedule of Loan Repayments

Initial Loan Obligation:	$17,873,363.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.00075	Origination Fee	Due
18-Dec-07						
15-Jul-08	$708,676.00	$205,543.67	$914,219.67	$13,405.02	114,389.52	$1,042,014.21
15-Jan-09	0.00	171,646.87	171,646.87	12,873.52		184,520.39
15-Jul-09	750,074.00	171,646.87	921,720.87	12,873.52		934,594.39
15-Jan-10	0.00	164,146.13	164,146.13	12,310.96		176,457.09
15-Jul-10	765,227.00	164,146.13	929,373.13	12,310.96		941,684.09
15-Jan-11	0.00	156,493.86	156,493.86	11,737.04		168,230.90
15-Jul-11	780,686.00	156,493.86	937,179.86	11,737.04		948,916.90
15-Jan-12	0.00	148,687.00	148,687.00	11,151.53		159,838.53
15-Jul-12	796,457.00	148,687.00	945,144.00	11,151.53		956,295.53
15-Jan-13	0.00	140,722.43	140,722.43	10,554.18		151,276.61
15-Jul-13	812,547.00	140,722.43	953,269.43	10,554.18		963,823.61
15-Jan-14	0.00	132,596.96	132,596.96	9,944.77		142,541.73
15-Jul-14	828,962.00	132,596.96	961,558.96	9,944.77		971,503.73
15-Jan-15	0.00	124,307.34	124,307.34	9,323.05		133,630.39
15-Jul-15	845,709.00	124,307.34	970,016.34	9,323.05		979,339.39
15-Jan-16	0.00	115,850.25	115,850.25	8,688.77		124,539.02
15-Jul-16	862,794.00	115,850.25	978,644.25	8,688.77		987,333.02
15-Jan-17	0.00	107,222.31	107,222.31	8,041.67		115,263.98
15-Jul-17	880,224.00	107,222.31	987,446.31	8,041.67		995,487.98
15-Jan-18	0.00	98,420.07	98,420.07	7,381.51		105,801.58
15-Jul-18	898,007.00	98,420.07	996,427.07	7,381.51		1,003,808.58
15-Jan-19	0.00	89,440.00	89,440.00	6,708.00		96,148.00
15-Jul-19	916,148.00	89,440.00	1,005,588.00	6,708.00		1,012,296.00
15-Jan-20	0.00	80,278.52	80,278.52	6,020.89		86,299.41
15-Jul-20	934,656.00	80,278.52	1,014,934.52	6,020.89		1,020,955.41
15-Jan-21	0.00	70,931.96	70,931.96	5,319.90		76,251.86
15-Jul-21	953,538.00	70,931.96	1,024,469.96	5,319.90		1,029,789.86
15-Jan-22	0.00	61,396.58	61,396.58	4,604.74		66,001.32
15-Jul-22	972,801.00	61,396.58	1,034,197.58	4,604.74		1,038,802.32
15-Jan-23	0.00	51,668.57	51,668.57	3,875.14		55,543.71
15-Jul-23	992,454.00	51,668.57	1,044,122.57	3,875.14		1,047,997.71
15-Jan-24	0.00	41,744.03	41,744.03	3,130.80		44,874.83
15-Jul-24	1,012,504.00	41,744.03	1,054,248.03	3,130.80		1,057,378.83
15-Jan-25	0.00	31,618.99	31,618.99	2,371.42		33,990.41
15-Jul-25	1,032,958.00	31,618.99	1,064,576.99	2,371.42		1,066,948.41
15-Jan-26	0.00	21,289.41	21,289.41	1,596.71		22,886.12
15-Jul-26	1,053,826.00	21,289.41	1,075,115.41	1,596.71		1,076,712.12
15-Jan-27	0.00	10,751.15	10,751.15	806.34		11,557.49
15-Jul-27	1,075,115.00	10,751.15	1,085,866.15	806.34		1,086,672.49
15-Jan-28	0.00	0.00	0.00	0.00		0.00
15-Jul-28	0.00	0.00	0.00	0.00		0.00
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
15-Jul-38	0.00	0.00	0.00	0.00		0.00
15-Jan-39	0.00	0.00	0.00	0.00		0.00
	$17,873,363.00	$3,843,968.53	$21,717,331.53	$286,286.90	$114,389.52	$22,118,007.95

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 13

SCHEDULE C

MWRA
DW-07-11

Final Structuring Analysis

Loan Interest Rate	2.00%

Schedule of Loan Repayments

Initial Loan Obligation:	$300,000.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.00075	Origination Fee	Due
18-Dec-07						
15-Jul-08	$11,895.00	$3,450.00	$15,345.00	$225.00	1,920.00	$17,490.00
15-Jan-09	0.00	2,881.05	2,881.05	216.08		3,097.13
15-Jul-09	12,590.00	2,881.05	15,471.05	216.08		15,687.13
15-Jan-10	0.00	2,755.15	2,755.15	206.64		2,961.79
15-Jul-10	12,844.00	2,755.15	15,599.15	206.64		15,805.79
15-Jan-11	0.00	2,626.71	2,626.71	197.00		2,823.71
15-Jul-11	13,104.00	2,626.71	15,730.71	197.00		15,927.71
15-Jan-12	0.00	2,495.67	2,495.67	187.18		2,682.85
15-Jul-12	13,368.00	2,495.67	15,863.67	187.18		16,050.85
15-Jan-13	0.00	2,361.99	2,361.99	177.15		2,539.14
15-Jul-13	13,638.00	2,361.99	15,999.99	177.15		16,177.14
15-Jan-14	0.00	2,225.61	2,225.61	166.92		2,392.53
15-Jul-14	13,914.00	2,225.61	16,139.61	166.92		16,306.53
15-Jan-15	0.00	2,086.47	2,086.47	156.49		2,242.96
15-Jul-15	14,195.00	2,086.47	16,281.47	156.49		16,437.96
15-Jan-16	0.00	1,944.52	1,944.52	145.84		2,090.36
15-Jul-16	14,482.00	1,944.52	16,426.52	145.84		16,572.36
15-Jan-17	0.00	1,799.70	1,799.70	134.98		1,934.68
15-Jul-17	14,774.00	1,799.70	16,573.70	134.98		16,708.68
15-Jan-18	0.00	1,651.96	1,651.96	123.90		1,775.86
15-Jul-18	15,073.00	1,651.96	16,724.96	123.90		16,848.86
15-Jan-19	0.00	1,501.23	1,501.23	112.59		1,613.82
15-Jul-19	15,377.00	1,501.23	16,878.23	112.59		16,990.82
15-Jan-20	0.00	1,347.46	1,347.46	101.06		1,448.52
15-Jul-20	15,688.00	1,347.46	17,035.46	101.06		17,136.52
15-Jan-21	0.00	1,190.58	1,190.58	89.29		1,279.87
15-Jul-21	16,005.00	1,190.58	17,195.58	89.29		17,284.87
15-Jan-22	0.00	1,030.53	1,030.53	77.29		1,107.82
15-Jul-22	16,328.00	1,030.53	17,358.53	77.29		17,435.82
15-Jan-23	0.00	867.25	867.25	65.04		932.29
15-Jul-23	16,658.00	867.25	17,525.25	65.04		17,590.29
15-Jan-24	0.00	700.67	700.67	52.55		753.22
15-Jul-24	16,995.00	700.67	17,695.67	52.55		17,748.22
15-Jan-25	0.00	530.72	530.72	39.80		570.52
15-Jul-25	17,338.00	530.72	17,868.72	39.80		17,908.52
15-Jan-26	0.00	357.34	357.34	26.80		384.14
15-Jul-26	17,688.00	357.34	18,045.34	26.80		18,072.14
15-Jan-27	0.00	180.46	180.46	13.53		193.99
15-Jul-27	18,046.00	180.46	18,226.46	13.53		18,239.99
15-Jan-28	0.00	0.00	0.00	0.00		0.00
15-Jul-28	0.00	0.00	0.00	0.00		0.00
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
15-Jul-38	0.00	0.00	0.00	0.00		0.00
15-Jan-39	0.00	0.00	0.00	0.00		0.00
	$300,000.00	$64,520.14	$364,520.14	$4,805.26	$1,920.00	$371,245.40

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 13

SCHEDULE C

MWRA
DW-07-12

Final Structuring Analysis

Loan Interest Rate	2.00%

Schedule of Loan Repayments

Initial Loan Obligation:	$300,000.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.00075	Origination Fee	Due
18-Dec-07						
15-Jul-08	$11,895.00	$3,450.00	$15,345.00	$225.00	1,920.00	$17,490.00
15-Jan-09	0.00	2,881.05	2,881.05	216.08		3,097.13
15-Jul-09	12,590.00	2,881.05	15,471.05	216.08		15,687.13
15-Jan-10	0.00	2,755.15	2,755.15	206.64		2,961.79
15-Jul-10	12,844.00	2,755.15	15,599.15	206.64		15,805.79
15-Jan-11	0.00	2,626.71	2,626.71	197.00		2,823.71
15-Jul-11	13,104.00	2,626.71	15,730.71	197.00		15,927.71
15-Jan-12	0.00	2,495.67	2,495.67	187.18		2,682.85
15-Jul-12	13,368.00	2,495.67	15,863.67	187.18		16,050.85
15-Jan-13	0.00	2,361.99	2,361.99	177.15		2,539.14
15-Jul-13	13,638.00	2,361.99	15,999.99	177.15		16,177.14
15-Jan-14	0.00	2,225.61	2,225.61	166.92		2,392.53
15-Jul-14	13,914.00	2,225.61	16,139.61	166.92		16,306.53
15-Jan-15	0.00	2,086.47	2,086.47	156.49		2,242.96
15-Jul-15	14,195.00	2,086.47	16,281.47	156.49		16,437.96
15-Jan-16	0.00	1,944.52	1,944.52	145.84		2,090.36
15-Jul-16	14,482.00	1,944.52	16,426.52	145.84		16,572.36
15-Jan-17	0.00	1,799.70	1,799.70	134.98		1,934.68
15-Jul-17	14,774.00	1,799.70	16,573.70	134.98		16,708.68
15-Jan-18	0.00	1,651.96	1,651.96	123.90		1,775.86
15-Jul-18	15,073.00	1,651.96	16,724.96	123.90		16,848.86
15-Jan-19	0.00	1,501.23	1,501.23	112.59		1,613.82
15-Jul-19	15,377.00	1,501.23	16,878.23	112.59		16,990.82
15-Jan-20	0.00	1,347.46	1,347.46	101.06		1,448.52
15-Jul-20	15,688.00	1,347.46	17,035.46	101.06		17,136.52
15-Jan-21	0.00	1,190.58	1,190.58	89.29		1,279.87
15-Jul-21	16,005.00	1,190.58	17,195.58	89.29		17,284.87
15-Jan-22	0.00	1,030.53	1,030.53	77.29		1,107.82
15-Jul-22	16,328.00	1,030.53	17,358.53	77.29		17,435.82
15-Jan-23	0.00	867.25	867.25	65.04		932.29
15-Jul-23	16,658.00	867.25	17,525.25	65.04		17,590.29
15-Jan-24	0.00	700.67	700.67	52.55		753.22
15-Jul-24	16,995.00	700.67	17,695.67	52.55		17,748.22
15-Jan-25	0.00	530.72	530.72	39.80		570.52
15-Jul-25	17,338.00	530.72	17,868.72	39.80		17,908.52
15-Jan-26	0.00	357.34	357.34	26.80		384.14
15-Jul-26	17,688.00	357.34	18,045.34	26.80		18,072.14
15-Jan-27	0.00	180.46	180.46	13.53		193.99
15-Jul-27	18,046.00	180.46	18,226.46	13.53		18,239.99
15-Jan-28	0.00	0.00	0.00	0.00		0.00
15-Jul-28	0.00	0.00	0.00	0.00		0.00
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
15-Jul-38	0.00	0.00	0.00	0.00		0.00
15-Jan-39	0.00	0.00	0.00	0.00		0.00
	$300,000.00	$64,520.14	$364,520.14	$4,805.26	$1,920.00	$371,245.40

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 13

SCHEDULE C

MWRA
DW-07-02

Final Structuring Analysis

Loan Interest Rate	2.00%

Schedule of Loan Repayments

Initial Loan Obligation:	$300,000.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.00075	Origination Fee	Due
18-Dec-07						
15-Jul-08	$11,895.00	$3,450.00	$15,345.00	$225.00	1,920.00	$17,490.00
15-Jan-09	0.00	2,881.05	2,881.05	216.08		3,097.13
15-Jul-09	12,590.00	2,881.05	15,471.05	216.08		15,687.13
15-Jan-10	0.00	2,755.15	2,755.15	206.64		2,961.79
15-Jul-10	12,844.00	2,755.15	15,599.15	206.64		15,805.79
15-Jan-11	0.00	2,626.71	2,626.71	197.00		2,823.71
15-Jul-11	13,104.00	2,626.71	15,730.71	197.00		15,927.71
15-Jan-12	0.00	2,495.67	2,495.67	187.18		2,682.85
15-Jul-12	13,368.00	2,495.67	15,863.67	187.18		16,050.85
15-Jan-13	0.00	2,361.99	2,361.99	177.15		2,539.14
15-Jul-13	13,638.00	2,361.99	15,999.99	177.15		16,177.14
15-Jan-14	0.00	2,225.61	2,225.61	166.92		2,392.53
15-Jul-14	13,914.00	2,225.61	16,139.61	166.92		16,306.53
15-Jan-15	0.00	2,086.47	2,086.47	156.49		2,242.96
15-Jul-15	14,195.00	2,086.47	16,281.47	156.49		16,437.96
15-Jan-16	0.00	1,944.52	1,944.52	145.84		2,090.36
15-Jul-16	14,482.00	1,944.52	16,426.52	145.84		16,572.36
15-Jan-17	0.00	1,799.70	1,799.70	134.98		1,934.68
15-Jul-17	14,774.00	1,799.70	16,573.70	134.98		16,708.68
15-Jan-18	0.00	1,651.96	1,651.96	123.90		1,775.86
15-Jul-18	15,073.00	1,651.96	16,724.96	123.90		16,848.86
15-Jan-19	0.00	1,501.23	1,501.23	112.59		1,613.82
15-Jul-19	15,377.00	1,501.23	16,878.23	112.59		16,990.82
15-Jan-20	0.00	1,347.46	1,347.46	101.06		1,448.52
15-Jul-20	15,688.00	1,347.46	17,035.46	101.06		17,136.52
15-Jan-21	0.00	1,190.58	1,190.58	89.29		1,279.87
15-Jul-21	16,005.00	1,190.58	17,195.58	89.29		17,284.87
15-Jan-22	0.00	1,030.53	1,030.53	77.29		1,107.82
15-Jul-22	16,328.00	1,030.53	17,358.53	77.29		17,435.82
15-Jan-23	0.00	867.25	867.25	65.04		932.29
15-Jul-23	16,658.00	867.25	17,525.25	65.04		17,590.29
15-Jan-24	0.00	700.67	700.67	52.55		753.22
15-Jul-24	16,995.00	700.67	17,695.67	52.55		17,748.22
15-Jan-25	0.00	530.72	530.72	39.80		570.52
15-Jul-25	17,338.00	530.72	17,868.72	39.80		17,908.52
15-Jan-26	0.00	357.34	357.34	26.80		384.14
15-Jul-26	17,688.00	357.34	18,045.34	26.80		18,072.14
15-Jan-27	0.00	180.46	180.46	13.53		193.99
15-Jul-27	18,046.00	180.46	18,226.46	13.53		18,239.99
15-Jan-28	0.00	0.00	0.00	0.00		0.00
15-Jul-28	0.00	0.00	0.00	0.00		0.00
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
15-Jul-38	0.00	0.00	0.00	0.00		0.00
15-Jan-39	0.00	0.00	0.00	0.00		0.00
	$300,000.00	$64,520.14	$364,520.14	$4,805.26	$1,920.00	$371,245.40

New - Pool 12
SWNP

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 12

MWRA
DW-08-07

Schedule C

Final Loan Structuring Analysis

Schedule of Loan Repayments

Initial Loan Obligation:	$1,209,649.00

	Scheduled Loan Repayments			Administrative Fee Payable @	Total
	Principal	Interest	Total	0.075%	Due
09-Dec-08					
15-Jan-09	0.00	2,419.30	2,419.30	181.45	2,600.75
15-Jul-09	56,749.00	12,096.49	68,845.49	907.24	69,752.73
15-Jan-10	0.00	11,529.00	11,529.00	864.68	12,393.68
15-Jul-10	57,896.00	11,529.00	69,425.00	864.68	70,289.68
15-Jan-11	0.00	10,950.04	10,950.04	821.25	11,771.29
15-Jul-11	59,066.00	10,950.04	70,016.04	821.25	70,837.29
15-Jan-12	0.00	10,359.38	10,359.38	776.95	11,136.33
15-Jul-12	60,259.00	10,359.38	70,618.38	776.95	71,395.33
15-Jan-13	0.00	9,756.79	9,756.79	731.76	10,488.55
15-Jul-13	61,476.00	9,756.79	71,232.79	731.76	71,964.55
15-Jan-14	0.00	9,142.03	9,142.03	685.65	9,827.68
15-Jul-14	62,718.00	9,142.03	71,860.03	685.65	72,545.68
15-Jan-15	0.00	8,514.85	8,514.85	638.61	9,153.46
15-Jul-15	63,985.00	8,514.85	72,499.85	638.61	73,138.46
15-Jan-16	0.00	7,875.00	7,875.00	590.63	8,465.63
15-Jul-16	65,278.00	7,875.00	73,153.00	590.63	73,743.63
15-Jan-17	0.00	7,222.22	7,222.22	541.67	7,763.89
15-Jul-17	66,596.00	7,222.22	73,818.22	541.67	74,359.89
15-Jan-18	0.00	6,556.26	6,556.26	491.72	7,047.98
15-Jul-18	67,942.00	6,556.26	74,498.26	491.72	74,989.98
15-Jan-19	0.00	5,876.84	5,876.84	440.76	6,317.60
15-Jul-19	69,314.00	5,876.84	75,190.84	440.76	75,631.60
15-Jan-20	0.00	5,183.70	5,183.70	388.78	5,572.48
15-Jul-20	70,714.00	5,183.70	75,897.70	388.78	76,286.48
15-Jan-21	0.00	4,476.56	4,476.56	335.74	4,812.30
15-Jul-21	72,143.00	4,476.56	76,619.56	335.74	76,955.30
15-Jan-22	0.00	3,755.13	3,755.13	281.63	4,036.76
15-Jul-22	73,600.00	3,755.13	77,355.13	281.63	77,636.76
15-Jan-23	0.00	3,019.13	3,019.13	226.43	3,245.56
15-Jul-23	75,088.00	3,019.13	78,107.13	226.43	78,333.56
15-Jan-24	0.00	2,268.25	2,268.25	170.12	2,438.37
15-Jul-24	74,101.00	2,268.25	76,369.25	170.12	76,539.37
15-Jan-25	0.00	1,527.24	1,527.24	114.54	1,641.78
15-Jul-25	75,598.00	1,527.24	77,125.24	114.54	77,239.78
15-Jan-26	0.00	771.26	771.26	57.84	829.10
15-Jul-26	77,126.00	771.26	77,897.26	57.84	77,955.10
15-Jan-27	0.00	0.00	0.00	0.00	0.00
15-Jul-27	0.00	0.00	0.00	0.00	0.00
15-Jan-28	0.00	0.00	0.00	0.00	0.00
15-Jul-28	0.00	0.00	0.00	0.00	0.00
15-Jan-29	0.00	0.00	0.00	0.00	0.00
15-Jul-29	0.00	0.00	0.00	0.00	0.00
15-Jan-30	0.00	0.00	0.00	0.00	0.00
15-Jul-30	0.00	0.00	0.00	0.00	0.00
15-Jan-31	0.00	0.00	0.00	0.00	0.00
15-Jul-31	0.00	0.00	0.00	0.00	0.00
15-Jan-32	0.00	0.00	0.00	0.00	0.00
15-Jul-32	0.00	0.00	0.00	0.00	0.00
15-Jan-33	0.00	0.00	0.00	0.00	0.00
15-Jul-33	0.00	0.00	0.00	0.00	0.00
15-Jan-34	0.00	0.00	0.00	0.00	0.00
15-Jul-34	0.00	0.00	0.00	0.00	0.00
15-Jan-35	0.00	0.00	0.00	0.00	0.00
15-Jul-35	0.00	0.00	0.00	0.00	0.00
15-Jan-36	0.00	0.00	0.00	0.00	0.00
15-Jul-36	0.00	0.00	0.00	0.00	0.00
	1,209,649.00	232,083.15	1,441,732.15	17,406.21	1,459,138.36

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
State Revolving Fund Bonds
Series 14

SCHEDULE C

MWRA
CW-08-06-A

Final Structuring Analysis

Interest Rate:	2.421%

Schedule of Payments

Initial Principal Amount:	$67,548,409.00

	Schedule of Payments			Admin. Fee		Total
Date	Principal	Interest	Total	0.07500%	Origination Fee	Due
18-Mar-09						
15-Jul-09	$1,826,998.00	$531,487.78	$2,358,485.78	$50,661.31	420,826.59	$2,829,973.68
15-Jan-10	0.00	795,557.69	795,557.69	49,291.06		844,848.75
15-Jul-10	1,582,079.00	795,557.69	2,377,636.69	49,291.06		2,426,927.75
15-Jan-11	0.00	776,406.63	776,406.63	48,104.50		824,511.13
15-Jul-11	1,620,850.00	776,406.63	2,397,256.63	48,104.50		2,445,361.13
15-Jan-12	0.00	756,786.24	756,786.24	46,888.86		803,675.10
15-Jul-12	1,660,572.00	756,786.24	2,417,358.24	46,888.86		2,464,247.10
15-Jan-13	0.00	736,685.01	736,685.01	45,643.43		782,328.44
15-Jul-13	1,701,267.00	736,685.01	2,437,952.01	45,643.43		2,483,595.44
15-Jan-14	0.00	716,091.18	716,091.18	44,367.48		760,458.66
15-Jul-14	1,742,959.00	716,091.18	2,459,050.18	44,367.48		2,503,417.66
15-Jan-15	0.00	694,992.66	694,992.66	43,060.26		738,052.92
15-Jul-15	1,785,674.00	694,992.66	2,480,666.66	43,060.26		2,523,726.92
15-Jan-16	0.00	673,377.07	673,377.07	41,721.01		715,098.08
15-Jul-16	1,829,434.00	673,377.07	2,502,811.07	41,721.01		2,544,532.08
15-Jan-17	0.00	651,231.77	651,231.77	40,348.93		691,580.70
15-Jul-17	1,874,268.00	651,231.77	2,525,499.77	40,348.93		2,565,848.70
15-Jan-18	0.00	628,543.76	628,543.76	38,943.23		667,486.99
15-Jul-18	1,920,200.00	628,543.76	2,548,743.76	38,943.23		2,587,686.99
15-Jan-19	0.00	605,299.74	605,299.74	37,503.08		642,802.82
15-Jul-19	1,967,257.00	605,299.74	2,572,556.74	37,503.08		2,610,059.82
15-Jan-20	0.00	581,486.09	581,486.09	36,027.64		617,513.73
15-Jul-20	2,015,468.00	581,486.09	2,596,954.09	36,027.64		2,632,981.73
15-Jan-21	0.00	557,088.85	557,088.85	34,516.04		591,604.89
15-Jul-21	2,064,861.00	557,088.85	2,621,949.85	34,516.04		2,656,465.89
15-Jan-22	0.00	532,093.71	532,093.71	32,967.39		565,061.10
15-Jul-22	2,115,464.00	532,093.71	2,647,557.71	32,967.39		2,680,525.10
15-Jan-23	0.00	506,486.02	506,486.02	31,380.79		537,866.81
15-Jul-23	2,167,306.00	506,486.02	2,673,792.02	31,380.79		2,705,172.81
15-Jan-24	0.00	480,250.78	480,250.78	29,755.31		510,006.09
15-Jul-24	2,220,420.00	480,250.78	2,700,670.78	29,755.31		2,730,426.09
15-Jan-25	0.00	453,372.60	453,372.60	28,090.00		481,462.60
15-Jul-25	2,274,835.00	453,372.60	2,728,207.60	28,090.00		2,756,297.60
15-Jan-26	0.00	425,835.72	425,835.72	26,383.87		452,219.59
15-Jul-26	2,330,584.00	425,835.72	2,756,419.72	26,383.87		2,782,803.59
15-Jan-27	0.00	397,624.00	397,624.00	24,635.93		422,259.93
15-Jul-27	2,387,698.00	397,624.00	2,785,322.00	24,635.93		2,809,957.93
15-Jan-28	0.00	368,720.91	368,720.91	22,845.16		391,566.07
15-Jul-28	2,446,213.00	368,720.91	2,814,933.91	22,845.16		2,837,779.07
15-Jan-29	0.00	339,109.50	339,109.50	21,010.50		360,120.00
15-Jul-29	2,506,161.00	339,109.50	2,845,270.50	21,010.50		2,866,281.00
15-Jan-30	0.00	308,772.42	308,772.42	19,130.88		327,903.30
15-Jul-30	2,567,579.00	308,772.42	2,876,351.42	19,130.88		2,895,482.30
15-Jan-31	0.00	277,691.88	277,691.88	17,205.20		294,897.08
15-Jul-31	2,630,502.00	277,691.88	2,908,193.88	17,205.20		2,925,399.08
15-Jan-32	0.00	245,849.65	245,849.65	15,232.32		261,081.97
15-Jul-32	2,694,967.00	245,849.65	2,940,816.65	15,232.32		2,956,048.97
15-Jan-33	0.00	213,227.08	213,227.08	13,211.09		226,438.17
15-Jul-33	2,761,011.00	213,227.08	2,974,238.08	13,211.09		2,987,449.17
15-Jan-34	0.00	179,805.04	179,805.04	11,140.34		190,945.38
15-Jul-34	2,828,674.00	179,805.04	3,008,479.04	11,140.34		3,019,619.38
15-Jan-35	0.00	145,563.94	145,563.94	9,018.83		154,582.77
15-Jul-35	2,897,996.00	145,563.94	3,043,559.94	9,018.83		3,052,578.77
15-Jan-36	0.00	110,483.70	110,483.70	6,845.33		117,329.03
15-Jul-36	2,969,016.00	110,483.70	3,079,499.70	6,845.33		3,086,345.03
15-Jan-37	0.00	74,543.76	74,543.76	4,618.57		79,162.33
15-Jul-37	3,041,776.00	74,543.76	3,116,319.76	4,618.57		3,120,938.33
15-Jan-38	0.00	37,723.06	37,723.06	2,337.24		40,060.30
15-Jul-38	3,116,320.00	37,723.06	3,154,043.06	2,337.24		3,156,380.30
15-Jan-39	0.00	0.00	0.00	0.00		0.00
15-Jul-39	0.00	0.00	0.00	0.00		0.00
15-Jan-40	0.00	0.00	0.00	0.00		0.00
	$67,548,409.00	$27,072,888.70	$94,621,297.70	$1,695,109.85	$420,826.59	$96,737,234.14

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
State Revolving Fund Bonds
Series 14

SCHEDULE C

MWRA
CW-08-13

Final Structuring Analysis

Loan Interest Rate	2.00%

Schedule of Loan Repayments

Remaining Loan Obligation:	$7,000,000.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.07500%	Origination Fee	Due
18-Mar-09						
15-Jul-09	$460,363.00	$45,500.00	$505,863.00	$5,250.00	43,610.00	$554,723.00
15-Jan-10	0.00	65,396.37	65,396.37	4,904.73		70,301.10
15-Jul-10	444,916.00	65,396.37	510,312.37	4,904.73		515,217.10
15-Jan-11	0.00	60,947.21	60,947.21	4,571.04		65,518.25
15-Jul-11	453,904.00	60,947.21	514,851.21	4,571.04		519,422.25
15-Jan-12	0.00	56,408.17	56,408.17	4,230.61		60,638.78
15-Jul-12	463,074.00	56,408.17	519,482.17	4,230.61		523,712.78
15-Jan-13	0.00	51,777.43	51,777.43	3,883.31		55,660.74
15-Jul-13	472,429.00	51,777.43	524,206.43	3,883.31		528,089.74
15-Jan-14	0.00	47,053.14	47,053.14	3,528.99		50,582.13
15-Jul-14	481,973.00	47,053.14	529,026.14	3,528.99		532,555.13
15-Jan-15	0.00	42,233.41	42,233.41	3,167.51		45,400.92
15-Jul-15	491,710.00	42,233.41	533,943.41	3,167.51		537,110.92
15-Jan-16	0.00	37,316.31	37,316.31	2,798.72		40,115.03
15-Jul-16	501,643.00	37,316.31	538,959.31	2,798.72		541,758.03
15-Jan-17	0.00	32,299.88	32,299.88	2,422.49		34,722.37
15-Jul-17	511,777.00	32,299.88	544,076.88	2,422.49		546,499.37
15-Jan-18	0.00	27,182.11	27,182.11	2,038.66		29,220.77
15-Jul-18	522,116.00	27,182.11	549,298.11	2,038.66		551,336.77
15-Jan-19	0.00	21,960.95	21,960.95	1,647.07		23,608.02
15-Jul-19	532,664.00	21,960.95	554,624.95	1,647.07		556,272.02
15-Jan-20	0.00	16,634.31	16,634.31	1,247.57		17,881.88
15-Jul-20	543,425.00	16,634.31	560,059.31	1,247.57		561,306.88
15-Jan-21	0.00	11,200.06	11,200.06	840.00		12,040.06
15-Jul-21	554,403.00	11,200.06	565,603.06	840.00		566,443.06
15-Jan-22	0.00	5,656.03	5,656.03	424.20		6,080.23
15-Jul-22	565,603.00	5,656.03	571,259.03	424.20		571,683.23
15-Jan-23	0.00	0.00	0.00	0.00		0.00
15-Jul-23	0.00	0.00	0.00	0.00		0.00
15-Jan-24	0.00	0.00	0.00	0.00		0.00
15-Jul-24	0.00	0.00	0.00	0.00		0.00
15-Jan-25	0.00	0.00	0.00	0.00		0.00
15-Jul-25	0.00	0.00	0.00	0.00		0.00
15-Jan-26	0.00	0.00	0.00	0.00		0.00
15-Jul-26	0.00	0.00	0.00	0.00		0.00
15-Jan-27	0.00	0.00	0.00	0.00		0.00
15-Jul-27	0.00	0.00	0.00	0.00		0.00
15-Jan-28	0.00	0.00	0.00	0.00		0.00
15-Jul-28	0.00	0.00	0.00	0.00		0.00
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
15-Jul-38	0.00	0.00	0.00	0.00		0.00
15-Jan-39	0.00	0.00	0.00	0.00		0.00
15-Jul-39	0.00	0.00	0.00	0.00		0.00
15-Jan-40	0.00	0.00	0.00	0.00		0.00
	$7,000,000.00	$997,630.76	$7,997,630.76	$76,659.80	$43,610.00	$8,117,900.56

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
State Revolving Fund Bonds
Series 14

SCHEDULE C

MWRA
DW-08-03

Final Structuring Analysis

Loan Interest Rate	2.00%

Schedule of Loan Repayments

Initial Loan Obligation:	$300,000.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.07500%	Origination Fee	Due
18-Mar-09						
15-Jul-09	$13,319.00	$1,950.00	$15,269.00	$225.00	1,869.00	$17,363.00
15-Jan-10	0.00	2,866.81	2,866.81	215.01		3,081.82
15-Jul-10	12,528.00	2,866.81	15,394.81	215.01		15,609.82
15-Jan-11	0.00	2,741.53	2,741.53	205.61		2,947.14
15-Jul-11	12,781.00	2,741.53	15,522.53	205.61		15,728.14
15-Jan-12	0.00	2,613.72	2,613.72	196.03		2,809.75
15-Jul-12	13,039.00	2,613.72	15,652.72	196.03		15,848.75
15-Jan-13	0.00	2,483.33	2,483.33	186.25		2,669.58
15-Jul-13	13,302.00	2,483.33	15,785.33	186.25		15,971.58
15-Jan-14	0.00	2,350.31	2,350.31	176.27		2,526.58
15-Jul-14	13,571.00	2,350.31	15,921.31	176.27		16,097.58
15-Jan-15	0.00	2,214.60	2,214.60	166.10		2,380.70
15-Jul-15	13,845.00	2,214.60	16,059.60	166.10		16,225.70
15-Jan-16	0.00	2,076.15	2,076.15	155.71		2,231.86
15-Jul-16	14,125.00	2,076.15	16,201.15	155.71		16,356.86
15-Jan-17	0.00	1,934.90	1,934.90	145.12		2,080.02
15-Jul-17	14,410.00	1,934.90	16,344.90	145.12		16,490.02
15-Jan-18	0.00	1,790.80	1,790.80	134.31		1,925.11
15-Jul-18	14,701.00	1,790.80	16,491.80	134.31		16,626.11
15-Jan-19	0.00	1,643.79	1,643.79	123.28		1,767.07
15-Jul-19	14,998.00	1,643.79	16,641.79	123.28		16,765.07
15-Jan-20	0.00	1,493.81	1,493.81	112.04		1,605.85
15-Jul-20	15,301.00	1,493.81	16,794.81	112.04		16,906.85
15-Jan-21	0.00	1,340.80	1,340.80	100.56		1,441.36
15-Jul-21	15,610.00	1,340.80	16,950.80	100.56		17,051.36
15-Jan-22	0.00	1,184.70	1,184.70	88.85		1,273.55
15-Jul-22	15,926.00	1,184.70	17,110.70	88.85		17,199.55
15-Jan-23	0.00	1,025.44	1,025.44	76.91		1,102.35
15-Jul-23	16,248.00	1,025.44	17,273.44	76.91		17,350.35
15-Jan-24	0.00	862.96	862.96	64.72		927.68
15-Jul-24	16,576.00	862.96	17,438.96	64.72		17,503.68
15-Jan-25	0.00	697.20	697.20	52.29		749.49
15-Jul-25	16,911.00	697.20	17,608.20	52.29		17,660.49
15-Jan-26	0.00	528.09	528.09	39.61		567.70
15-Jul-26	17,252.00	528.09	17,780.09	39.61		17,819.70
15-Jan-27	0.00	355.57	355.57	26.67		382.24
15-Jul-27	17,601.00	355.57	17,956.57	26.67		17,983.24
15-Jan-28	0.00	179.56	179.56	13.47		193.03
15-Jul-28	17,956.00	179.56	18,135.56	13.47		18,149.03
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
15-Jul-38	0.00	0.00	0.00	0.00		0.00
15-Jan-39	0.00	0.00	0.00	0.00		0.00
15-Jul-39	0.00	0.00	0.00	0.00		0.00
15-Jan-40	0.00	0.00	0.00	0.00		0.00
	$300,000.00	$62,718.14	$362,718.14	$4,782.62	$1,869.00	$369,369.76

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
State Revolving Fund Bonds
Series 14

SCHEDULE C

MWRA
DW-08-04

Final Structuring Analysis

Loan Interest Rate	2.00%

Schedule of Loan Repayments

Initial Loan Obligation:	$200,000.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.07500%	Origination Fee	Due
18-Mar-09						
15-Jul-09	$8,879.00	$1,300.00	$10,179.00	$150.00	1,246.00	$11,575.00
15-Jan-10	0.00	1,911.21	1,911.21	143.34		2,054.55
15-Jul-10	8,352.00	1,911.21	10,263.21	143.34		10,406.55
15-Jan-11	0.00	1,827.69	1,827.69	137.08		1,964.77
15-Jul-11	8,520.00	1,827.69	10,347.69	137.08		10,484.77
15-Jan-12	0.00	1,742.49	1,742.49	130.69		1,873.18
15-Jul-12	8,693.00	1,742.49	10,435.49	130.69		10,566.18
15-Jan-13	0.00	1,655.56	1,655.56	124.17		1,779.73
15-Jul-13	8,868.00	1,655.56	10,523.56	124.17		10,647.73
15-Jan-14	0.00	1,566.88	1,566.88	117.52		1,684.40
15-Jul-14	9,047.00	1,566.88	10,613.88	117.52		10,731.40
15-Jan-15	0.00	1,476.41	1,476.41	110.73		1,587.14
15-Jul-15	9,230.00	1,476.41	10,706.41	110.73		10,817.14
15-Jan-16	0.00	1,384.11	1,384.11	103.81		1,487.92
15-Jul-16	9,417.00	1,384.11	10,801.11	103.81		10,904.92
15-Jan-17	0.00	1,289.94	1,289.94	96.75		1,386.69
15-Jul-17	9,607.00	1,289.94	10,896.94	96.75		10,993.69
15-Jan-18	0.00	1,193.87	1,193.87	89.54		1,283.41
15-Jul-18	9,801.00	1,193.87	10,994.87	89.54		11,084.41
15-Jan-19	0.00	1,095.86	1,095.86	82.19		1,178.05
15-Jul-19	9,999.00	1,095.86	11,094.86	82.19		11,177.05
15-Jan-20	0.00	995.87	995.87	74.69		1,070.56
15-Jul-20	10,201.00	995.87	11,196.87	74.69		11,271.56
15-Jan-21	0.00	893.86	893.86	67.04		960.90
15-Jul-21	10,407.00	893.86	11,300.86	67.04		11,367.90
15-Jan-22	0.00	789.79	789.79	59.23		849.02
15-Jul-22	10,617.00	789.79	11,406.79	59.23		11,466.02
15-Jan-23	0.00	683.62	683.62	51.27		734.89
15-Jul-23	10,832.00	683.62	11,515.62	51.27		11,566.89
15-Jan-24	0.00	575.30	575.30	43.15		618.45
15-Jul-24	11,050.00	575.30	11,625.30	43.15		11,668.45
15-Jan-25	0.00	464.80	464.80	34.86		499.66
15-Jul-25	11,274.00	464.80	11,738.80	34.86		11,773.66
15-Jan-26	0.00	352.06	352.06	26.40		378.46
15-Jul-26	11,501.00	352.06	11,853.06	26.40		11,879.46
15-Jan-27	0.00	237.05	237.05	17.78		254.83
15-Jul-27	11,734.00	237.05	11,971.05	17.78		11,988.83
15-Jan-28	0.00	119.71	119.71	8.98		128.69
15-Jul-28	11,971.00	119.71	12,090.71	8.98		12,099.69
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
15-Jul-38	0.00	0.00	0.00	0.00		0.00
15-Jan-39	0.00	0.00	0.00	0.00		0.00
15-Jul-39	0.00	0.00	0.00	0.00		0.00
15-Jan-40	0.00	0.00	0.00	0.00		0.00
	$200,000.00	$41,812.16	$241,812.16	$3,188.44	$1,246.00	$246,246.60

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
State Revolving Fund Bonds
Series 14

SCHEDULE C

MWRA
DW-08-05

Final Structuring Analysis

Loan Interest Rate	2.00%

Schedule of Loan Repayments

Initial Loan Obligation:	$13,367,720.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.07500%	Origination Fee	Due
18-Mar-09						
15-Jul-09	$593,487.00	$86,890.18	$680,377.18	$10,025.79	83,280.90	$773,683.87
15-Jan-10	0.00	127,742.33	127,742.33	9,580.67		137,323.00
15-Jul-10	558,217.00	127,742.33	685,959.33	9,580.67		695,540.00
15-Jan-11	0.00	122,160.16	122,160.16	9,162.01		131,322.17
15-Jul-11	569,494.00	122,160.16	691,654.16	9,162.01		700,816.17
15-Jan-12	0.00	116,465.22	116,465.22	8,734.89		125,200.11
15-Jul-12	580,999.00	116,465.22	697,464.22	8,734.89		706,199.11
15-Jan-13	0.00	110,655.23	110,655.23	8,299.14		118,954.37
15-Jul-13	592,736.00	110,655.23	703,391.23	8,299.14		711,690.37
15-Jan-14	0.00	104,727.87	104,727.87	7,854.59		112,582.46
15-Jul-14	604,710.00	104,727.87	709,437.87	7,854.59		717,292.46
15-Jan-15	0.00	98,680.77	98,680.77	7,401.06		106,081.83
15-Jul-15	616,927.00	98,680.77	715,607.77	7,401.06		723,008.83
15-Jan-16	0.00	92,511.50	92,511.50	6,938.36		99,449.86
15-Jul-16	629,390.00	92,511.50	721,901.50	6,938.36		728,839.86
15-Jan-17	0.00	86,217.60	86,217.60	6,466.32		92,683.92
15-Jul-17	642,105.00	86,217.60	728,322.60	6,466.32		734,788.92
15-Jan-18	0.00	79,796.55	79,796.55	5,984.74		85,781.29
15-Jul-18	655,077.00	79,796.55	734,873.55	5,984.74		740,858.29
15-Jan-19	0.00	73,245.78	73,245.78	5,493.43		78,739.21
15-Jul-19	668,311.00	73,245.78	741,556.78	5,493.43		747,050.21
15-Jan-20	0.00	66,562.67	66,562.67	4,992.20		71,554.87
15-Jul-20	681,812.00	66,562.67	748,374.67	4,992.20		753,366.87
15-Jan-21	0.00	59,744.55	59,744.55	4,480.84		64,225.39
15-Jul-21	695,586.00	59,744.55	755,330.55	4,480.84		759,811.39
15-Jan-22	0.00	52,788.69	52,788.69	3,959.15		56,747.84
15-Jul-22	709,638.00	52,788.69	762,426.69	3,959.15		766,385.84
15-Jan-23	0.00	45,692.31	45,692.31	3,426.92		49,119.23
15-Jul-23	723,974.00	45,692.31	769,666.31	3,426.92		773,093.23
15-Jan-24	0.00	38,452.57	38,452.57	2,883.94		41,336.51
15-Jul-24	738,600.00	38,452.57	777,052.57	2,883.94		779,936.51
15-Jan-25	0.00	31,066.57	31,066.57	2,329.99		33,396.56
15-Jul-25	753,521.00	31,066.57	784,587.57	2,329.99		786,917.56
15-Jan-26	0.00	23,531.36	23,531.36	1,764.85		25,296.21
15-Jul-26	768,744.00	23,531.36	792,275.36	1,764.85		794,040.21
15-Jan-27	0.00	15,843.92	15,843.92	1,188.29		17,032.21
15-Jul-27	784,274.00	15,843.92	800,117.92	1,188.29		801,306.21
15-Jan-28	0.00	8,001.18	8,001.18	600.09		8,601.27
15-Jul-28	800,118.00	8,001.18	808,119.18	600.09		808,719.27
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
15-Jul-38	0.00	0.00	0.00	0.00		0.00
15-Jan-39	0.00	0.00	0.00	0.00		0.00
15-Jul-39	0.00	0.00	0.00	0.00		0.00
15-Jan-40	0.00	0.00	0.00	0.00		0.00
	$13,367,720.00	$2,794,663.84	$16,162,383.84	$213,108.75	$83,280.90	$16,458,773.49

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
State Revolving Fund Bonds
Series 14

SCHEDULE C

MWRA
DW-08-06

Final Structuring Analysis

Loan Interest Rate	2.00%

Schedule of Loan Repayments

Initial Loan Obligation:	$2,800,000.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.07500%	Origination Fee	Due
18-Mar-09						
15-Jul-09	$124,312.00	$18,200.00	$142,512.00	$2,100.00	17,444.00	$162,056.00
15-Jan-10	0.00	26,756.88	26,756.88	2,006.77		28,763.65
15-Jul-10	116,924.00	26,756.88	143,680.88	2,006.77		145,687.65
15-Jan-11	0.00	25,587.64	25,587.64	1,919.07		27,506.71
15-Jul-11	119,286.00	25,587.64	144,873.64	1,919.07		146,792.71
15-Jan-12	0.00	24,394.78	24,394.78	1,829.61		26,224.39
15-Jul-12	121,696.00	24,394.78	146,090.78	1,829.61		147,920.39
15-Jan-13	0.00	23,177.82	23,177.82	1,738.34		24,916.16
15-Jul-13	124,154.00	23,177.82	147,331.82	1,738.34		149,070.16
15-Jan-14	0.00	21,936.28	21,936.28	1,645.22		23,581.50
15-Jul-14	126,663.00	21,936.28	148,599.28	1,645.22		150,244.50
15-Jan-15	0.00	20,669.65	20,669.65	1,550.22		22,219.87
15-Jul-15	129,221.00	20,669.65	149,890.65	1,550.22		151,440.87
15-Jan-16	0.00	19,377.44	19,377.44	1,453.31		20,830.75
15-Jul-16	131,832.00	19,377.44	151,209.44	1,453.31		152,662.75
15-Jan-17	0.00	18,059.12	18,059.12	1,354.43		19,413.55
15-Jul-17	134,495.00	18,059.12	152,554.12	1,354.43		153,908.55
15-Jan-18	0.00	16,714.17	16,714.17	1,253.56		17,967.73
15-Jul-18	137,212.00	16,714.17	153,926.17	1,253.56		155,179.73
15-Jan-19	0.00	15,342.05	15,342.05	1,150.65		16,492.70
15-Jul-19	139,984.00	15,342.05	155,326.05	1,150.65		156,476.70
15-Jan-20	0.00	13,942.21	13,942.21	1,045.67		14,987.88
15-Jul-20	142,812.00	13,942.21	156,754.21	1,045.67		157,799.88
15-Jan-21	0.00	12,514.09	12,514.09	938.56		13,452.65
15-Jul-21	145,697.00	12,514.09	158,211.09	938.56		159,149.65
15-Jan-22	0.00	11,057.12	11,057.12	829.28		11,886.40
15-Jul-22	148,641.00	11,057.12	159,698.12	829.28		160,527.40
15-Jan-23	0.00	9,570.71	9,570.71	717.80		10,288.51
15-Jul-23	151,644.00	9,570.71	161,214.71	717.80		161,932.51
15-Jan-24	0.00	8,054.27	8,054.27	604.07		8,658.34
15-Jul-24	154,707.00	8,054.27	162,761.27	604.07		163,365.34
15-Jan-25	0.00	6,507.20	6,507.20	488.04		6,995.24
15-Jul-25	157,832.00	6,507.20	164,339.20	488.04		164,827.24
15-Jan-26	0.00	4,928.88	4,928.88	369.67		5,298.55
15-Jul-26	161,021.00	4,928.88	165,949.88	369.67		166,319.55
15-Jan-27	0.00	3,318.67	3,318.67	248.90		3,567.57
15-Jul-27	164,274.00	3,318.67	167,592.67	248.90		167,841.57
15-Jan-28	0.00	1,675.93	1,675.93	125.69		1,801.62
15-Jul-28	167,593.00	1,675.93	169,268.93	125.69		169,394.62
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
15-Jul-38	0.00	0.00	0.00	0.00		0.00
15-Jan-39	0.00	0.00	0.00	0.00		0.00
15-Jul-39	0.00	0.00	0.00	0.00		0.00
15-Jan-40	0.00	0.00	0.00	0.00		0.00
	$2,800,000.00	$585,369.82	$3,385,369.82	$44,637.72	$17,444.00	$3,447,451.54

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
State Revolving Fund Bonds
Series 14

SCHEDULE C

MWRA
DW-08-07-A

Final Structuring Analysis

Loan Interest Rate	2.00%

Schedule of Loan Repayments

Initial Loan Obligation:	$12,890,351.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.07500%	Origination Fee	Due
18-Mar-09						
15-Jul-09	$572,293.00	$83,787.28	$656,080.28	$9,667.76	80,306.89	$746,054.93
15-Jan-10	0.00	123,180.58	123,180.58	9,238.54		132,419.12
15-Jul-10	538,282.00	123,180.58	661,462.58	9,238.54		670,701.12
15-Jan-11	0.00	117,797.76	117,797.76	8,834.83		126,632.59
15-Jul-11	549,157.00	117,797.76	666,954.76	8,834.83		675,789.59
15-Jan-12	0.00	112,306.19	112,306.19	8,422.96		120,729.15
15-Jul-12	560,251.00	112,306.19	672,557.19	8,422.96		680,980.15
15-Jan-13	0.00	106,703.68	106,703.68	8,002.78		114,706.46
15-Jul-13	571,569.00	106,703.68	678,272.68	8,002.78		686,275.46
15-Jan-14	0.00	100,987.99	100,987.99	7,574.10		108,562.09
15-Jul-14	583,116.00	100,987.99	684,103.99	7,574.10		691,678.09
15-Jan-15	0.00	95,156.83	95,156.83	7,136.76		102,293.59
15-Jul-15	594,896.00	95,156.83	690,052.83	7,136.76		697,189.59
15-Jan-16	0.00	89,207.87	89,207.87	6,690.59		95,898.46
15-Jul-16	606,914.00	89,207.87	696,121.87	6,690.59		702,812.46
15-Jan-17	0.00	83,138.73	83,138.73	6,235.40		89,374.13
15-Jul-17	619,175.00	83,138.73	702,313.73	6,235.40		708,549.13
15-Jan-18	0.00	76,946.98	76,946.98	5,771.02		82,718.00
15-Jul-18	631,684.00	76,946.98	708,630.98	5,771.02		714,402.00
15-Jan-19	0.00	70,630.14	70,630.14	5,297.26		75,927.40
15-Jul-19	644,445.00	70,630.14	715,075.14	5,297.26		720,372.40
15-Jan-20	0.00	64,185.69	64,185.69	4,813.93		68,999.62
15-Jul-20	657,464.00	64,185.69	721,649.69	4,813.93		726,463.62
15-Jan-21	0.00	57,611.05	57,611.05	4,320.83		61,931.88
15-Jul-21	670,746.00	57,611.05	728,357.05	4,320.83		732,677.88
15-Jan-22	0.00	50,903.59	50,903.59	3,817.77		54,721.36
15-Jul-22	684,297.00	50,903.59	735,200.59	3,817.77		739,018.36
15-Jan-23	0.00	44,060.62	44,060.62	3,304.55		47,365.17
15-Jul-23	698,121.00	44,060.62	742,181.62	3,304.55		745,486.17
15-Jan-24	0.00	37,079.41	37,079.41	2,780.96		39,860.37
15-Jul-24	712,224.00	37,079.41	749,303.41	2,780.96		752,084.37
15-Jan-25	0.00	29,957.17	29,957.17	2,246.79		32,203.96
15-Jul-25	726,613.00	29,957.17	756,570.17	2,246.79		758,816.96
15-Jan-26	0.00	22,691.04	22,691.04	1,701.83		24,392.87
15-Jul-26	741,292.00	22,691.04	763,983.04	1,701.83		765,684.87
15-Jan-27	0.00	15,278.12	15,278.12	1,145.86		16,423.98
15-Jul-27	756,267.00	15,278.12	771,545.12	1,145.86		772,690.98
15-Jan-28	0.00	7,715.45	7,715.45	578.66		8,294.11
15-Jul-28	771,545.00	7,715.45	779,260.45	578.66		779,839.11
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
15-Jul-38	0.00	0.00	0.00	0.00		0.00
15-Jan-39	0.00	0.00	0.00	0.00		0.00
15-Jul-39	0.00	0.00	0.00	0.00		0.00
15-Jan-40	0.00	0.00	0.00	0.00		0.00
	$12,890,351.00	$2,694,865.06	$15,585,216.06	$205,498.60	$80,306.89	$15,871,021.55

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
State Revolving Fund Bonds
Series 14

SCHEDULE C

MWRA
DW-08-08

Final Structuring Analysis

Loan Interest Rate	2.00%

Schedule of Loan Repayments

Initial Loan Obligation:	$300,000.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.07500%	Origination Fee	Due
18-Mar-09						
15-Jul-09	$13,319.00	$1,950.00	$15,269.00	$225.00	1,869.00	$17,363.00
15-Jan-10	0.00	2,866.81	2,866.81	215.01		3,081.82
15-Jul-10	12,528.00	2,866.81	15,394.81	215.01		15,609.82
15-Jan-11	0.00	2,741.53	2,741.53	205.61		2,947.14
15-Jul-11	12,781.00	2,741.53	15,522.53	205.61		15,728.14
15-Jan-12	0.00	2,613.72	2,613.72	196.03		2,809.75
15-Jul-12	13,039.00	2,613.72	15,652.72	196.03		15,848.75
15-Jan-13	0.00	2,483.33	2,483.33	186.25		2,669.58
15-Jul-13	13,302.00	2,483.33	15,785.33	186.25		15,971.58
15-Jan-14	0.00	2,350.31	2,350.31	176.27		2,526.58
15-Jul-14	13,571.00	2,350.31	15,921.31	176.27		16,097.58
15-Jan-15	0.00	2,214.60	2,214.60	166.10		2,380.70
15-Jul-15	13,845.00	2,214.60	16,059.60	166.10		16,225.70
15-Jan-16	0.00	2,076.15	2,076.15	155.71		2,231.86
15-Jul-16	14,125.00	2,076.15	16,201.15	155.71		16,356.86
15-Jan-17	0.00	1,934.90	1,934.90	145.12		2,080.02
15-Jul-17	14,410.00	1,934.90	16,344.90	145.12		16,490.02
15-Jan-18	0.00	1,790.80	1,790.80	134.31		1,925.11
15-Jul-18	14,701.00	1,790.80	16,491.80	134.31		16,626.11
15-Jan-19	0.00	1,643.79	1,643.79	123.28		1,767.07
15-Jul-19	14,998.00	1,643.79	16,641.79	123.28		16,765.07
15-Jan-20	0.00	1,493.81	1,493.81	112.04		1,605.85
15-Jul-20	15,301.00	1,493.81	16,794.81	112.04		16,906.85
15-Jan-21	0.00	1,340.80	1,340.80	100.56		1,441.36
15-Jul-21	15,610.00	1,340.80	16,950.80	100.56		17,051.36
15-Jan-22	0.00	1,184.70	1,184.70	88.85		1,273.55
15-Jul-22	15,926.00	1,184.70	17,110.70	88.85		17,199.55
15-Jan-23	0.00	1,025.44	1,025.44	76.91		1,102.35
15-Jul-23	16,248.00	1,025.44	17,273.44	76.91		17,350.35
15-Jan-24	0.00	862.96	862.96	64.72		927.68
15-Jul-24	16,576.00	862.96	17,438.96	64.72		17,503.68
15-Jan-25	0.00	697.20	697.20	52.29		749.49
15-Jul-25	16,911.00	697.20	17,608.20	52.29		17,660.49
15-Jan-26	0.00	528.09	528.09	39.61		567.70
15-Jul-26	17,252.00	528.09	17,780.09	39.61		17,819.70
15-Jan-27	0.00	355.57	355.57	26.67		382.24
15-Jul-27	17,601.00	355.57	17,956.57	26.67		17,983.24
15-Jan-28	0.00	179.56	179.56	13.47		193.03
15-Jul-28	17,956.00	179.56	18,135.56	13.47		18,149.03
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
15-Jul-38	0.00	0.00	0.00	0.00		0.00
15-Jan-39	0.00	0.00	0.00	0.00		0.00
15-Jul-39	0.00	0.00	0.00	0.00		0.00
15-Jan-40	0.00	0.00	0.00	0.00		0.00
	$300,000.00	$62,718.14	$362,718.14	$4,782.62	$1,869.00	$369,369.76

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
State Revolving Fund Bonds
Series 14

SCHEDULE C

MWRA
DW-08-09

Final Structuring Analysis

Loan Interest Rate	2.00%

Schedule of Loan Repayments

Initial Loan Obligation:	$300,000.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.07500%	Origination Fee	Due
18-Mar-09						
15-Jul-09	$13,319.00	$1,950.00	$15,269.00	$225.00	1,869.00	$17,363.00
15-Jan-10	0.00	2,866.81	2,866.81	215.01		3,081.82
15-Jul-10	12,528.00	2,866.81	15,394.81	215.01		15,609.82
15-Jan-11	0.00	2,741.53	2,741.53	205.61		2,947.14
15-Jul-11	12,781.00	2,741.53	15,522.53	205.61		15,728.14
15-Jan-12	0.00	2,613.72	2,613.72	196.03		2,809.75
15-Jul-12	13,039.00	2,613.72	15,652.72	196.03		15,848.75
15-Jan-13	0.00	2,483.33	2,483.33	186.25		2,669.58
15-Jul-13	13,302.00	2,483.33	15,785.33	186.25		15,971.58
15-Jan-14	0.00	2,350.31	2,350.31	176.27		2,526.58
15-Jul-14	13,571.00	2,350.31	15,921.31	176.27		16,097.58
15-Jan-15	0.00	2,214.60	2,214.60	166.10		2,380.70
15-Jul-15	13,845.00	2,214.60	16,059.60	166.10		16,225.70
15-Jan-16	0.00	2,076.15	2,076.15	155.71		2,231.86
15-Jul-16	14,125.00	2,076.15	16,201.15	155.71		16,356.86
15-Jan-17	0.00	1,934.90	1,934.90	145.12		2,080.02
15-Jul-17	14,410.00	1,934.90	16,344.90	145.12		16,490.02
15-Jan-18	0.00	1,790.80	1,790.80	134.31		1,925.11
15-Jul-18	14,701.00	1,790.80	16,491.80	134.31		16,626.11
15-Jan-19	0.00	1,643.79	1,643.79	123.28		1,767.07
15-Jul-19	14,998.00	1,643.79	16,641.79	123.28		16,765.07
15-Jan-20	0.00	1,493.81	1,493.81	112.04		1,605.85
15-Jul-20	15,301.00	1,493.81	16,794.81	112.04		16,906.85
15-Jan-21	0.00	1,340.80	1,340.80	100.56		1,441.36
15-Jul-21	15,610.00	1,340.80	16,950.80	100.56		17,051.36
15-Jan-22	0.00	1,184.70	1,184.70	88.85		1,273.55
15-Jul-22	15,926.00	1,184.70	17,110.70	88.85		17,199.55
15-Jan-23	0.00	1,025.44	1,025.44	76.91		1,102.35
15-Jul-23	16,248.00	1,025.44	17,273.44	76.91		17,350.35
15-Jan-24	0.00	862.96	862.96	64.72		927.68
15-Jul-24	16,576.00	862.96	17,438.96	64.72		17,503.68
15-Jan-25	0.00	697.20	697.20	52.29		749.49
15-Jul-25	16,911.00	697.20	17,608.20	52.29		17,660.49
15-Jan-26	0.00	528.09	528.09	39.61		567.70
15-Jul-26	17,252.00	528.09	17,780.09	39.61		17,819.70
15-Jan-27	0.00	355.57	355.57	26.67		382.24
15-Jul-27	17,601.00	355.57	17,956.57	26.67		17,983.24
15-Jan-28	0.00	179.56	179.56	13.47		193.03
15-Jul-28	17,956.00	179.56	18,135.56	13.47		18,149.03
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
15-Jul-38	0.00	0.00	0.00	0.00		0.00
15-Jan-39	0.00	0.00	0.00	0.00		0.00
15-Jul-39	0.00	0.00	0.00	0.00		0.00
15-Jan-40	0.00	0.00	0.00	0.00		0.00
	$300,000.00	$62,718.14	$362,718.14	$4,782.62	$1,869.00	$369,369.76

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
State Revolving Fund Bonds
Series 14

SCHEDULE C

MWRA
DW-08-10

Final Structuring Analysis

Loan Interest Rate	2.00%

Schedule of Loan Repayments

Initial Loan Obligation:	$300,000.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.07500%	Origination Fee	Due
18-Mar-09						
15-Jul-09	$13,319.00	$1,950.00	$15,269.00	$225.00	1,869.00	$17,363.00
15-Jan-10	0.00	2,866.81	2,866.81	215.01		3,081.82
15-Jul-10	12,528.00	2,866.81	15,394.81	215.01		15,609.82
15-Jan-11	0.00	2,741.53	2,741.53	205.61		2,947.14
15-Jul-11	12,781.00	2,741.53	15,522.53	205.61		15,728.14
15-Jan-12	0.00	2,613.72	2,613.72	196.03		2,809.75
15-Jul-12	13,039.00	2,613.72	15,652.72	196.03		15,848.75
15-Jan-13	0.00	2,483.33	2,483.33	186.25		2,669.58
15-Jul-13	13,302.00	2,483.33	15,785.33	186.25		15,971.58
15-Jan-14	0.00	2,350.31	2,350.31	176.27		2,526.58
15-Jul-14	13,571.00	2,350.31	15,921.31	176.27		16,097.58
15-Jan-15	0.00	2,214.60	2,214.60	166.10		2,380.70
15-Jul-15	13,845.00	2,214.60	16,059.60	166.10		16,225.70
15-Jan-16	0.00	2,076.15	2,076.15	155.71		2,231.86
15-Jul-16	14,125.00	2,076.15	16,201.15	155.71		16,356.86
15-Jan-17	0.00	1,934.90	1,934.90	145.12		2,080.02
15-Jul-17	14,410.00	1,934.90	16,344.90	145.12		16,490.02
15-Jan-18	0.00	1,790.80	1,790.80	134.31		1,925.11
15-Jul-18	14,701.00	1,790.80	16,491.80	134.31		16,626.11
15-Jan-19	0.00	1,643.79	1,643.79	123.28		1,767.07
15-Jul-19	14,998.00	1,643.79	16,641.79	123.28		16,765.07
15-Jan-20	0.00	1,493.81	1,493.81	112.04		1,605.85
15-Jul-20	15,301.00	1,493.81	16,794.81	112.04		16,906.85
15-Jan-21	0.00	1,340.80	1,340.80	100.56		1,441.36
15-Jul-21	15,610.00	1,340.80	16,950.80	100.56		17,051.36
15-Jan-22	0.00	1,184.70	1,184.70	88.85		1,273.55
15-Jul-22	15,926.00	1,184.70	17,110.70	88.85		17,199.55
15-Jan-23	0.00	1,025.44	1,025.44	76.91		1,102.35
15-Jul-23	16,248.00	1,025.44	17,273.44	76.91		17,350.35
15-Jan-24	0.00	862.96	862.96	64.72		927.68
15-Jul-24	16,576.00	862.96	17,438.96	64.72		17,503.68
15-Jan-25	0.00	697.20	697.20	52.29		749.49
15-Jul-25	16,911.00	697.20	17,608.20	52.29		17,660.49
15-Jan-26	0.00	528.09	528.09	39.61		567.70
15-Jul-26	17,252.00	528.09	17,780.09	39.61		17,819.70
15-Jan-27	0.00	355.57	355.57	26.67		382.24
15-Jul-27	17,601.00	355.57	17,956.57	26.67		17,983.24
15-Jan-28	0.00	179.56	179.56	13.47		193.03
15-Jul-28	17,956.00	179.56	18,135.56	13.47		18,149.03
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
15-Jul-38	0.00	0.00	0.00	0.00		0.00
15-Jan-39	0.00	0.00	0.00	0.00		0.00
15-Jul-39	0.00	0.00	0.00	0.00		0.00
15-Jan-40	0.00	0.00	0.00	0.00		0.00
	$300,000.00	$62,718.14	$362,718.14	$4,782.62	$1,869.00	$369,369.76

SWAPPED IN

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 13

MWRA
CW-08-06B

Schedule C

Final Loan Structuring Analysis

Schedule of Loan Repayments

Initial Loan Obligation:	$5,044,157.00

	Scheduled Loan Payments			Administrative Fee Payable @	Total
	Principal	Interest	Total	0.075%	Due
15-Dec-09					
15-Jan-10	0.00	8,406.93	8,406.93	630.52	9,037.45
15-Jul-10	240,191.00	50,441.57	290,632.57	3,783.12	294,415.69
15-Jan-11	0.00	48,039.66	48,039.66	3,602.97	51,642.63
15-Jul-11	244,957.00	48,039.66	292,996.66	3,602.97	296,599.63
15-Jan-12	0.00	45,590.09	45,590.09	3,419.26	49,009.35
15-Jul-12	249,820.00	45,590.09	295,410.09	3,419.26	298,829.35
15-Jan-13	0.00	43,091.89	43,091.89	3,231.89	46,323.78
15-Jul-13	254,782.00	43,091.89	297,873.89	3,231.89	301,105.78
15-Jan-14	0.00	40,544.07	40,544.07	3,040.81	43,584.88
15-Jul-14	259,843.00	40,544.07	300,387.07	3,040.81	303,427.88
15-Jan-15	0.00	37,945.64	37,945.64	2,845.92	40,791.56
15-Jul-15	265,006.00	37,945.64	302,951.64	2,845.92	305,797.56
15-Jan-16	0.00	35,295.58	35,295.58	2,647.17	37,942.75
15-Jul-16	270,275.00	35,295.58	305,570.58	2,647.17	308,217.75
15-Jan-17	0.00	32,592.83	32,592.83	2,444.46	35,037.29
15-Jul-17	275,648.00	32,592.83	308,240.83	2,444.46	310,685.29
15-Jan-18	0.00	29,836.35	29,836.35	2,237.73	32,074.08
15-Jul-18	279,965.00	29,836.35	309,801.35	2,237.73	312,039.08
15-Jan-19	0.00	27,036.70	27,036.70	2,027.75	29,064.45
15-Jul-19	285,534.00	27,036.70	312,570.70	2,027.75	314,598.45
15-Jan-20	0.00	24,181.36	24,181.36	1,813.60	25,994.96
15-Jul-20	291,217.00	24,181.36	315,398.36	1,813.60	317,211.96
15-Jan-21	0.00	21,269.19	21,269.19	1,595.19	22,864.38
15-Jul-21	292,768.00	21,269.19	314,037.19	1,595.19	315,632.38
15-Jan-22	0.00	18,341.51	18,341.51	1,375.61	19,717.12
15-Jul-22	298,682.00	18,341.51	317,023.51	1,375.61	318,399.12
15-Jan-23	0.00	15,354.69	15,354.69	1,151.60	16,506.29
15-Jul-23	304,716.00	15,354.69	320,070.69	1,151.60	321,222.29
15-Jan-24	0.00	12,307.53	12,307.53	923.06	13,230.59
15-Jul-24	310,872.00	12,307.53	323,179.53	923.06	324,102.59
15-Jan-25	0.00	9,198.81	9,198.81	689.91	9,888.72
15-Jul-25	300,515.00	9,198.81	309,713.81	689.91	310,403.72
15-Jan-26	0.00	6,193.66	6,193.66	464.52	6,658.18
15-Jul-26	306,586.00	6,193.66	312,779.66	464.52	313,244.18
15-Jan-27	0.00	3,127.80	3,127.80	234.59	3,362.39
15-Jul-27	312,780.00	3,127.80	315,907.80	234.59	316,142.39
15-Jan-28	0.00	0.00	0.00	0.00	0.00
15-Jul-28	0.00	0.00	0.00	0.00	0.00
15-Jan-29	0.00	0.00	0.00	0.00	0.00
15-Jul-29	0.00	0.00	0.00	0.00	0.00
15-Jan-30	0.00	0.00	0.00	0.00	0.00
15-Jul-30	0.00	0.00	0.00	0.00	0.00
15-Jan-31	0.00	0.00	0.00	0.00	0.00
15-Jul-31	0.00	0.00	0.00	0.00	0.00
15-Jan-32	0.00	0.00	0.00	0.00	0.00
15-Jul-32	0.00	0.00	0.00	0.00	0.00
15-Jan-33	0.00	0.00	0.00	0.00	0.00
15-Jul-33	0.00	0.00	0.00	0.00	0.00
15-Jan-34	0.00	0.00	0.00	0.00	0.00
15-Jul-34	0.00	0.00	0.00	0.00	0.00
15-Jan-35	0.00	0.00	0.00	0.00	0.00
15-Jul-35	0.00	0.00	0.00	0.00	0.00
15-Jan-36	0.00	0.00	0.00	0.00	0.00
15-Jul-36	0.00	0.00	0.00	0.00	0.00
15-Jan-37	0.00	0.00	0.00	0.00	0.00
15-Jul-37	0.00	0.00	0.00	0.00	0.00
	5,044,157.00	958,743.22	6,002,900.22	71,905.72	6,074,805.94

Swapped in

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 13

Schedule C

MWRA
CW-08-06C

Interest Rate:	2.307%

Final Loan Structuring Analysis

Schedule of Payments

Initial Principal Amount:	$5,956,456.00

	Scheduled Payments			Administrative Fee Payable @	Total
	Principal	Interest	Total	0.075%	Due
15-Dec-09					
15-Jan-10	0.00	11,982.40	11,982.40	744.56	12,726.96
15-Jul-10	150,683.00	71,894.43	222,577.43	4,467.34	227,044.77
15-Jan-11	0.00	70,075.69	70,075.69	4,354.33	74,430.02
15-Jul-11	154,365.00	70,075.69	224,440.69	4,354.33	228,795.02
15-Jan-12	0.00	68,212.50	68,212.50	4,238.56	72,451.06
15-Jul-12	158,137.00	68,212.50	226,349.50	4,238.56	230,588.06
15-Jan-13	0.00	66,303.78	66,303.78	4,119.95	70,423.73
15-Jul-13	162,001.00	66,303.78	228,304.78	4,119.95	232,424.73
15-Jan-14	0.00	64,348.43	64,348.43	3,998.45	68,346.88
15-Jul-14	165,959.00	64,348.43	230,307.43	3,998.45	234,305.88
15-Jan-15	0.00	62,345.31	62,345.31	3,873.98	66,219.29
15-Jul-15	170,015.00	62,345.31	232,360.31	3,873.98	236,234.29
15-Jan-16	0.00	60,293.23	60,293.23	3,746.47	64,039.70
15-Jul-16	174,169.00	60,293.23	234,462.23	3,746.47	238,208.70
15-Jan-17	0.00	58,191.01	58,191.01	3,615.85	61,806.86
15-Jul-17	178,425.00	58,191.01	236,616.01	3,615.85	240,231.86
15-Jan-18	0.00	56,037.42	56,037.42	3,482.03	59,519.45
15-Jul-18	182,785.00	56,037.42	238,822.42	3,482.03	242,304.45
15-Jan-19	0.00	53,831.21	53,831.21	3,344.94	57,176.15
15-Jul-19	187,251.00	53,831.21	241,082.21	3,344.94	244,427.15
15-Jan-20	0.00	51,571.09	51,571.09	3,204.50	54,775.59
15-Jul-20	191,826.00	51,571.09	243,397.09	3,204.50	246,601.59
15-Jan-21	0.00	49,255.75	49,255.75	3,060.63	52,316.38
15-Jul-21	196,514.00	49,255.75	245,769.75	3,060.63	248,830.38
15-Jan-22	0.00	46,883.84	46,883.84	2,913.24	49,797.08
15-Jul-22	201,316.00	46,883.84	248,199.84	2,913.24	251,113.08
15-Jan-23	0.00	44,453.95	44,453.95	2,762.26	47,216.21
15-Jul-23	206,235.00	44,453.95	250,688.95	2,762.26	253,451.21
15-Jan-24	0.00	41,964.70	41,964.70	2,607.58	44,572.28
15-Jul-24	211,274.00	41,964.70	253,238.70	2,607.58	255,846.28
15-Jan-25	0.00	39,414.62	39,414.62	2,449.13	41,863.75
15-Jul-25	216,437.00	39,414.62	255,851.62	2,449.13	258,300.75
15-Jan-26	0.00	36,802.24	36,802.24	2,286.80	39,089.04
15-Jul-26	221,726.00	36,802.24	258,528.24	2,286.80	260,815.04
15-Jan-27	0.00	34,126.01	34,126.01	2,120.50	36,246.51
15-Jul-27	227,143.00	34,126.01	261,269.01	2,120.50	263,389.51
15-Jan-28	0.00	31,384.40	31,384.40	1,950.15	33,334.55
15-Jul-28	232,693.00	31,384.40	264,077.40	1,950.15	266,027.55
15-Jan-29	0.00	28,575.80	28,575.80	1,775.63	30,351.43
15-Jul-29	238,379.00	28,575.80	266,954.80	1,775.63	268,730.43
15-Jan-30	0.00	25,698.56	25,698.56	1,596.84	27,295.40
15-Jul-30	244,204.00	25,698.56	269,902.56	1,596.84	271,499.40
15-Jan-31	0.00	22,751.03	22,751.03	1,413.69	24,164.72
15-Jul-31	250,171.00	22,751.03	272,922.03	1,413.69	274,335.72
15-Jan-32	0.00	19,731.47	19,731.47	1,226.06	20,957.53
15-Jul-32	256,284.00	19,731.47	276,015.47	1,226.06	277,241.53
15-Jan-33	0.00	16,638.12	16,638.12	1,033.85	17,671.97
15-Jul-33	262,546.00	16,638.12	279,184.12	1,033.85	280,217.97
15-Jan-34	0.00	13,469.20	13,469.20	836.94	14,306.14
15-Jul-34	268,960.00	13,469.20	282,429.20	836.94	283,266.14
15-Jan-35	0.00	10,222.84	10,222.84	635.22	10,858.06
15-Jul-35	275,532.00	10,222.84	285,754.84	635.22	286,390.06
15-Jan-36	0.00	6,897.16	6,897.16	428.57	7,325.73
15-Jul-36	282,265.00	6,897.16	289,162.16	428.57	289,590.73
15-Jan-37	0.00	3,490.20	3,490.20	216.87	3,707.07
15-Jul-37	289,161.00	3,490.20	292,651.20	216.87	292,868.07
	5,956,456.00	2,249,815.95	8,206,271.95	139,797.94	8,346,069.89

Swapped in

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 13

MWRA
DW-08-05A

Schedule C

Final Loan Structuring Analysis

Schedule of Loan Repayments

Initial Loan Obligation:	$1,265,392.00

	Scheduled Loan Repayments			Administrative Fee Payable @	Total
	Principal	Interest	Total	0.075%	Due
15-Dec-09					
15-Jan-10	0.00	4,404.95	4,404.95	158.17	4,563.12
15-Jul-10	58,993.00	12,653.92	71,646.92	949.04	72,595.96
15-Jan-11	0.00	12,063.99	12,063.99	904.80	12,968.79
15-Jul-11	60,183.00	12,063.99	72,246.99	904.80	73,151.79
15-Jan-12	0.00	11,462.16	11,462.16	859.66	12,321.82
15-Jul-12	61,398.00	11,462.16	72,860.16	859.66	73,719.82
15-Jan-13	0.00	10,848.18	10,848.18	813.61	11,661.79
15-Jul-13	62,638.00	10,848.18	73,486.18	813.61	74,299.79
15-Jan-14	0.00	10,221.80	10,221.80	766.64	10,988.44
15-Jul-14	63,904.00	10,221.80	74,125.80	766.64	74,892.44
15-Jan-15	0.00	9,582.76	9,582.76	718.71	10,301.47
15-Jul-15	65,196.00	9,582.76	74,778.76	718.71	75,497.47
15-Jan-16	0.00	8,930.80	8,930.80	669.81	9,600.61
15-Jul-16	66,512.00	8,930.80	75,442.80	669.81	76,112.61
15-Jan-17	0.00	8,265.68	8,265.68	619.93	8,885.61
15-Jul-17	67,856.00	8,265.68	76,121.68	619.93	76,741.61
15-Jan-18	0.00	7,587.12	7,587.12	569.03	8,156.15
15-Jul-18	69,226.00	7,587.12	76,813.12	569.03	77,382.15
15-Jan-19	0.00	6,894.86	6,894.86	517.11	7,411.97
15-Jul-19	70,625.00	6,894.86	77,519.86	517.11	78,036.97
15-Jan-20	0.00	6,188.61	6,188.61	464.15	6,652.76
15-Jul-20	72,052.00	6,188.61	78,240.61	464.15	78,704.76
15-Jan-21	0.00	5,468.09	5,468.09	410.11	5,878.20
15-Jul-21	73,507.00	5,468.09	78,975.09	410.11	79,385.20
15-Jan-22	0.00	4,733.02	4,733.02	354.98	5,088.00
15-Jul-22	74,993.00	4,733.02	79,726.02	354.98	80,081.00
15-Jan-23	0.00	3,983.09	3,983.09	298.73	4,281.82
15-Jul-23	76,507.00	3,983.09	80,490.09	298.73	80,788.82
15-Jan-24	0.00	3,218.02	3,218.02	241.35	3,459.37
15-Jul-24	78,053.00	3,218.02	81,271.02	241.35	81,512.37
15-Jan-25	0.00	2,437.49	2,437.49	182.81	2,620.30
15-Jul-25	79,630.00	2,437.49	82,067.49	182.81	82,250.30
15-Jan-26	0.00	1,641.19	1,641.19	123.09	1,764.28
15-Jul-26	81,239.00	1,641.19	82,880.19	123.09	83,003.28
15-Jan-27	0.00	828.80	828.80	62.16	890.96
15-Jul-27	82,880.00	828.80	83,708.80	62.16	83,770.96
15-Jan-28	0.00	0.00	0.00	0.00	0.00
15-Jul-28	0.00	0.00	0.00	0.00	0.00
15-Jan-29	0.00	0.00	0.00	0.00	0.00
15-Jul-29	0.00	0.00	0.00	0.00	0.00
15-Jan-30	0.00	0.00	0.00	0.00	0.00
15-Jul-30	0.00	0.00	0.00	0.00	0.00
15-Jan-31	0.00	0.00	0.00	0.00	0.00
15-Jul-31	0.00	0.00	0.00	0.00	0.00
15-Jan-32	0.00	0.00	0.00	0.00	0.00
15-Jul-32	0.00	0.00	0.00	0.00	0.00
15-Jan-33	0.00	0.00	0.00	0.00	0.00
15-Jul-33	0.00	0.00	0.00	0.00	0.00
15-Jan-34	0.00	0.00	0.00	0.00	0.00
15-Jul-34	0.00	0.00	0.00	0.00	0.00
15-Jan-35	0.00	0.00	0.00	0.00	0.00
15-Jul-35	0.00	0.00	0.00	0.00	0.00
15-Jan-36	0.00	0.00	0.00	0.00	0.00
15-Jul-36	0.00	0.00	0.00	0.00	0.00
15-Jan-37	0.00	0.00	0.00	0.00	0.00
15-Jul-37	0.00	0.00	0.00	0.00	0.00
	1,265,392.00	245,770.19	1,511,162.19	18,260.57	1,529,422.76

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 14

Schedule C

MWRA
CW-10-30-A

Loan Interest Rate	2.00%

Final Loan Structuring Analysis

Schedule of Loan Repayments

Initial Loan Obligation:	$2,725,200.00

	Scheduled Loan Payments			Administrative Fee Payable @	Total
	Principal	Interest	Total	0.075%	Due
15-Mar-11					
15-Jul-11	160,665.00	18,168.00	178,833.00	1,362.60	180,195.60
15-Jan-12	0.00	25,645.35	25,645.35	1,923.40	27,568.75
15-Jul-12	163,905.00	25,645.35	189,550.35	1,923.40	191,473.75
15-Jan-13	0.00	24,006.30	24,006.30	1,800.47	25,806.77
15-Jul-13	167,211.00	24,006.30	191,217.30	1,800.47	193,017.77
15-Jan-14	0.00	22,334.19	22,334.19	1,675.06	24,009.25
15-Jul-14	170,582.00	22,334.19	192,916.19	1,675.06	194,591.25
15-Jan-15	0.00	20,628.37	20,628.37	1,547.13	22,175.50
15-Jul-15	174,023.00	20,628.37	194,651.37	1,547.13	196,198.50
15-Jan-16	0.00	18,888.14	18,888.14	1,416.61	20,304.75
15-Jul-16	177,533.00	18,888.14	196,421.14	1,416.61	197,837.75
15-Jan-17	0.00	17,112.81	17,112.81	1,283.46	18,396.27
15-Jul-17	181,115.00	17,112.81	198,227.81	1,283.46	199,511.27
15-Jan-18	0.00	15,301.66	15,301.66	1,147.62	16,449.28
15-Jul-18	184,767.00	15,301.66	200,068.66	1,147.62	201,216.28
15-Jan-19	0.00	13,453.99	13,453.99	1,009.05	14,463.04
15-Jul-19	173,642.00	13,453.99	187,095.99	1,009.05	188,105.04
15-Jan-20	0.00	11,717.57	11,717.57	878.82	12,596.39
15-Jul-20	177,144.00	11,717.57	188,861.57	878.82	189,740.39
15-Jan-21	0.00	9,946.13	9,946.13	745.96	10,692.09
15-Jul-21	120,553.00	9,946.13	130,499.13	745.96	131,245.09
15-Jan-22	0.00	8,740.60	8,740.60	655.55	9,396.15
15-Jul-22	122,983.00	8,740.60	131,723.60	655.55	132,379.15
15-Jan-23	0.00	7,510.77	7,510.77	563.31	8,074.08
15-Jul-23	125,461.00	7,510.77	132,971.77	563.31	133,535.08
15-Jan-24	0.00	6,256.16	6,256.16	469.21	6,725.37
15-Jul-24	127,991.00	6,256.16	134,247.16	469.21	134,716.37
15-Jan-25	0.00	4,976.25	4,976.25	373.22	5,349.47
15-Jul-25	130,443.00	4,976.25	135,419.25	373.22	135,792.47
15-Jan-26	0.00	3,671.82	3,671.82	275.39	3,947.21
15-Jul-26	119,960.00	3,671.82	123,631.82	275.39	123,907.21
15-Jan-27	0.00	2,472.22	2,472.22	185.42	2,657.64
15-Jul-27	122,378.00	2,472.22	124,850.22	185.42	125,035.64
15-Jan-28	0.00	1,248.44	1,248.44	93.63	1,342.07
15-Jul-28	124,844.00	1,248.44	126,092.44	93.63	126,186.07
15-Jan-29	0.00	0.00	0.00	0.00	0.00
15-Jul-29	0.00	0.00	0.00	0.00	0.00
15-Jan-30	0.00	0.00	0.00	0.00	0.00
15-Jul-30	0.00	0.00	0.00	0.00	0.00
15-Jan-31	0.00	0.00	0.00	0.00	0.00
15-Jul-31	0.00	0.00	0.00	0.00	0.00
15-Jan-32	0.00	0.00	0.00	0.00	0.00
15-Jul-32	0.00	0.00	0.00	0.00	0.00
15-Jan-33	0.00	0.00	0.00	0.00	0.00
15-Jul-33	0.00	0.00	0.00	0.00	0.00
15-Jan-34	0.00	0.00	0.00	0.00	0.00
15-Jul-34	0.00	0.00	0.00	0.00	0.00
15-Jan-35	0.00	0.00	0.00	0.00	0.00
15-Jul-35	0.00	0.00	0.00	0.00	0.00
15-Jan-36	0.00	0.00	0.00	0.00	0.00
15-Jul-36	0.00	0.00	0.00	0.00	0.00
15-Jan-37	0.00	0.00	0.00	0.00	0.00
15-Jul-37	0.00	0.00	0.00	0.00	0.00
15-Jan-38	0.00	0.00	0.00	0.00	0.00
15-Jul-38	0.00	0.00	0.00	0.00	0.00
15-Jan-39	0.00	0.00	0.00	0.00	0.00
	2,725,200.00	445,989.54	3,171,189.54	33,449.22	3,204,638.76

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 14

Schedule C

MWRA
CW-10-06-A

Interest Rate:	2.4210%

Final Loan Structuring Analysis

Schedule of Payments

Initial Principal Amount:	$3,225,556.00

	Scheduled Payments			Administrative Fee Payable @	Total
	Principal	Interest	Total	0.075%	Due
15-Mar-11					
15-Jul-11	83,020.00	26,030.25	109,050.25	1,612.78	110,663.03
15-Jan-12	0.00	38,040.42	38,040.42	2,356.90	40,397.32
15-Jul-12	85,054.00	38,040.42	123,094.42	2,356.90	125,451.32
15-Jan-13	0.00	37,010.84	37,010.84	2,293.11	39,303.95
15-Jul-13	87,139.00	37,010.84	124,149.84	2,293.11	126,442.95
15-Jan-14	0.00	35,956.02	35,956.02	2,227.76	38,183.78
15-Jul-14	89,274.00	35,956.02	125,230.02	2,227.76	127,457.78
15-Jan-15	0.00	34,875.36	34,875.36	2,160.80	37,036.16
15-Jul-15	91,462.00	34,875.36	126,337.36	2,160.80	128,498.16
15-Jan-16	0.00	33,768.22	33,768.22	2,092.21	35,860.43
15-Jul-16	93,704.00	33,768.22	127,472.22	2,092.21	129,564.43
15-Jan-17	0.00	32,633.93	32,633.93	2,021.93	34,655.86
15-Jul-17	96,000.00	32,633.93	128,633.93	2,021.93	130,655.86
15-Jan-18	0.00	31,471.84	31,471.84	1,949.93	33,421.77
15-Jul-18	98,353.00	31,471.84	129,824.84	1,949.93	131,774.77
15-Jan-19	0.00	30,281.28	30,281.28	1,876.16	32,157.44
15-Jul-19	100,762.00	30,281.28	131,043.28	1,876.16	132,919.44
15-Jan-20	0.00	29,061.56	29,061.56	1,800.59	30,862.15
15-Jul-20	103,232.00	29,061.56	132,293.56	1,800.59	134,094.15
15-Jan-21	0.00	27,811.93	27,811.93	1,723.17	29,535.10
15-Jul-21	105,762.00	27,811.93	133,573.93	1,723.17	135,297.10
15-Jan-22	0.00	26,531.70	26,531.70	1,643.85	28,175.55
15-Jul-22	108,354.00	26,531.70	134,885.70	1,643.85	136,529.55
15-Jan-23	0.00	25,220.07	25,220.07	1,562.58	26,782.65
15-Jul-23	111,009.00	25,220.07	136,229.07	1,562.58	137,791.65
15-Jan-24	0.00	23,876.30	23,876.30	1,479.32	25,355.62
15-Jul-24	113,730.00	23,876.30	137,606.30	1,479.32	139,085.62
15-Jan-25	0.00	22,499.61	22,499.61	1,394.03	23,893.64
15-Jul-25	116,517.00	22,499.61	139,016.61	1,394.03	140,410.64
15-Jan-26	0.00	21,089.16	21,089.16	1,306.64	22,395.80
15-Jul-26	119,372.00	21,089.16	140,461.16	1,306.64	141,767.80
15-Jan-27	0.00	19,644.16	19,644.16	1,217.11	20,861.27
15-Jul-27	122,297.00	19,644.16	141,941.16	1,217.11	143,158.27
15-Jan-28	0.00	18,163.75	18,163.75	1,125.39	19,289.14
15-Jul-28	125,295.00	18,163.75	143,458.75	1,125.39	144,584.14
15-Jan-29	0.00	16,647.05	16,647.05	1,031.42	17,678.47
15-Jul-29	128,365.00	16,647.05	145,012.05	1,031.42	146,043.47
15-Jan-30	0.00	15,093.20	15,093.20	935.14	16,028.34
15-Jul-30	131,511.00	15,093.20	146,604.20	935.14	147,539.34
15-Jan-31	0.00	13,501.26	13,501.26	836.51	14,337.77
15-Jul-31	134,734.00	13,501.26	148,235.26	836.51	149,071.77
15-Jan-32	0.00	11,870.30	11,870.30	735.46	12,605.76
15-Jul-32	138,035.00	11,870.30	149,905.30	735.46	150,640.76
15-Jan-33	0.00	10,199.38	10,199.38	631.93	10,831.31
15-Jul-33	141,419.00	10,199.38	151,618.38	631.93	152,250.31
15-Jan-34	0.00	8,487.52	8,487.52	525.87	9,013.39
15-Jul-34	144,884.00	8,487.52	153,371.52	525.87	153,897.39
15-Jan-35	0.00	6,733.68	6,733.68	417.20	7,150.88
15-Jul-35	148,435.00	6,733.68	155,168.68	417.20	155,585.88
15-Jan-36	0.00	4,936.87	4,936.87	305.88	5,242.75
15-Jul-36	132,668.00	4,936.87	137,604.87	305.88	137,910.75
15-Jan-37	0.00	3,330.93	3,330.93	206.38	3,537.31
15-Jul-37	135,919.00	3,330.93	139,249.93	206.38	139,456.31
15-Jan-38	0.00	1,685.63	1,685.63	104.44	1,790.07
15-Jul-38	139,250.00	1,685.63	140,935.63	104.44	141,040.07
15-Jan-39	0.00	0.00	0.00	0.00	0.00
	3,225,556.00	1,186,874.19	4,412,430.19	73,536.20	4,485,966.39

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 14

Schedule C

MWRA
DW-10-12A

Loan Interest Rate	2.00%

Final Loan Structuring Analysis

Schedule of Loan Repayments

Initial Loan Obligation:	$5,411,372.00

	Scheduled Loan Repayments			Administrative Fee Payable @	Total
	Principal	Interest	Total	0.075%	Due
15-Mar-11					
15-Jul-11	258,565.00	36,075.81	294,640.81	2,705.69	297,346.50
15-Jan-12	0.00	51,528.07	51,528.07	3,864.61	55,392.68
15-Jul-12	262,999.00	51,528.07	314,527.07	3,864.61	318,391.68
15-Jan-13	0.00	48,898.09	48,898.09	3,667.36	52,565.45
15-Jul-13	267,521.00	48,898.09	316,419.09	3,667.36	320,086.45
15-Jan-14	0.00	46,222.87	46,222.87	3,466.72	49,689.59
15-Jul-14	272,135.00	46,222.87	318,357.87	3,466.72	321,824.59
15-Jan-15	0.00	43,501.51	43,501.51	3,262.61	46,764.12
15-Jul-15	276,842.00	43,501.51	320,343.51	3,262.61	323,606.12
15-Jan-16	0.00	40,733.11	40,733.11	3,054.98	43,788.09
15-Jul-16	281,645.00	40,733.11	322,378.11	3,054.98	325,433.09
15-Jan-17	0.00	37,916.63	37,916.63	2,843.75	40,760.38
15-Jul-17	286,544.00	37,916.63	324,460.63	2,843.75	327,304.38
15-Jan-18	0.00	35,051.20	35,051.20	2,628.84	37,680.04
15-Jul-18	291,542.00	35,051.20	326,593.20	2,628.84	329,222.04
15-Jan-19	0.00	32,135.80	32,135.80	2,410.18	34,545.98
15-Jul-19	296,641.00	32,135.80	328,776.80	2,410.18	331,186.98
15-Jan-20	0.00	29,169.37	29,169.37	2,187.70	31,357.07
15-Jul-20	301,844.00	29,169.37	331,013.37	2,187.70	333,201.07
15-Jan-21	0.00	26,150.96	26,150.96	1,961.32	28,112.28
15-Jul-21	307,151.00	26,150.96	333,301.96	1,961.32	335,263.28
15-Jan-22	0.00	23,079.43	23,079.43	1,730.96	24,810.39
15-Jul-22	312,565.00	23,079.43	335,644.43	1,730.96	337,375.39
15-Jan-23	0.00	19,953.81	19,953.81	1,496.53	21,450.34
15-Jul-23	318,089.00	19,953.81	338,042.81	1,496.53	339,539.34
15-Jan-24	0.00	16,772.89	16,772.89	1,257.97	18,030.86
15-Jul-24	323,725.00	16,772.89	340,497.89	1,257.97	341,755.86
15-Jan-25	0.00	13,535.64	13,535.64	1,015.17	14,550.81
15-Jul-25	329,474.00	13,535.64	343,009.64	1,015.17	344,024.81
15-Jan-26	0.00	10,240.90	10,240.90	768.07	11,008.97
15-Jul-26	335,339.00	10,240.90	345,579.90	768.07	346,347.97
15-Jan-27	0.00	6,887.54	6,887.54	516.56	7,404.10
15-Jul-27	341,323.00	6,887.54	348,210.54	516.56	348,727.10
15-Jan-28	0.00	3,474.29	3,474.29	260.57	3,734.86
15-Jul-28	347,428.00	3,474.29	350,902.29	260.57	351,162.86
15-Jan-29	0.00	0.00	0.00	0.00	0.00
15-Jul-29	0.00	0.00	0.00	0.00	0.00
15-Jan-30	0.00	0.00	0.00	0.00	0.00
15-Jul-30	0.00	0.00	0.00	0.00	0.00
15-Jan-31	0.00	0.00	0.00	0.00	0.00
15-Jul-31	0.00	0.00	0.00	0.00	0.00
15-Jan-32	0.00	0.00	0.00	0.00	0.00
15-Jul-32	0.00	0.00	0.00	0.00	0.00
15-Jan-33	0.00	0.00	0.00	0.00	0.00
15-Jul-33	0.00	0.00	0.00	0.00	0.00
15-Jan-34	0.00	0.00	0.00	0.00	0.00
15-Jul-34	0.00	0.00	0.00	0.00	0.00
15-Jan-35	0.00	0.00	0.00	0.00	0.00
15-Jul-35	0.00	0.00	0.00	0.00	0.00
15-Jan-36	0.00	0.00	0.00	0.00	0.00
15-Jul-36	0.00	0.00	0.00	0.00	0.00
15-Jan-37	0.00	0.00	0.00	0.00	0.00
15-Jul-37	0.00	0.00	0.00	0.00	0.00
15-Jan-38	0.00	0.00	0.00	0.00	0.00
15-Jul-38	0.00	0.00	0.00	0.00	0.00
15-Jan-39	0.00	0.00	0.00	0.00	0.00
	5,411,372.00	1,006,580.03	6,417,952.03	75,493.49	6,493,445.52

Massachusetts Water Pollution Abatement Trust

SCHEDULE C

Water Pollution Abatement and Drinking Water Revenue Bonds

State Revolving Fund Bonds

Series 15

MWRA
CWS-09-03

Final Structuring Analysis

Financial Equivalent Interest Rate:	2.40%
ARRA Principal Forgiveness*	13,763,340
Total Loan Amount	35,832,140

Schedule of Payments

Initial Principal Amount:	$22,068,800.00

	Schedule of Payments			Admin. Fee		Total
Date	Principal	Interest	Total	0.00075	Origination Fee	Due
08-Jul-10						
15-Jan-11	$0.00	$275,124.39	$275,124.39	$16,551.60	146,757.52	$438,433.51
15-Jul-11	508,376.00	264,825.62	773,201.62	16,551.60		789,753.22
15-Jan-12	0.00	258,725.11	258,725.11	16,170.32		274,895.43
15-Jul-12	520,725.00	258,725.11	779,450.11	16,170.32		795,620.43
15-Jan-13	0.00	252,476.41	252,476.41	15,779.77		268,256.18
15-Jul-13	533,374.00	252,476.41	785,850.41	15,779.77		801,630.18
15-Jan-14	0.00	246,075.92	246,075.92	15,379.74		261,455.66
15-Jul-14	546,330.00	246,075.92	792,405.92	15,379.74		807,785.66
15-Jan-15	0.00	239,519.96	239,519.96	14,970.00		254,489.96
15-Jul-15	559,602.00	239,519.96	799,121.96	14,970.00		814,091.96
15-Jan-16	0.00	232,804.73	232,804.73	14,550.29		247,355.02
15-Jul-16	573,195.00	232,804.73	805,999.73	14,550.29		820,550.02
15-Jan-17	0.00	225,926.39	225,926.39	14,120.40		240,046.79
15-Jul-17	587,119.00	225,926.39	813,045.39	14,120.40		827,165.79
15-Jan-18	0.00	218,880.96	218,880.96	13,680.06		232,561.02
15-Jul-18	601,381.00	218,880.96	820,261.96	13,680.06		833,942.02
15-Jan-19	0.00	211,664.39	211,664.39	13,229.02		224,893.41
15-Jul-19	615,989.00	211,664.39	827,653.39	13,229.02		840,882.41
15-Jan-20	0.00	204,272.52	204,272.52	12,767.03		217,039.55
15-Jul-20	630,953.00	204,272.52	835,225.52	12,767.03		847,992.55
15-Jan-21	0.00	196,701.09	196,701.09	12,293.82		208,994.91
15-Jul-21	646,279.00	196,701.09	842,980.09	12,293.82		855,273.91
15-Jan-22	0.00	188,945.74	188,945.74	11,809.11		200,754.85
15-Jul-22	661,979.00	188,945.74	850,924.74	11,809.11		862,733.85
15-Jan-23	0.00	181,001.99	181,001.99	11,312.62		192,314.61
15-Jul-23	678,059.00	181,001.99	859,060.99	11,312.62		870,373.61
15-Jan-24	0.00	172,865.28	172,865.28	10,804.08		183,669.36
15-Jul-24	694,530.00	172,865.28	867,395.28	10,804.08		878,199.36
15-Jan-25	0.00	164,530.92	164,530.92	10,283.18		174,814.10
15-Jul-25	711,401.00	164,530.92	875,931.92	10,283.18		886,215.10
15-Jan-26	0.00	155,994.11	155,994.11	9,749.63		165,743.74
15-Jul-26	728,682.00	155,994.11	884,676.11	9,749.63		894,425.74
15-Jan-27	0.00	147,249.92	147,249.92	9,203.12		156,453.04
15-Jul-27	746,383.00	147,249.92	893,632.92	9,203.12		902,836.04
15-Jan-28	0.00	138,293.33	138,293.33	8,643.33		146,936.66
15-Jul-28	764,514.00	138,293.33	902,807.33	8,643.33		911,450.66
15-Jan-29	0.00	129,119.16	129,119.16	8,069.95		137,189.11
15-Jul-29	783,085.00	129,119.16	912,204.16	8,069.95		920,274.11
15-Jan-30	0.00	119,722.14	119,722.14	7,482.63		127,204.77
15-Jul-30	802,107.00	119,722.14	921,829.14	7,482.63		929,311.77
15-Jan-31	0.00	110,096.85	110,096.85	6,881.05		116,977.90
15-Jul-31	821,592.00	110,096.85	931,688.85	6,881.05		938,569.90
15-Jan-32	0.00	100,237.75	100,237.75	6,264.86		106,502.61
15-Jul-32	841,549.00	100,237.75	941,786.75	6,264.86		948,051.61
15-Jan-33	0.00	90,139.16	90,139.16	5,633.70		95,772.86
15-Jul-33	861,992.00	90,139.16	952,131.16	5,633.70		957,764.86
15-Jan-34	0.00	79,795.25	79,795.25	4,987.20		84,782.45
15-Jul-34	882,931.00	79,795.25	962,726.25	4,987.20		967,713.45
15-Jan-35	0.00	69,200.08	69,200.08	4,325.00		73,525.08
15-Jul-35	904,379.00	69,200.08	973,579.08	4,325.00		977,904.08
15-Jan-36	0.00	58,347.53	58,347.53	3,646.72		61,994.25
15-Jul-36	926,347.00	58,347.53	984,694.53	3,646.72		988,341.25
15-Jan-37	0.00	47,231.37	47,231.37	2,951.96		50,183.33
15-Jul-37	948,850.00	47,231.37	996,081.37	2,951.96		999,033.33
15-Jan-38	0.00	35,845.17	35,845.17	2,240.32		38,085.49
15-Jul-38	971,899.00	35,845.17	1,007,744.17	2,240.32		1,009,984.49
15-Jan-39	0.00	24,182.38	24,182.38	1,511.40		25,693.78
15-Jul-39	995,508.00	24,182.38	1,019,690.38	1,511.40		1,021,201.78
15-Jan-40	0.00	12,236.28	12,236.28	764.77		13,001.05
15-Jul-40	1,019,690.00	12,236.28	1,031,926.28	764.77		1,032,691.05
15-Jan-41	0.00	0.00	0.00	0.00		0.00
15-Jul-41	0.00	0.00	0.00	0.00		0.00
	$22,068,800.00	$9,164,113.79	$31,232,913.79	$572,113.36	$146,757.52	$31,951,784.67

* This Project may qualify for principal forgiveness under the American Recovery and Reinvestment Act of 2009 ("ARRA") upon issuance of a Project Completion Certificate. To qualify for principal forgiveness, the Borrower must comply with the requirements of ARRA listed on Schedule B of this Loan Agreement.

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
State Revolving Fund Bonds
Series 15

SCHEDULE C

MWRA
CWS-09-35

Final Structuring Analysis

Loan Interest Rate	2.00%
ARRA Principal Forgiveness*	4,236,660
Total Loan Amount	8,500,000

Schedule of Loan Repayments

Remaining Loan Obligation:	$4,263,340.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.00075	Origination Fee	Due
08-Jul-10						
15-Jan-11	$0.00	$44,291.37	$44,291.37	$3,197.51	28,351.21	$75,840.09
15-Jul-11	266,533.00	42,633.40	309,166.40	3,197.51		312,363.91
15-Jan-12	0.00	39,968.07	39,968.07	2,997.61		42,965.68
15-Jul-12	271,918.00	39,968.07	311,886.07	2,997.61		314,883.68
15-Jan-13	0.00	37,248.89	37,248.89	2,793.67		40,042.56
15-Jul-13	277,411.00	37,248.89	314,659.89	2,793.67		317,453.56
15-Jan-14	0.00	34,474.78	34,474.78	2,585.61		37,060.39
15-Jul-14	283,015.00	34,474.78	317,489.78	2,585.61		320,075.39
15-Jan-15	0.00	31,644.63	31,644.63	2,373.35		34,017.98
15-Jul-15	288,733.00	31,644.63	320,377.63	2,373.35		322,750.98
15-Jan-16	0.00	28,757.30	28,757.30	2,156.80		30,914.10
15-Jul-16	294,566.00	28,757.30	323,323.30	2,156.80		325,480.10
15-Jan-17	0.00	25,811.64	25,811.64	1,935.87		27,747.51
15-Jul-17	300,516.00	25,811.64	326,327.64	1,935.87		328,263.51
15-Jan-18	0.00	22,806.48	22,806.48	1,710.49		24,516.97
15-Jul-18	306,587.00	22,806.48	329,393.48	1,710.49		331,103.97
15-Jan-19	0.00	19,740.61	19,740.61	1,480.55		21,221.16
15-Jul-19	312,781.00	19,740.61	332,521.61	1,480.55		334,002.16
15-Jan-20	0.00	16,612.80	16,612.80	1,245.96		17,858.76
15-Jul-20	319,100.00	16,612.80	335,712.80	1,245.96		336,958.76
15-Jan-21	0.00	13,421.80	13,421.80	1,006.64		14,428.44
15-Jul-21	325,546.00	13,421.80	338,967.80	1,006.64		339,974.44
15-Jan-22	0.00	10,166.34	10,166.34	762.48		10,928.82
15-Jul-22	332,123.00	10,166.34	342,289.34	762.48		343,051.82
15-Jan-23	0.00	6,845.11	6,845.11	513.38		7,358.49
15-Jul-23	338,833.00	6,845.11	345,678.11	513.38		346,191.49
15-Jan-24	0.00	3,456.78	3,456.78	259.26		3,716.04
15-Jul-24	345,678.00	3,456.78	349,134.78	259.26		349,394.04
15-Jan-25	0.00	0.00	0.00	0.00		0.00
15-Jul-25	0.00	0.00	0.00	0.00		0.00
15-Jan-26	0.00	0.00	0.00	0.00		0.00
15-Jul-26	0.00	0.00	0.00	0.00		0.00
15-Jan-27	0.00	0.00	0.00	0.00		0.00
15-Jul-27	0.00	0.00	0.00	0.00		0.00
15-Jan-28	0.00	0.00	0.00	0.00		0.00
15-Jul-28	0.00	0.00	0.00	0.00		0.00
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
15-Jul-38	0.00	0.00	0.00	0.00		0.00
15-Jan-39	0.00	0.00	0.00	0.00		0.00
15-Jul-39	0.00	0.00	0.00	0.00		0.00
15-Jan-40	0.00	0.00	0.00	0.00		0.00
15-Jul-40	0.00	0.00	0.00	0.00		0.00
15-Jan-41	0.00	0.00	0.00	0.00		0.00
15-Jul-41	0.00	0.00	0.00	0.00		0.00
	$4,263,340.00	$668,835.23	$4,932,175.23	$50,038.36	$28,351.21	$5,010,564.80

* This Project may qualify for principal forgiveness under the American Recovery and Reinvestment Act of 2009 ("ARRA") upon issuance of a Project Completion Certificate. To qualify for principal forgiveness, the Borrower must comply with the requirements of ARRA listed on Schedule B of this Loan Agreement.

Massachusetts Water Pollution Abatement Trust

SCHEDULE C

Water Pollution Abatement and Drinking Water Revenue Bonds

State Revolving Fund Bonds

Series 15

MWRA

DWS-09-27

Final Structuring Analysis

Loan Interest Rate	2.00%
ARRA Principal Forgiveness*	1,307,219
Total Loan Amount	6,476,790

Schedule of Loan Repayments

Initial Loan Obligation:	$5,169,571.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.00075	Origination Fee	Due
08-Jul-10						
15-Jan-11	$0.00	$53,706.10	$53,706.10	$3,877.18	34,377.65	$91,960.93
15-Jul-11	212,335.00	51,695.71	264,030.71	3,877.18		267,907.89
15-Jan-12	0.00	49,572.36	49,572.36	3,717.93		53,290.29
15-Jul-12	216,624.00	49,572.36	266,196.36	3,717.93		269,914.29
15-Jan-13	0.00	47,406.12	47,406.12	3,555.46		50,961.58
15-Jul-13	221,001.00	47,406.12	268,407.12	3,555.46		271,962.58
15-Jan-14	0.00	45,196.11	45,196.11	3,389.71		48,585.82
15-Jul-14	225,465.00	45,196.11	270,661.11	3,389.71		274,050.82
15-Jan-15	0.00	42,941.46	42,941.46	3,220.61		46,162.07
15-Jul-15	230,020.00	42,941.46	272,961.46	3,220.61		276,182.07
15-Jan-16	0.00	40,641.26	40,641.26	3,048.09		43,689.35
15-Jul-16	234,667.00	40,641.26	275,308.26	3,048.09		278,356.35
15-Jan-17	0.00	38,294.59	38,294.59	2,872.09		41,166.68
15-Jul-17	239,408.00	38,294.59	277,702.59	2,872.09		280,574.68
15-Jan-18	0.00	35,900.51	35,900.51	2,692.54		38,593.05
15-Jul-18	244,244.00	35,900.51	280,144.51	2,692.54		282,837.05
15-Jan-19	0.00	33,458.07	33,458.07	2,509.36		35,967.43
15-Jul-19	249,179.00	33,458.07	282,637.07	2,509.36		285,146.43
15-Jan-20	0.00	30,966.28	30,966.28	2,322.47		33,288.75
15-Jul-20	254,213.00	30,966.28	285,179.28	2,322.47		287,501.75
15-Jan-21	0.00	28,424.15	28,424.15	2,131.81		30,555.96
15-Jul-21	259,348.00	28,424.15	287,772.15	2,131.81		289,903.96
15-Jan-22	0.00	25,830.67	25,830.67	1,937.30		27,767.97
15-Jul-22	264,588.00	25,830.67	290,418.67	1,937.30		292,355.97
15-Jan-23	0.00	23,184.79	23,184.79	1,738.86		24,923.65
15-Jul-23	269,933.00	23,184.79	293,117.79	1,738.86		294,856.65
15-Jan-24	0.00	20,485.46	20,485.46	1,536.41		22,021.87
15-Jul-24	275,386.00	20,485.46	295,871.46	1,536.41		297,407.87
15-Jan-25	0.00	17,731.60	17,731.60	1,329.87		19,061.47
15-Jul-25	280,949.00	17,731.60	298,680.60	1,329.87		300,010.47
15-Jan-26	0.00	14,922.11	14,922.11	1,119.16		16,041.27
15-Jul-26	286,625.00	14,922.11	301,547.11	1,119.16		302,666.27
15-Jan-27	0.00	12,055.86	12,055.86	904.19		12,960.05
15-Jul-27	292,415.00	12,055.86	304,470.86	904.19		305,375.05
15-Jan-28	0.00	9,131.71	9,131.71	684.88		9,816.59
15-Jul-28	298,323.00	9,131.71	307,454.71	684.88		308,139.59
15-Jan-29	0.00	6,148.48	6,148.48	461.14		6,609.62
15-Jul-29	304,350.00	6,148.48	310,498.48	461.14		310,959.62
15-Jan-30	0.00	3,104.98	3,104.98	232.87		3,337.85
15-Jul-30	310,498.00	3,104.98	313,602.98	232.87		313,835.85
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
15-Jul-38	0.00	0.00	0.00	0.00		0.00
15-Jan-39	0.00	0.00	0.00	0.00		0.00
15-Jul-39	0.00	0.00	0.00	0.00		0.00
15-Jan-40	0.00	0.00	0.00	0.00		0.00
15-Jul-40	0.00	0.00	0.00	0.00		0.00
15-Jan-41	0.00	0.00	0.00	0.00		0.00
15-Jul-41	0.00	0.00	0.00	0.00		0.00
	$5,169,571.00	$1,156,194.95	$6,325,765.95	$86,563.86	$34,377.65	$6,446,707.46

* This Project may qualify for principal forgiveness under the American Recovery and Reinvestment Act of 2009 ("ARRA") upon issuance of a Project Completion Certificate. To qualify for principal forgiveness, the Borrower must comply with the requirements of ARRA listed on Schedule B of this Loan Agreement.

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
State Revolving Fund Bonds
Series 15

SCHEDULE C

MWRA
DWS-09-28
Final Structuring Analysis

Loan Interest Rate	2.00%
ARRA Principal Forgiveness*	605,494
Total Loan Amount	3,000,000

Schedule of Loan Repayments

Initial Loan Obligation:	$2,394,506.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.00075	Origination Fee	Due
08-Jul-10						
15-Jan-11	$0.00	$24,876.26	$24,876.26	$1,795.88	15,923.46	$42,595.60
15-Jul-11	98,352.00	23,945.06	122,297.06	1,795.88		124,092.94
15-Jan-12	0.00	22,961.54	22,961.54	1,722.12		24,683.66
15-Jul-12	100,339.00	22,961.54	123,300.54	1,722.12		125,022.66
15-Jan-13	0.00	21,958.15	21,958.15	1,646.86		23,605.01
15-Jul-13	102,366.00	21,958.15	124,324.15	1,646.86		125,971.01
15-Jan-14	0.00	20,934.49	20,934.49	1,570.09		22,504.58
15-Jul-14	104,434.00	20,934.49	125,368.49	1,570.09		126,938.58
15-Jan-15	0.00	19,890.15	19,890.15	1,491.76		21,381.91
15-Jul-15	106,544.00	19,890.15	126,434.15	1,491.76		127,925.91
15-Jan-16	0.00	18,824.71	18,824.71	1,411.85		20,236.56
15-Jul-16	108,696.00	18,824.71	127,520.71	1,411.85		128,932.56
15-Jan-17	0.00	17,737.75	17,737.75	1,330.33		19,068.08
15-Jul-17	110,892.00	17,737.75	128,629.75	1,330.33		129,960.08
15-Jan-18	0.00	16,628.83	16,628.83	1,247.16		17,875.99
15-Jul-18	113,132.00	16,628.83	129,760.83	1,247.16		131,007.99
15-Jan-19	0.00	15,497.51	15,497.51	1,162.31		16,659.82
15-Jul-19	115,418.00	15,497.51	130,915.51	1,162.31		132,077.82
15-Jan-20	0.00	14,343.33	14,343.33	1,075.75		15,419.08
15-Jul-20	117,749.00	14,343.33	132,092.33	1,075.75		133,168.08
15-Jan-21	0.00	13,165.84	13,165.84	987.44		14,153.28
15-Jul-21	120,128.00	13,165.84	133,293.84	987.44		134,281.28
15-Jan-22	0.00	11,964.56	11,964.56	897.34		12,861.90
15-Jul-22	122,555.00	11,964.56	134,519.56	897.34		135,416.90
15-Jan-23	0.00	10,739.01	10,739.01	805.43		11,544.44
15-Jul-23	125,031.00	10,739.01	135,770.01	805.43		136,575.44
15-Jan-24	0.00	9,488.70	9,488.70	711.65		10,200.35
15-Jul-24	127,557.00	9,488.70	137,045.70	711.65		137,757.35
15-Jan-25	0.00	8,213.13	8,213.13	615.98		8,829.11
15-Jul-25	130,133.00	8,213.13	138,346.13	615.98		138,962.11
15-Jan-26	0.00	6,911.80	6,911.80	518.39		7,430.19
15-Jul-26	132,762.00	6,911.80	139,673.80	518.39		140,192.19
15-Jan-27	0.00	5,584.18	5,584.18	418.81		6,002.99
15-Jul-27	135,445.00	5,584.18	141,029.18	418.81		141,447.99
15-Jan-28	0.00	4,229.73	4,229.73	317.23		4,546.96
15-Jul-28	138,181.00	4,229.73	142,410.73	317.23		142,727.96
15-Jan-29	0.00	2,847.92	2,847.92	213.59		3,061.51
15-Jul-29	140,972.00	2,847.92	143,819.92	213.59		144,033.51
15-Jan-30	0.00	1,438.20	1,438.20	107.87		1,546.07
15-Jul-30	143,820.00	1,438.20	145,258.20	107.87		145,366.07
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
15-Jul-38	0.00	0.00	0.00	0.00		0.00
15-Jan-39	0.00	0.00	0.00	0.00		0.00
15-Jul-39	0.00	0.00	0.00	0.00		0.00
15-Jan-40	0.00	0.00	0.00	0.00		0.00
15-Jul-40	0.00	0.00	0.00	0.00		0.00
15-Jan-41	0.00	0.00	0.00	0.00		0.00
15-Jul-41	0.00	0.00	0.00	0.00		0.00
	$2,394,506.00	$535,540.38	$2,930,046.38	$40,095.68	$15,923.46	$2,986,065.52

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Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
State Revolving Fund Bonds
Series 15

SCHEDULE C

MWRA
DWS-09-29
Final Structuring Analysis

Loan Interest Rate	2.00%
ARRA Principal Forgiveness*	3,602,688
Total Loan Amount	17,850,000

Schedule of Loan Repayments

Initial Loan Obligation:	$14,247,312.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.00075	Origination Fee	Due
08-Jul-10						
15-Jan-11	$0.00	$148,013.74	$148,013.74	$10,685.48	94,744.62	$253,443.84
15-Jul-11	585,194.00	142,473.12	727,667.12	10,685.48		738,352.60
15-Jan-12	0.00	136,621.18	136,621.18	10,246.59		146,867.77
15-Jul-12	597,016.00	136,621.18	733,637.18	10,246.59		743,883.77
15-Jan-13	0.00	130,651.02	130,651.02	9,798.83		140,449.85
15-Jul-13	609,077.00	130,651.02	739,728.02	9,798.83		749,526.85
15-Jan-14	0.00	124,560.25	124,560.25	9,342.02		133,902.27
15-Jul-14	621,382.00	124,560.25	745,942.25	9,342.02		755,284.27
15-Jan-15	0.00	118,346.43	118,346.43	8,875.98		127,222.41
15-Jul-15	633,935.00	118,346.43	752,281.43	8,875.98		761,157.41
15-Jan-16	0.00	112,007.08	112,007.08	8,400.53		120,407.61
15-Jul-16	646,742.00	112,007.08	758,749.08	8,400.53		767,149.61
15-Jan-17	0.00	105,539.66	105,539.66	7,915.47		113,455.13
15-Jul-17	659,807.00	105,539.66	765,346.66	7,915.47		773,262.13
15-Jan-18	0.00	98,941.59	98,941.59	7,420.62		106,362.21
15-Jul-18	673,136.00	98,941.59	772,077.59	7,420.62		779,498.21
15-Jan-19	0.00	92,210.23	92,210.23	6,915.77		99,126.00
15-Jul-19	686,735.00	92,210.23	778,945.23	6,915.77		785,861.00
15-Jan-20	0.00	85,342.88	85,342.88	6,400.72		91,743.60
15-Jul-20	700,609.00	85,342.88	785,951.88	6,400.72		792,352.60
15-Jan-21	0.00	78,336.79	78,336.79	5,875.26		84,212.05
15-Jul-21	714,762.00	78,336.79	793,098.79	5,875.26		798,974.05
15-Jan-22	0.00	71,189.17	71,189.17	5,339.19		76,528.36
15-Jul-22	729,202.00	71,189.17	800,391.17	5,339.19		805,730.36
15-Jan-23	0.00	63,897.15	63,897.15	4,792.29		68,689.44
15-Jul-23	743,933.00	63,897.15	807,830.15	4,792.29		812,622.44
15-Jan-24	0.00	56,457.82	56,457.82	4,234.34		60,692.16
15-Jul-24	758,962.00	56,457.82	815,419.82	4,234.34		819,654.16
15-Jan-25	0.00	48,868.20	48,868.20	3,665.12		52,533.32
15-Jul-25	774,295.00	48,868.20	823,163.20	3,665.12		826,828.32
15-Jan-26	0.00	41,125.25	41,125.25	3,084.39		44,209.64
15-Jul-26	789,937.00	41,125.25	831,062.25	3,084.39		834,146.64
15-Jan-27	0.00	33,225.88	33,225.88	2,491.94		35,717.82
15-Jul-27	805,895.00	33,225.88	839,120.88	2,491.94		841,612.82
15-Jan-28	0.00	25,166.93	25,166.93	1,887.52		27,054.45
15-Jul-28	822,176.00	25,166.93	847,342.93	1,887.52		849,230.45
15-Jan-29	0.00	16,945.17	16,945.17	1,270.89		18,216.06
15-Jul-29	838,786.00	16,945.17	855,731.17	1,270.89		857,002.06
15-Jan-30	0.00	8,557.31	8,557.31	641.80		9,199.11
15-Jul-30	855,731.00	8,557.31	864,288.31	641.80		864,930.11
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
15-Jul-38	0.00	0.00	0.00	0.00		0.00
15-Jan-39	0.00	0.00	0.00	0.00		0.00
15-Jul-39	0.00	0.00	0.00	0.00		0.00
15-Jan-40	0.00	0.00	0.00	0.00		0.00
15-Jul-40	0.00	0.00	0.00	0.00		0.00
15-Jan-41	0.00	0.00	0.00	0.00		0.00
15-Jul-41	0.00	0.00	0.00	0.00		0.00
	$14,247,312.00	$3,186,466.84	$17,433,778.84	$238,569.50	$94,744.62	$17,767,092.96

* This Project may qualify for principal forgiveness under the American Recovery and Reinvestment Act of 2009 ("ARRA") upon issuance of a Project Completion Certificate. To qualify for principal forgiveness, the Borrower must comply with the requirements of ARRA listed on Schedule B of this Loan Agreement.

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
State Revolving Fund Bonds
Series 15

SCHEDULE C

MWRA
DWS-09-30
Final Structuring Analysis

Loan Interest Rate	2.00%
ARRA Principal Forgiveness*	322,930
Total Loan Amount	1,600,000

Schedule of Loan Repayments

Initial Loan Obligation:	$1,277,070.00

	Schedule of Loan Repayments			Admin. Fee	Loan	Total
Date	Principal	Interest	Total	0.00075	Origination Fee	Due
08-Jul-10						
15-Jan-11	$0.00	$13,267.34	$13,267.34	$957.80	8,492.52	$22,717.66
15-Jul-11	52,454.00	12,770.70	65,224.70	957.80		66,182.50
15-Jan-12	0.00	12,246.16	12,246.16	918.46		13,164.62
15-Jul-12	53,514.00	12,246.16	65,760.16	918.46		66,678.62
15-Jan-13	0.00	11,711.02	11,711.02	878.33		12,589.35
15-Jul-13	54,595.00	11,711.02	66,306.02	878.33		67,184.35
15-Jan-14	0.00	11,165.07	11,165.07	837.38		12,002.45
15-Jul-14	55,698.00	11,165.07	66,863.07	837.38		67,700.45
15-Jan-15	0.00	10,608.09	10,608.09	795.61		11,403.70
15-Jul-15	56,823.00	10,608.09	67,431.09	795.61		68,226.70
15-Jan-16	0.00	10,039.86	10,039.86	752.99		10,792.85
15-Jul-16	57,971.00	10,039.86	68,010.86	752.99		68,763.85
15-Jan-17	0.00	9,460.15	9,460.15	709.51		10,169.66
15-Jul-17	59,143.00	9,460.15	68,603.15	709.51		69,312.66
15-Jan-18	0.00	8,868.72	8,868.72	665.15		9,533.87
15-Jul-18	60,337.00	8,868.72	69,205.72	665.15		69,870.87
15-Jan-19	0.00	8,265.35	8,265.35	619.90		8,885.25
15-Jul-19	61,556.00	8,265.35	69,821.35	619.90		70,441.25
15-Jan-20	0.00	7,649.79	7,649.79	573.73		8,223.52
15-Jul-20	62,800.00	7,649.79	70,449.79	573.73		71,023.52
15-Jan-21	0.00	7,021.79	7,021.79	526.63		7,548.42
15-Jul-21	64,068.00	7,021.79	71,089.79	526.63		71,616.42
15-Jan-22	0.00	6,381.11	6,381.11	478.58		6,859.69
15-Jul-22	65,363.00	6,381.11	71,744.11	478.58		72,222.69
15-Jan-23	0.00	5,727.48	5,727.48	429.56		6,157.04
15-Jul-23	66,683.00	5,727.48	72,410.48	429.56		72,840.04
15-Jan-24	0.00	5,060.65	5,060.65	379.55		5,440.20
15-Jul-24	68,030.00	5,060.65	73,090.65	379.55		73,470.20
15-Jan-25	0.00	4,380.35	4,380.35	328.53		4,708.88
15-Jul-25	69,405.00	4,380.35	73,785.35	328.53		74,113.88
15-Jan-26	0.00	3,686.30	3,686.30	276.47		3,962.77
15-Jul-26	70,807.00	3,686.30	74,493.30	276.47		74,769.77
15-Jan-27	0.00	2,978.23	2,978.23	223.37		3,201.60
15-Jul-27	72,237.00	2,978.23	75,215.23	223.37		75,438.60
15-Jan-28	0.00	2,255.86	2,255.86	169.19		2,425.05
15-Jul-28	73,697.00	2,255.86	75,952.86	169.19		76,122.05
15-Jan-29	0.00	1,518.89	1,518.89	113.92		1,632.81
15-Jul-29	75,185.00	1,518.89	76,703.89	113.92		76,817.81
15-Jan-30	0.00	767.04	767.04	57.53		824.57
15-Jul-30	76,704.00	767.04	77,471.04	57.53		77,528.57
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
15-Jul-38	0.00	0.00	0.00	0.00		0.00
15-Jan-39	0.00	0.00	0.00	0.00		0.00
15-Jul-39	0.00	0.00	0.00	0.00		0.00
15-Jan-40	0.00	0.00	0.00	0.00		0.00
15-Jul-40	0.00	0.00	0.00	0.00		0.00
15-Jan-41	0.00	0.00	0.00	0.00		0.00
15-Jul-41	0.00	0.00	0.00	0.00		0.00
	$1,277,070.00	$285,621.86	$1,562,691.86	$21,384.38	$8,492.52	$1,592,568.76

* This Project may qualify for principal forgiveness under the American Recovery and Reinvestment Act of 2009 ("ARRA") upon issuance of a Project Completion Certificate. To qualify for principal forgiveness, the Borrower must comply with the requirements of ARRA listed on Schedule B of this Loan Agreement.

Massachusetts Water Pollution Abatement Trust
Pool 15-2012 Swap
Massachusetts Water Resources Authority
CW-11-06A

Original Loan Amount	-	Loan Origination Fee ($7.5/1000)	0.00
Principal Paid Down	-	Loan Term (in years)	18
Outstanding Loan Obligation	7,885,477.00	Loan Rate	2.00%
Remaining Balance	-	Closing Date	6/6/2012
Net New Loan Obligation	7,885,477.00	First Payment	7/15/2012

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
6/6/2012							
7/15/2012	347,757.30	16,911.94	364,669.24	5,914.12		370,583.36	
1/15/2013		74,665.85	74,665.85	5,653.28		80,319.13	450,902.49
7/15/2013	355,128.82	74,665.85	429,794.67	5,653.28		435,447.95	
1/15/2014		71,203.02	71,203.02	5,386.96		76,589.97	512,037.92
7/15/2014	362,659.97	71,203.02	433,862.99	5,386.96		439,249.95	
1/15/2015		67,665.00	67,665.00	5,114.94		72,779.94	512,029.89
7/15/2015	370,354.19	67,665.00	438,019.20	5,114.94		443,134.14	
1/15/2016		64,050.18	64,050.18	4,837.21		68,887.39	512,021.53
7/15/2016	378,214.98	64,050.18	442,265.16	4,837.21		447,102.37	
1/15/2017		60,356.88	60,356.88	4,553.50		64,910.38	512,012.75
7/15/2017	386,247.90	60,356.88	446,604.78	4,553.50		451,158.28	
1/15/2018		56,583.39	56,583.39	4,263.84		60,847.23	512,005.51
7/15/2018	394,452.62	56,583.39	451,036.00	4,263.84		455,299.84	
1/15/2019		52,727.98	52,727.98	3,968.00		56,695.98	511,995.83
7/15/2019	402,836.86	52,727.98	455,564.84	3,968.00		459,532.84	
1/15/2020		48,788.86	48,788.86	3,665.88		52,454.74	511,987.59
7/15/2020	411,401.45	48,788.86	460,190.31	3,665.88		463,856.19	
1/15/2021		44,764.23	44,764.23	3,357.29		48,121.52	511,977.71
7/15/2021	411,201.24	44,764.23	455,965.47	3,357.29		459,322.76	
1/15/2022		40,652.22	40,652.22	3,048.94		43,701.16	503,023.91
7/15/2022	420,127.84	40,652.22	460,780.06	3,048.94		463,829.00	
1/15/2023		36,450.94	36,450.94	2,733.83		39,184.77	503,013.77
7/15/2023	429,248.72	36,450.94	465,699.66	2,733.83		468,433.49	
1/15/2024		32,158.46	32,158.46	2,411.88		34,570.33	503,003.83
7/15/2024	438,568.02	32,158.46	470,726.48	2,411.88		473,138.36	
1/15/2025		27,772.78	27,772.78	2,082.97		29,855.75	502,994.10
7/15/2025	448,089.00	27,772.78	475,861.77	2,082.97		477,944.75	
1/15/2026		23,291.89	23,291.89	1,746.89		25,038.78	502,983.52
7/15/2026	457,817.99	23,291.89	481,109.87	1,746.89		482,856.76	
1/15/2027		18,713.71	18,713.71	1,403.53		20,117.24	502,974.00
7/15/2027	467,757.42	18,713.71	486,471.13	1,403.53		487,874.66	
1/15/2028		14,036.13	14,036.13	1,052.71		15,088.84	502,963.50
7/15/2028	457,848.24	14,036.13	471,884.37	1,052.71		472,937.08	
1/15/2029		9,457.65	9,457.65	709.33		10,166.98	483,104.06
7/15/2029	467,798.94	9,457.65	477,256.59	709.33		477,965.92	
1/15/2030		4,779.66	4,779.66	358.47		5,138.13	483,104.06
7/15/2030	477,965.92	4,779.66	482,745.58	358.47		483,104.05	
							483,104.05
	7,885,477.00	1,513,149.56	9,398,626.97	118,613.05		9,517,240.01	9,517,240.01

Notes:

* Not withstanding the schedule of Loan Repayments set forth above, until the Loan is refinanced with proceeds of bonds to be issued by the Trust, interest shall accrue at the Discount Rate set forth in the Loan Agreement only on that portion of the Loan that has been disbursed to or for the account of the Borrower, payable on the date of such refinancing. Thereafter, Loan Repayments shall be payable on the Loan in accordance.

Massachusetts Water Pollution Abatement Trust
Pool 15-2012 Swap
Massachusetts Water Resources Authority
CW-11-06B

Original Loan Amount	-	Loan Origination Fee ($7.5/1000)	0.00
Principal Paid Down	-	Loan Term (in years)	28
Outstanding Loan Obligation	167,885.00	Loan Rate	2.40%
Remaining Balance	-	Closing Date	6/6/2012
Net New Loan Obligation	167,885.00	First Payment	7/15/2012

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
6/6/2012							
7/15/2012	3,960.27	436.50	4,396.77	125.92		4,522.69	
1/15/2013		1,967.11	1,967.11	122.94		2,090.05	6,612.74
7/15/2013	4,062.56	1,967.11	6,029.67	122.94		6,152.61	
1/15/2014		1,918.36	1,918.36	119.90		2,038.26	8,190.87
7/15/2014	4,167.49	1,918.36	6,085.85	119.90		6,205.75	
1/15/2015		1,868.35	1,868.35	116.77		1,985.12	8,190.87
7/15/2015	4,275.13	1,868.35	6,143.48	116.77		6,260.26	
1/15/2016		1,817.05	1,817.05	113.56		1,930.61	8,190.86
7/15/2016	4,385.56	1,817.05	6,202.60	113.56		6,316.16	
1/15/2017		1,764.42	1,764.42	110.28		1,874.70	8,190.86
7/15/2017	4,498.83	1,764.42	6,263.25	110.28		6,373.53	
1/15/2018		1,710.43	1,710.43	106.90		1,817.33	8,190.86
7/15/2018	4,615.04	1,710.43	6,325.47	106.90		6,432.37	
1/15/2019		1,655.05	1,655.05	103.44		1,758.49	8,190.86
7/15/2019	4,734.24	1,655.05	6,389.29	103.44		6,492.73	
1/15/2020		1,598.24	1,598.24	99.89		1,698.13	8,190.86
7/15/2020	4,856.52	1,598.24	6,454.76	99.89		6,554.65	
1/15/2021		1,539.96	1,539.96	96.25		1,636.21	8,190.86
7/15/2021	4,981.96	1,539.96	6,521.93	96.25		6,618.17	
1/15/2022		1,480.18	1,480.18	92.51		1,572.69	8,190.86
7/15/2022	5,110.64	1,480.18	6,590.82	92.51		6,683.33	
1/15/2023		1,418.85	1,418.85	88.68		1,507.53	8,190.87
7/15/2023	5,242.65	1,418.85	6,661.50	88.68		6,750.18	
1/15/2024		1,355.94	1,355.94	84.75		1,440.69	8,190.87
7/15/2024	5,378.06	1,355.94	6,734.00	84.75		6,818.75	
1/15/2025		1,291.40	1,291.40	80.71		1,372.11	8,190.86
7/15/2025	5,516.97	1,291.40	6,808.38	80.71		6,889.09	
1/15/2026		1,225.20	1,225.20	76.58		1,301.78	8,190.86
7/15/2026	5,659.47	1,225.20	6,884.67	76.58		6,961.25	
1/15/2027		1,157.29	1,157.29	72.33		1,229.62	8,190.87
7/15/2027	5,805.65	1,157.29	6,962.94	72.33		7,035.27	
1/15/2028		1,087.62	1,087.62	67.98		1,155.60	8,190.87
7/15/2028	5,955.61	1,087.62	7,043.23	67.98		7,111.21	
1/15/2029		1,016.15	1,016.15	63.51		1,079.66	8,190.87
7/15/2029	6,109.44	1,016.15	7,125.59	63.51		7,189.10	
1/15/2030		942.84	942.84	58.93		1,001.77	8,190.87
7/15/2030	6,267.24	942.84	7,210.08	58.93		7,269.01	
1/15/2031		867.63	867.63	54.23		921.86	8,190.87
7/15/2031	6,429.12	867.63	7,296.75	54.23		7,350.98	
1/15/2032		790.48	790.48	49.41		839.89	8,190.87
7/15/2032	6,595.18	790.48	7,385.66	49.41		7,435.07	
1/15/2033		711.34	711.34	44.46		755.79	8,190.86
7/15/2033	6,765.53	711.34	7,476.87	44.46		7,521.32	
1/15/2034		630.15	630.15	39.38		669.53	8,190.86
7/15/2034	6,940.28	630.15	7,570.43	39.38		7,609.81	
1/15/2035		546.87	546.87	34.18		581.05	8,190.86
7/15/2035	7,119.54	546.87	7,666.41	34.18		7,700.59	
1/15/2036		461.44	461.44	28.84		490.27	8,190.86
7/15/2036	7,303.43	461.44	7,764.87	28.84		7,793.71	
1/15/2037		373.79	373.79	23.37		397.16	8,190.87
7/15/2037	7,492.08	373.79	7,865.87	23.37		7,889.24	
1/15/2038		283.89	283.89	17.75		301.63	8,190.87
7/15/2038	7,685.59	283.89	7,969.48	17.75		7,987.23	
1/15/2039		191.66	191.66	11.98		203.64	8,190.87
7/15/2039	7,884.10	191.66	8,075.77	11.98		8,087.75	
1/15/2040		97.05	97.05	6.06		103.12	8,190.87
7/15/2040	8,087.75	97.05	8,184.80	6.06		8,190.86	
							8,190.86
	167,885.00	63,974.00	231,859.94	4,097.02		235,956.96	235,956.96

Notes:

* Not withstanding the schedule of Loan Repayments set forth above, until the Loan is refinanced with proceeds of bonds to be issued by the Trust, interest shall accrue at the Discount Rate set forth in the Loan Agreement only on that portion of the Loan that has been disbursed to or for the account of the Borrower, payable on the date of such refinancing. Thereafter, Loan Repayments shall be payable on the Loan in accordance.

Massachusetts Water Pollution Abatement Trust
Pool 15-2012 Swap
Massachusetts Water Resources Authority
DW-11-07

Original Loan Amount	-	Loan Origination Fee ($7.5/1000)	0.00
Principal Paid Down	-	Loan Term (in years)	18
Outstanding Loan Obligation	3,026,100.00	Loan Rate	2.00%
Remaining Balance	-	Closing Date	6/6/2012
Net New Loan Obligation	3,026,100.00	First Payment	7/15/2012

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
6/6/2012							
7/15/2012	130,341.62	6,556.55	136,898.17	2,269.58		139,167.75	
1/15/2013		28,957.58	28,957.58	2,171.82		31,129.40	170,297.15
7/15/2013	133,174.42	28,957.58	162,132.00	2,171.82		164,303.82	
1/15/2014		27,625.84	27,625.84	2,071.94		29,697.78	194,001.60
7/15/2014	136,068.78	27,625.84	163,694.62	2,071.94		165,766.56	
1/15/2015		26,265.15	26,265.15	1,969.89		28,235.04	194,001.60
7/15/2015	139,026.05	26,265.15	165,291.21	1,969.89		167,261.09	
1/15/2016		24,874.89	24,874.89	1,865.62		26,740.51	194,001.60
7/15/2016	142,047.60	24,874.89	166,922.49	1,865.62		168,788.10	
1/15/2017		23,454.42	23,454.42	1,759.08		25,213.50	194,001.60
7/15/2017	145,134.81	23,454.42	168,589.22	1,759.08		170,348.30	
1/15/2018		22,003.07	22,003.07	1,650.23		23,653.30	194,001.60
7/15/2018	148,289.11	22,003.07	170,292.18	1,650.23		171,942.41	
1/15/2019		20,520.18	20,520.18	1,539.01		22,059.19	194,001.60
7/15/2019	151,511.98	20,520.18	172,032.15	1,539.01		173,571.16	
1/15/2020		19,005.06	19,005.06	1,425.38		20,430.44	194,001.60
7/15/2020	154,804.88	19,005.06	173,809.94	1,425.38		175,235.32	
1/15/2021		17,457.01	17,457.01	1,309.28		18,766.28	194,001.60
7/15/2021	158,169.35	17,457.01	175,626.36	1,309.28		176,935.64	
1/15/2022		15,875.31	15,875.31	1,190.65		17,065.96	194,001.60
7/15/2022	161,606.95	15,875.31	177,482.26	1,190.65		178,672.91	
1/15/2023		14,259.24	14,259.24	1,069.44		15,328.69	194,001.60
7/15/2023	165,119.26	14,259.24	179,378.50	1,069.44		180,447.94	
1/15/2024		12,608.05	12,608.05	945.60		13,553.66	194,001.60
7/15/2024	168,707.90	12,608.05	181,315.95	945.60		182,261.55	
1/15/2025		10,920.97	10,920.97	819.07		11,740.05	194,001.60
7/15/2025	172,374.53	10,920.97	183,295.51	819.07		184,114.58	
1/15/2026		9,197.23	9,197.23	689.79		9,887.02	194,001.60
7/15/2026	176,120.86	9,197.23	185,318.09	689.79		186,007.88	
1/15/2027		7,436.02	7,436.02	557.70		7,993.72	194,001.60
7/15/2027	179,948.61	7,436.02	187,384.63	557.70		187,942.33	
1/15/2028		5,636.53	5,636.53	422.74		6,059.27	194,001.60
7/15/2028	183,859.54	5,636.53	189,496.08	422.74		189,918.82	
1/15/2029		3,797.94	3,797.94	284.85		4,082.78	194,001.60
7/15/2029	187,855.48	3,797.94	191,653.42	284.85		191,938.26	
1/15/2030		1,919.38	1,919.38	143.95		2,063.34	194,001.60
7/15/2030	191,938.26	1,919.38	193,857.65	143.95		194,001.60	
							194,001.60
	3,026,100.00	590,184.29	3,616,284.29	46,041.66		3,662,325.95	3,662,325.95

Notes:

* Not withstanding the schedule of Loan Repayments set forth above, until the Loan is refinanced with proceeds of bonds to be issued by the Trust, interest shall accrue at the Discount Rate set forth in the Loan Agreement only on that portion of the Loan that has been disbursed to or for the account of the Borrower, payable on the date of such refinancing. Thereafter, Loan Repayments shall be payable on the Loan in accordance.

Massachusetts Water Pollution Abatement Trust
Pool 15-2012 Swap
Massachusetts Water Resources Authority
DW-11-08

Original Loan Amount	-	Loan Origination Fee ($7.5/1000)	0.00
Principal Paid Down	-	Loan Term (in years)	18
Outstanding Loan Obligation	915,733.00	Loan Rate	2.00%
Remaining Balance	-	Closing Date	6/6/2012
Net New Loan Obligation	915,733.00	First Payment	7/15/2012

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
6/6/2012							
7/15/2012	39,442.91	1,984.09	41,427.00	686.79		42,113.78	
1/15/2013		8,762.91	8,762.91	657.21		9,420.12	51,533.90
7/15/2013	40,300.15	8,762.91	49,063.05	657.21		49,720.27	
1/15/2014		8,359.90	8,359.90	626.99		8,986.90	58,707.16
7/15/2014	41,176.02	8,359.90	49,535.92	626.99		50,162.91	
1/15/2015		7,948.14	7,948.14	596.12		8,544.26	58,707.17
7/15/2015	42,070.92	7,948.14	50,019.06	596.12		50,615.18	
1/15/2016		7,527.43	7,527.43	564.54		8,091.98	58,707.16
7/15/2016	42,985.27	7,527.43	50,512.71	564.54		51,077.25	
1/15/2017		7,097.58	7,097.58	532.32		7,629.90	58,707.15
7/15/2017	43,919.50	7,097.58	51,017.08	532.32		51,549.40	
1/15/2018		6,658.39	6,658.39	499.39		7,157.77	58,707.17
7/15/2018	44,874.03	6,658.39	51,532.42	499.39		52,031.80	
1/15/2019		6,209.65	6,209.65	465.74		6,675.39	58,707.19
7/15/2019	45,849.31	6,209.65	52,058.95	465.74		52,524.70	
1/15/2020		5,751.15	5,751.15	431.35		6,182.50	58,707.20
7/15/2020	46,845.78	5,751.15	52,596.93	431.35		53,028.28	
1/15/2021		5,282.70	5,282.70	396.20		5,678.89	58,707.17
7/15/2021	47,863.91	5,282.70	53,146.60	396.20		53,542.80	
1/15/2022		4,804.06	4,804.06	360.31		5,164.37	58,707.17
7/15/2022	48,904.16	4,804.06	53,708.22	360.31		54,068.53	
1/15/2023		4,315.02	4,315.02	323.63		4,638.64	58,707.17
7/15/2023	49,967.03	4,315.02	54,282.05	323.63		54,605.67	
1/15/2024		3,815.34	3,815.34	286.15		4,101.50	58,707.17
7/15/2024	51,053.00	3,815.34	54,868.34	286.15		55,154.50	
1/15/2025		3,304.81	3,304.81	247.85		3,552.67	58,707.16
7/15/2025	52,162.56	3,304.81	55,467.38	247.85		55,715.23	
1/15/2026		2,783.19	2,783.19	208.75		2,991.94	58,707.17
7/15/2026	53,296.24	2,783.19	56,079.43	208.75		56,288.19	
1/15/2027		2,250.23	2,250.23	168.80		2,419.02	58,707.21
7/15/2027	54,454.57	2,250.23	56,704.79	168.80		56,873.59	
1/15/2028		1,705.68	1,705.68	127.91		1,833.60	58,707.18
7/15/2028	55,638.06	1,705.68	57,343.74	127.91		57,471.66	
1/15/2029		1,149.30	1,149.30	86.20		1,235.50	58,707.16
7/15/2029	56,847.28	1,149.30	57,996.58	86.20		58,082.78	
1/15/2030		580.83	580.83	43.57		624.40	58,707.18
7/15/2030	58,082.78	580.83	58,663.60	43.57		58,707.18	
							58,707.18
	915,733.00	178,596.71	1,094,330.18	13,932.85		1,108,263.03	1,108,263.03

Notes:

* Not withstanding the schedule of Loan Repayments set forth above, until the Loan is refinanced with proceeds of bonds to be issued by the Trust, interest shall accrue at the Discount Rate set forth in the Loan Agreement only on that portion of the Loan that has been disbursed to or for the account of the Borrower, payable on the date of such refinancing. Thereafter, Loan Repayments shall be payable on the Loan in accordance.

Massachusetts Water Pollution Abatement Trust
Series 16
MWRA Loan Amortization
CW-10-06

Initial Loan Amount	17,774,444.00	Loan Origination Fee ($5.57/1000)	99,003.65
Principal Forgiveness	-	Loan Term (in years)	30
Net Loan Obligation	17,774,444.00	Loan Rate	2.37%
		Closing Date	6/13/2012
		First Payment	1/15/2013

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
6/13/2012							
1/15/2013		248,071.99	248,071.99	13,330.83	99,003.65	360,406.48	360,406.48
7/15/2013	401,506.00	210,627.16	612,133.16	13,330.83		625,463.99	
1/15/2014		205,869.32	205,869.32	13,029.70		218,899.02	844,363.01
7/15/2014	411,753.00	205,869.32	617,622.32	13,029.70		630,652.02	
1/15/2015		200,990.04	200,990.04	12,720.89		213,710.93	844,362.95
7/15/2015	422,262.00	200,990.04	623,252.04	12,720.89		635,972.93	
1/15/2016		195,986.24	195,986.24	12,404.19		208,390.43	844,363.36
7/15/2016	433,039.00	195,986.24	629,025.24	12,404.19		641,429.43	
1/15/2017		190,854.73	190,854.73	12,079.41		202,934.14	844,363.57
7/15/2017	444,090.00	190,854.73	634,944.73	12,079.41		647,024.14	
1/15/2018		185,592.26	185,592.26	11,746.35		197,338.60	844,362.74
7/15/2018	455,424.00	185,592.26	641,016.26	11,746.35		652,762.60	
1/15/2019		180,195.48	180,195.48	11,404.78		191,600.26	844,362.87
7/15/2019	467,047.00	180,195.48	647,242.48	11,404.78		658,647.26	
1/15/2020		174,660.98	174,660.98	11,054.49		185,715.47	844,362.73
7/15/2020	478,967.00	174,660.98	653,627.98	11,054.49		664,682.47	
1/15/2021		168,985.22	168,985.22	10,695.27		179,680.49	844,362.96
7/15/2021	491,191.00	168,985.22	660,176.22	10,695.27		670,871.49	
1/15/2022		163,164.61	163,164.61	10,326.87		173,491.48	844,362.96
7/15/2022	503,727.00	163,164.61	666,891.61	10,326.87		677,218.48	
1/15/2023		157,195.44	157,195.44	9,949.08		167,144.52	844,363.00
7/15/2023	516,583.00	157,195.44	673,778.44	9,949.08		683,727.52	
1/15/2024		151,073.93	151,073.93	9,561.64		160,635.57	844,363.09
7/15/2024	529,767.00	151,073.93	680,840.93	9,561.64		690,402.57	
1/15/2025		144,796.19	144,796.19	9,164.32		153,960.51	844,363.08
7/15/2025	543,288.00	144,796.19	688,084.19	9,164.32		697,248.51	
1/15/2026		138,358.23	138,358.23	8,756.85		147,115.08	844,363.59
7/15/2026	557,153.00	138,358.23	695,511.23	8,756.85		704,268.08	
1/15/2027		131,755.97	131,755.97	8,338.99		140,094.95	844,363.03
7/15/2027	571,372.00	131,755.97	703,127.97	8,338.99		711,466.95	
1/15/2028		124,985.21	124,985.21	7,910.46		132,895.67	844,362.62
7/15/2028	585,955.00	124,985.21	710,940.21	7,910.46		718,850.67	
1/15/2029		118,041.64	118,041.64	7,470.99		125,512.63	844,363.30
7/15/2029	600,909.00	118,041.64	718,950.64	7,470.99		726,421.63	
1/15/2030		110,920.87	110,920.87	7,020.31		117,941.18	844,362.81
7/15/2030	616,245.00	110,920.87	727,165.87	7,020.31		734,186.18	
1/15/2031		103,618.37	103,618.37	6,558.12		110,176.49	844,362.67
7/15/2031	631,973.00	103,618.37	735,591.37	6,558.12		742,149.49	
1/15/2032		96,129.49	96,129.49	6,084.14		102,213.63	844,363.12
7/15/2032	648,102.00	96,129.49	744,231.49	6,084.14		750,315.63	
1/15/2033		88,449.48	88,449.48	5,598.07		94,047.55	844,363.18
7/15/2033	664,643.00	88,449.48	753,092.48	5,598.07		758,690.55	
1/15/2034		80,573.46	80,573.46	5,099.59		85,673.04	844,363.59
7/15/2034	681,605.00	80,573.46	762,178.46	5,099.59		767,278.04	
1/15/2035		72,496.44	72,496.44	4,588.38		77,084.82	844,362.87
7/15/2035	699,001.00	72,496.44	771,497.44	4,588.38		776,085.82	
1/15/2036		64,213.28	64,213.28	4,064.13		68,277.41	844,363.23
7/15/2036	716,840.00	64,213.28	781,053.28	4,064.13		785,117.41	
1/15/2037		55,718.72	55,718.72	3,526.50		59,245.23	844,362.63
7/15/2037	735,135.00	55,718.72	790,853.72	3,526.50		794,380.23	
1/15/2038		47,007.37	47,007.37	2,975.15		49,982.52	844,362.75
7/15/2038	753,897.00	47,007.37	800,904.37	2,975.15		803,879.52	
1/15/2039		38,073.69	38,073.69	2,409.73		40,483.42	844,362.95
7/15/2039	773,138.00	38,073.69	811,211.69	2,409.73		813,621.42	
1/15/2040		28,912.01	28,912.01	1,829.87		30,741.88	844,363.31
7/15/2040	792,870.00	28,912.01	821,782.01	1,829.87		823,611.88	
1/15/2041		19,516.50	19,516.50	1,235.22		20,751.72	844,363.60
7/15/2041	813,105.00	19,516.50	832,621.50	1,235.22		833,856.72	
1/15/2042		9,881.21	9,881.21	625.39		10,506.60	844,363.32
7/15/2042	833,857.00	9,881.21	843,738.21	625.39		844,363.60	
1/15/2043							844,363.60
	17,774,444.00	7,354,731.88	25,129,175.88	463,119.43	99,003.65	25,691,298.96	25,691,298.96

Notes:

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Massachusetts Water Pollution Abatement Trust
Series 16
MWRA Loan Amortization
DW-10-11

Initial Loan Amount	2,000,000.00	Loan Origination Fee ($5.57/1000)	11,140.00
Principal Forgiveness	-	Loan Term (in years)	20
Net Loan Obligation	2,000,000.00	Loan Rate	2.00%
		Closing Date	6/13/2012
		First Payment	1/15/2013

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
6/13/2012							
1/15/2013		23,555.56	23,555.56	1,500.00	11,140.00	36,195.56	36,195.56
7/15/2013	80,902.00	20,000.00	100,902.00	1,500.00		102,402.00	
1/15/2014		19,190.98	19,190.98	1,439.32		20,630.30	123,032.30
7/15/2014	82,660.00	19,190.98	101,850.98	1,439.32		103,290.30	
1/15/2015		18,364.38	18,364.38	1,377.33		19,741.71	123,032.01
7/15/2015	84,457.00	18,364.38	102,821.38	1,377.33		104,198.71	
1/15/2016		17,519.81	17,519.81	1,313.99		18,833.80	123,032.50
7/15/2016	86,292.00	17,519.81	103,811.81	1,313.99		105,125.80	
1/15/2017		16,656.89	16,656.89	1,249.27		17,906.16	123,031.95
7/15/2017	88,168.00	16,656.89	104,824.89	1,249.27		106,074.16	
1/15/2018		15,775.21	15,775.21	1,183.14		16,958.35	123,032.51
7/15/2018	90,084.00	15,775.21	105,859.21	1,183.14		107,042.35	
1/15/2019		14,874.37	14,874.37	1,115.58		15,989.95	123,032.30
7/15/2019	92,042.00	14,874.37	106,916.37	1,115.58		108,031.95	
1/15/2020		13,953.95	13,953.95	1,046.55		15,000.50	123,032.44
7/15/2020	94,042.00	13,953.95	107,995.95	1,046.55		109,042.50	
1/15/2021		13,013.53	13,013.53	976.01		13,989.54	123,032.04
7/15/2021	96,086.00	13,013.53	109,099.53	976.01		110,075.54	
1/15/2022		12,052.67	12,052.67	903.95		12,956.62	123,032.17
7/15/2022	98,174.00	12,052.67	110,226.67	903.95		111,130.62	
1/15/2023		11,070.93	11,070.93	830.32		11,901.25	123,031.87
7/15/2023	100,308.00	11,070.93	111,378.93	830.32		112,209.25	
1/15/2024		10,067.85	10,067.85	755.09		10,822.94	123,032.19
7/15/2024	102,488.00	10,067.85	112,555.85	755.09		113,310.94	
1/15/2025		9,042.97	9,042.97	678.22		9,721.19	123,032.13
7/15/2025	104,716.00	9,042.97	113,758.97	678.22		114,437.19	
1/15/2026		7,995.81	7,995.81	599.69		8,595.50	123,032.69
7/15/2026	106,992.00	7,995.81	114,987.81	599.69		115,587.50	
1/15/2027		6,925.89	6,925.89	519.44		7,445.33	123,032.83
7/15/2027	109,317.00	6,925.89	116,242.89	519.44		116,762.33	
1/15/2028		5,832.72	5,832.72	437.45		6,270.17	123,032.51
7/15/2028	111,693.00	5,832.72	117,525.72	437.45		117,963.17	
1/15/2029		4,715.79	4,715.79	353.68		5,069.47	123,032.65
7/15/2029	114,120.00	4,715.79	118,835.79	353.68		119,189.47	
1/15/2030		3,574.59	3,574.59	268.09		3,842.68	123,032.16
7/15/2030	116,600.00	3,574.59	120,174.59	268.09		120,442.68	
1/15/2031		2,408.59	2,408.59	180.64		2,589.23	123,031.92
7/15/2031	119,135.00	2,408.59	121,543.59	180.64		121,724.23	
1/15/2032		1,217.24	1,217.24	91.29		1,308.53	123,032.77
7/15/2032	121,724.00	1,217.24	122,941.24	91.29		123,032.53	
1/15/2033							123,032.53
	2,000,000.00	452,063.90	2,452,063.90	33,638.13	11,140.00	2,496,842.02	2,496,842.02

Notes:

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Massachusetts Water Pollution Abatement Trust
Series 16
MWRA Loan Amortization
DW-10-12

Initial Loan Amount	4,588,628.00	Loan Origination Fee ($5.57/1000)	25,558.66
Principal Forgiveness	-	Loan Term (in years)	20
Net Loan Obligation	4,588,628.00	Loan Rate	2.00%
		Closing Date	6/13/2012
		First Payment	1/15/2013

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
6/13/2012							
1/15/2013		54,043.84	54,043.84	3,441.47	25,558.66	83,043.97	83,043.97
7/15/2013	185,615.00	45,886.28	231,501.28	3,441.47		234,942.75	
1/15/2014		44,030.13	44,030.13	3,302.26		47,332.39	282,275.14
7/15/2014	189,649.00	44,030.13	233,679.13	3,302.26		236,981.39	
1/15/2015		42,133.64	42,133.64	3,160.02		45,293.66	282,275.05
7/15/2015	193,770.00	42,133.64	235,903.64	3,160.02		239,063.66	
1/15/2016		40,195.94	40,195.94	3,014.70		43,210.64	282,274.30
7/15/2016	197,982.00	40,195.94	238,177.94	3,014.70		241,192.64	
1/15/2017		38,216.12	38,216.12	2,866.21		41,082.33	282,274.96
7/15/2017	202,285.00	38,216.12	240,501.12	2,866.21		243,367.33	
1/15/2018		36,193.27	36,193.27	2,714.50		38,907.77	282,275.09
7/15/2018	206,681.00	36,193.27	242,874.27	2,714.50		245,588.77	
1/15/2019		34,126.46	34,126.46	2,559.48		36,685.94	282,274.71
7/15/2019	211,173.00	34,126.46	245,299.46	2,559.48		247,858.94	
1/15/2020		32,014.73	32,014.73	2,401.10		34,415.83	282,274.78
7/15/2020	215,762.00	32,014.73	247,776.73	2,401.10		250,177.83	
1/15/2021		29,857.11	29,857.11	2,239.28		32,096.39	282,274.23
7/15/2021	220,452.00	29,857.11	250,309.11	2,239.28		252,548.39	
1/15/2022		27,652.59	27,652.59	2,073.94		29,726.53	282,274.93
7/15/2022	225,243.00	27,652.59	252,895.59	2,073.94		254,969.53	
1/15/2023		25,400.16	25,400.16	1,905.01		27,305.17	282,274.71
7/15/2023	230,138.00	25,400.16	255,538.16	1,905.01		257,443.17	
1/15/2024		23,098.78	23,098.78	1,732.41		24,831.19	282,274.36
7/15/2024	235,140.00	23,098.78	258,238.78	1,732.41		259,971.19	
1/15/2025		20,747.38	20,747.38	1,556.05		22,303.43	282,274.62
7/15/2025	240,251.00	20,747.38	260,998.38	1,556.05		262,554.43	
1/15/2026		18,344.87	18,344.87	1,375.87		19,720.74	282,275.17
7/15/2026	245,472.00	18,344.87	263,816.87	1,375.87		265,192.74	
1/15/2027		15,890.15	15,890.15	1,191.76		17,081.91	282,274.65
7/15/2027	250,807.00	15,890.15	266,697.15	1,191.76		267,888.91	
1/15/2028		13,382.08	13,382.08	1,003.66		14,385.74	282,274.65
7/15/2028	256,258.00	13,382.08	269,640.08	1,003.66		270,643.74	
1/15/2029		10,819.50	10,819.50	811.46		11,630.96	282,274.70
7/15/2029	261,827.00	10,819.50	272,646.50	811.46		273,457.96	
1/15/2030		8,201.23	8,201.23	615.09		8,816.32	282,274.28
7/15/2030	267,518.00	8,201.23	275,719.23	615.09		276,334.32	
1/15/2031		5,526.05	5,526.05	414.45		5,940.50	282,274.83
7/15/2031	273,332.00	5,526.05	278,858.05	414.45		279,272.50	
1/15/2032		2,792.73	2,792.73	209.45		3,002.18	282,274.69
7/15/2032	279,273.00	2,792.73	282,065.73	209.45		282,275.18	
1/15/2033							282,275.18
	4,588,628.00	1,037,175.96	5,625,803.96	77,176.38	25,558.66	5,728,539.00	5,728,539.00

Notes:

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Massachusetts Water Pollution Abatement Trust
Series 16
MWRA Loan Amortization
DW-10-13

Initial Loan Amount	1,000,000.00	Loan Origination Fee ($5.57/1000)	5,570.00
Principal Forgiveness	-	Loan Term (in years)	20
Net Loan Obligation	1,000,000.00	Loan Rate	2.00%
		Closing Date	6/13/2012
		First Payment	1/15/2013

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
6/13/2012							
1/15/2013		11,777.78	11,777.78	750.00	5,570.00	18,097.78	18,097.78
7/15/2013	40,451.00	10,000.00	50,451.00	750.00		51,201.00	
1/15/2014		9,595.49	9,595.49	719.66		10,315.15	61,516.15
7/15/2014	41,330.00	9,595.49	50,925.49	719.66		51,645.15	
1/15/2015		9,182.19	9,182.19	688.66		9,870.85	61,516.01
7/15/2015	42,229.00	9,182.19	51,411.19	688.66		52,099.85	
1/15/2016		8,759.90	8,759.90	656.99		9,416.89	61,516.75
7/15/2016	43,146.00	8,759.90	51,905.90	656.99		52,562.89	
1/15/2017		8,328.44	8,328.44	624.63		8,953.07	61,515.97
7/15/2017	44,084.00	8,328.44	52,412.44	624.63		53,037.07	
1/15/2018		7,887.60	7,887.60	591.57		8,479.17	61,516.24
7/15/2018	45,042.00	7,887.60	52,929.60	591.57		53,521.17	
1/15/2019		7,437.18	7,437.18	557.79		7,994.97	61,516.14
7/15/2019	46,021.00	7,437.18	53,458.18	557.79		54,015.97	
1/15/2020		6,976.97	6,976.97	523.27		7,500.24	61,516.21
7/15/2020	47,021.00	6,976.97	53,997.97	523.27		54,521.24	
1/15/2021		6,506.76	6,506.76	488.01		6,994.77	61,516.01
7/15/2021	48,043.00	6,506.76	54,549.76	488.01		55,037.77	
1/15/2022		6,026.33	6,026.33	451.97		6,478.30	61,516.07
7/15/2022	49,087.00	6,026.33	55,113.33	451.97		55,565.30	
1/15/2023		5,535.46	5,535.46	415.16		5,950.62	61,515.92
7/15/2023	50,154.00	5,535.46	55,689.46	415.16		56,104.62	
1/15/2024		5,033.92	5,033.92	377.54		5,411.46	61,516.08
7/15/2024	51,244.00	5,033.92	56,277.92	377.54		56,655.46	
1/15/2025		4,521.48	4,521.48	339.11		4,860.59	61,516.06
7/15/2025	52,358.00	4,521.48	56,879.48	339.11		57,218.59	
1/15/2026		3,997.90	3,997.90	299.84		4,297.74	61,516.33
7/15/2026	53,496.00	3,997.90	57,493.90	299.84		57,793.74	
1/15/2027		3,462.94	3,462.94	259.72		3,722.66	61,516.40
7/15/2027	54,659.00	3,462.94	58,121.94	259.72		58,381.66	
1/15/2028		2,916.35	2,916.35	218.73		3,135.08	61,516.74
7/15/2028	55,846.00	2,916.35	58,762.35	218.73		58,981.08	
1/15/2029		2,357.89	2,357.89	176.84		2,534.73	61,515.81
7/15/2029	57,060.00	2,357.89	59,417.89	176.84		59,594.73	
1/15/2030		1,787.29	1,787.29	134.05		1,921.34	61,516.07
7/15/2030	58,300.00	1,787.29	60,087.29	134.05		60,221.34	
1/15/2031		1,204.29	1,204.29	90.32		1,294.61	61,515.95
7/15/2031	59,567.00	1,204.29	60,771.29	90.32		60,861.61	
1/15/2032		608.62	608.62	45.65		654.27	61,515.88
7/15/2032	60,862.00	608.62	61,470.62	45.65		61,516.27	
1/15/2033							61,516.27
	1,000,000.00	226,031.78	1,226,031.78	16,819.05	5,570.00	1,248,420.83	1,248,420.83

Notes:

* Not withstanding the schedule of Loan Repayments set forth above, until the Loan is refinanced with proceeds of bonds to be issued by the Trust interest shall accrue at the Discount Rate set forth in the Loan Agreement only on that portion of the Loan that has been disbursed to or for the account of the Borrower, payable on the date of such refinancing. Thereafter, Loan Repayments shall be payable on the Loan in accordance.

**This project may qualify for principal forgiveness in accordance with schedule B to the Loan Agreement. Principal forgiveness shown on this schedule is an estimate, and is not a guarantee.

Massachusetts Water Pollution Abatement Trust
Series 16
MWRA Loan Amortization
CW-10-13

Initial Loan Amount	6,000,000.00	Loan Origination Fee ($5.57/1000)	33,420.00
Principal Forgiveness	-	Loan Term (in years)	30
Net Loan Obligation	6,000,000.00	Loan Rate	2.37%
		Closing Date	6/13/2012
		First Payment	1/15/2013

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
6/13/2012							
1/15/2013		83,740.00	83,740.00	4,500.00	33,420.00	121,660.00	121,660.00
7/15/2013	135,534.00	71,100.00	206,634.00	4,500.00		211,134.00	
1/15/2014		69,493.92	69,493.92	4,398.35		73,892.27	285,026.27
7/15/2014	138,993.00	69,493.92	208,486.92	4,398.35		212,885.27	
1/15/2015		67,846.86	67,846.86	4,294.10		72,140.96	285,026.23
7/15/2015	142,540.00	67,846.86	210,386.86	4,294.10		214,680.96	
1/15/2016		66,157.76	66,157.76	4,187.20		70,344.96	285,025.92
7/15/2016	146,178.00	66,157.76	212,335.76	4,187.20		216,522.96	
1/15/2017		64,425.55	64,425.55	4,077.57		68,503.11	285,026.07
7/15/2017	149,909.00	64,425.55	214,334.55	4,077.57		218,412.11	
1/15/2018		62,649.13	62,649.13	3,965.13		66,614.26	285,026.37
7/15/2018	153,734.00	62,649.13	216,383.13	3,965.13		220,348.26	
1/15/2019		60,827.38	60,827.38	3,849.83		64,677.21	285,025.47
7/15/2019	157,658.00	60,827.38	218,485.38	3,849.83		222,335.21	
1/15/2020		58,959.13	58,959.13	3,731.59		62,690.72	285,025.93
7/15/2020	161,682.00	58,959.13	220,641.13	3,731.59		224,372.72	
1/15/2021		57,043.20	57,043.20	3,610.33		60,653.53	285,026.25
7/15/2021	165,808.00	57,043.20	222,851.20	3,610.33		226,461.53	
1/15/2022		55,078.37	55,078.37	3,485.97		58,564.35	285,025.87
7/15/2022	170,040.00	55,078.37	225,118.37	3,485.97		228,604.35	
1/15/2023		53,063.40	53,063.40	3,358.44		56,421.84	285,026.19
7/15/2023	174,379.00	53,063.40	227,442.40	3,358.44		230,800.84	
1/15/2024		50,997.01	50,997.01	3,227.66		54,224.67	285,025.51
7/15/2024	178,830.00	50,997.01	229,827.01	3,227.66		233,054.67	
1/15/2025		48,877.87	48,877.87	3,093.54		51,971.41	285,026.08
7/15/2025	183,394.00	48,877.87	232,271.87	3,093.54		235,365.41	
1/15/2026		46,704.65	46,704.65	2,955.99		49,660.64	285,026.05
7/15/2026	188,074.00	46,704.65	234,778.65	2,955.99		237,734.64	
1/15/2027		44,475.98	44,475.98	2,814.94		47,290.91	285,025.56
7/15/2027	192,874.00	44,475.98	237,349.98	2,814.94		240,164.91	
1/15/2028		42,190.42	42,190.42	2,670.28		44,860.70	285,025.61
7/15/2028	197,797.00	42,190.42	239,987.42	2,670.28		242,657.70	
1/15/2029		39,846.53	39,846.53	2,521.93		42,368.46	285,026.16
7/15/2029	202,845.00	39,846.53	242,691.53	2,521.93		245,213.46	
1/15/2030		37,442.81	37,442.81	2,369.80		39,812.61	285,026.07
7/15/2030	208,022.00	37,442.81	245,464.81	2,369.80		247,834.61	
1/15/2031		34,977.75	34,977.75	2,213.78		37,191.53	285,026.14
7/15/2031	213,331.00	34,977.75	248,308.75	2,213.78		250,522.53	
1/15/2032		32,449.78	32,449.78	2,053.78		34,503.56	285,026.10
7/15/2032	218,775.00	32,449.78	251,224.78	2,053.78		253,278.56	
1/15/2033		29,857.30	29,857.30	1,889.70		31,747.00	285,025.56
7/15/2033	224,359.00	29,857.30	254,216.30	1,889.70		256,106.00	
1/15/2034		27,198.64	27,198.64	1,721.43		28,920.07	285,026.07
7/15/2034	230,085.00	27,198.64	257,283.64	1,721.43		259,005.07	
1/15/2035		24,472.13	24,472.13	1,548.87		26,021.00	285,026.08
7/15/2035	235,957.00	24,472.13	260,429.13	1,548.87		261,978.00	
1/15/2036		21,676.04	21,676.04	1,371.90		23,047.95	285,025.95
7/15/2036	241,979.00	21,676.04	263,655.04	1,371.90		265,026.95	
1/15/2037		18,808.59	18,808.59	1,190.42		19,999.01	285,025.96
7/15/2037	248,155.00	18,808.59	266,963.59	1,190.42		268,154.01	
1/15/2038		15,867.96	15,867.96	1,004.30		16,872.26	285,026.27
7/15/2038	254,488.00	15,867.96	270,355.96	1,004.30		271,360.26	
1/15/2039		12,852.27	12,852.27	813.44		13,665.71	285,025.96
7/15/2039	260,983.00	12,852.27	273,835.27	813.44		274,648.71	
1/15/2040		9,759.62	9,759.62	617.70		10,377.32	285,026.03
7/15/2040	267,644.00	9,759.62	277,403.62	617.70		278,021.32	
1/15/2041		6,588.04	6,588.04	416.96		7,005.01	285,026.33
7/15/2041	274,474.00	6,588.04	281,062.04	416.96		281,479.01	
1/15/2042		3,335.53	3,335.53	211.11		3,546.64	285,025.64
7/15/2042	281,479.00	3,335.53	284,814.53	211.11		285,025.64	
1/15/2043							285,025.64
	6,000,000.00	2,482,687.23	8,482,687.23	156,332.10	33,420.00	8,672,439.33	8,672,439.33

Notes:

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Massachusetts Water Pollution Abatement Trust
Series 16
MWRA Loan Amortization
DW-10-14

Initial Loan Amount	1,000,000.00	Loan Origination Fee ($5.57/1000)	5,570.00
Principal Forgiveness	-	Loan Term (in years)	20
Net Loan Obligation	1,000,000.00	Loan Rate	2.00%
		Closing Date	6/13/2012
		First Payment	1/15/2013

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
6/13/2012							
1/15/2013		11,777.78	11,777.78	750.00	5,570.00	18,097.78	18,097.78
7/15/2013	40,451.00	10,000.00	50,451.00	750.00		51,201.00	
1/15/2014		9,595.49	9,595.49	719.66		10,315.15	61,516.15
7/15/2014	41,330.00	9,595.49	50,925.49	719.66		51,645.15	
1/15/2015		9,182.19	9,182.19	688.66		9,870.85	61,516.01
7/15/2015	42,229.00	9,182.19	51,411.19	688.66		52,099.85	
1/15/2016		8,759.90	8,759.90	656.99		9,416.89	61,516.75
7/15/2016	43,146.00	8,759.90	51,905.90	656.99		52,562.89	
1/15/2017		8,328.44	8,328.44	624.63		8,953.07	61,515.97
7/15/2017	44,084.00	8,328.44	52,412.44	624.63		53,037.07	
1/15/2018		7,887.60	7,887.60	591.57		8,479.17	61,516.24
7/15/2018	45,042.00	7,887.60	52,929.60	591.57		53,521.17	
1/15/2019		7,437.18	7,437.18	557.79		7,994.97	61,516.14
7/15/2019	46,021.00	7,437.18	53,458.18	557.79		54,015.97	
1/15/2020		6,976.97	6,976.97	523.27		7,500.24	61,516.21
7/15/2020	47,021.00	6,976.97	53,997.97	523.27		54,521.24	
1/15/2021		6,506.76	6,506.76	488.01		6,994.77	61,516.01
7/15/2021	48,043.00	6,506.76	54,549.76	488.01		55,037.77	
1/15/2022		6,026.33	6,026.33	451.97		6,478.30	61,516.07
7/15/2022	49,087.00	6,026.33	55,113.33	451.97		55,565.30	
1/15/2023		5,535.46	5,535.46	415.16		5,950.62	61,515.92
7/15/2023	50,154.00	5,535.46	55,689.46	415.16		56,104.62	
1/15/2024		5,033.92	5,033.92	377.54		5,411.46	61,516.08
7/15/2024	51,244.00	5,033.92	56,277.92	377.54		56,655.46	
1/15/2025		4,521.48	4,521.48	339.11		4,860.59	61,516.06
7/15/2025	52,358.00	4,521.48	56,879.48	339.11		57,218.59	
1/15/2026		3,997.90	3,997.90	299.84		4,297.74	61,516.33
7/15/2026	53,496.00	3,997.90	57,493.90	299.84		57,793.74	
1/15/2027		3,462.94	3,462.94	259.72		3,722.66	61,516.40
7/15/2027	54,659.00	3,462.94	58,121.94	259.72		58,381.66	
1/15/2028		2,916.35	2,916.35	218.73		3,135.08	61,516.74
7/15/2028	55,846.00	2,916.35	58,762.35	218.73		58,981.08	
1/15/2029		2,357.89	2,357.89	176.84		2,534.73	61,515.81
7/15/2029	57,060.00	2,357.89	59,417.89	176.84		59,594.73	
1/15/2030		1,787.29	1,787.29	134.05		1,921.34	61,516.07
7/15/2030	58,300.00	1,787.29	60,087.29	134.05		60,221.34	
1/15/2031		1,204.29	1,204.29	90.32		1,294.61	61,515.95
7/15/2031	59,567.00	1,204.29	60,771.29	90.32		60,861.61	
1/15/2032		608.62	608.62	45.65		654.27	61,515.88
7/15/2032	60,862.00	608.62	61,470.62	45.65		61,516.27	
1/15/2033							61,516.27
	1,000,000.00	226,031.78	1,226,031.78	16,819.05	5,570.00	1,248,420.83	1,248,420.83

Notes:

* Not withstanding the schedule of Loan Repayments set forth above, until the Loan is refinanced with proceeds of bonds to be issued by the Trust interest shall accrue at the Discount Rate set forth in the Loan Agreement only on that portion of the Loan that has been disbursed to or for the account of the Borrower, payable on the date of such refinancing. Thereafter, Loan Repayments shall be payable on the Loan in accordance.

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Massachusetts Water Pollution Abatement Trust
Series 16
MWRA Loan Amortization
CW-10-29

Initial Loan Amount	1,000,000.00	Loan Origination Fee ($5.57/1000)	5,570.00
Principal Forgiveness	-	Loan Term (in years)	10
Net Loan Obligation	1,000,000.00	Loan Rate	2.00%
		Closing Date	6/13/2012
		First Payment	1/15/2013

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
6/13/2012							
1/15/2013		11,777.78	11,777.78	750.00	5,570.00	18,097.78	18,097.78
7/15/2013	90,605.00	10,000.00	100,605.00	750.00		101,355.00	
1/15/2014		9,093.95	9,093.95	682.05		9,776.00	111,131.00
7/15/2014	92,574.00	9,093.95	101,667.95	682.05		102,350.00	
1/15/2015		8,168.21	8,168.21	612.62		8,780.83	111,130.82
7/15/2015	94,586.00	8,168.21	102,754.21	612.62		103,366.83	
1/15/2016		7,222.35	7,222.35	541.68		7,764.03	111,130.85
7/15/2016	96,642.00	7,222.35	103,864.35	541.68		104,406.03	
1/15/2017		6,255.93	6,255.93	469.19		6,725.12	111,131.15
7/15/2017	98,742.00	6,255.93	104,997.93	469.19		105,467.12	
1/15/2018		5,268.51	5,268.51	395.14		5,663.65	111,130.77
7/15/2018	100,888.00	5,268.51	106,156.51	395.14		106,551.65	
1/15/2019		4,259.63	4,259.63	319.47		4,579.10	111,130.75
7/15/2019	103,081.00	4,259.63	107,340.63	319.47		107,660.10	
1/15/2020		3,228.82	3,228.82	242.16		3,470.98	111,131.08
7/15/2020	105,322.00	3,228.82	108,550.82	242.16		108,792.98	
1/15/2021		2,175.60	2,175.60	163.17		2,338.77	111,131.75
7/15/2021	107,611.00	2,175.60	109,786.60	163.17		109,949.77	
1/15/2022		1,099.49	1,099.49	82.46		1,181.95	111,131.72
7/15/2022	109,949.00	1,099.49	111,048.49	82.46		111,130.95	
1/15/2023							111,130.95
	1,000,000.00	115,322.76	1,115,322.76	8,515.87	5,570.00	1,129,408.63	1,129,408.63

Notes:

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Massachusetts Water Pollution Abatement Trust
Series 16
MWRA Loan Amortization
CW-10-30

Initial Loan Amount	19,274,800.00	Loan Origination Fee ($5.57/1000)	107,360.64
Principal Forgiveness	-	Loan Term (in years)	14
Net Loan Obligation	19,274,800.00	Loan Rate	2.00%
		Closing Date	6/13/2012
		First Payment	1/15/2013

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
6/13/2012							
1/15/2013		227,014.31	227,014.31	14,456.10	107,360.64	348,831.05	348,831.05
7/15/2013	1,192,715.00	192,748.00	1,385,463.00	14,456.10		1,399,919.10	
1/15/2014		180,820.85	180,820.85	13,561.56		194,382.41	1,594,301.51
7/15/2014	1,218,638.00	180,820.85	1,399,458.85	13,561.56		1,413,020.41	
1/15/2015		168,634.47	168,634.47	12,647.59		181,282.06	1,594,302.47
7/15/2015	1,245,123.00	168,634.47	1,413,757.47	12,647.59		1,426,405.06	
1/15/2016		156,183.24	156,183.24	11,713.74		167,896.98	1,594,302.04
7/15/2016	1,272,184.00	156,183.24	1,428,367.24	11,713.74		1,440,080.98	
1/15/2017		143,461.40	143,461.40	10,759.61		154,221.01	1,594,301.99
7/15/2017	1,299,833.00	143,461.40	1,443,294.40	10,759.61		1,454,054.01	
1/15/2018		130,463.07	130,463.07	9,784.73		140,247.80	1,594,301.81
7/15/2018	1,328,083.00	130,463.07	1,458,546.07	9,784.73		1,468,330.80	
1/15/2019		117,182.24	117,182.24	8,788.67		125,970.91	1,594,301.71
7/15/2019	1,356,947.00	117,182.24	1,474,129.24	8,788.67		1,482,917.91	
1/15/2020		103,612.77	103,612.77	7,770.96		111,383.73	1,594,301.64
7/15/2020	1,386,439.00	103,612.77	1,490,051.77	7,770.96		1,497,822.73	
1/15/2021		89,748.38	89,748.38	6,731.13		96,479.51	1,594,302.24
7/15/2021	1,416,571.00	89,748.38	1,506,319.38	6,731.13		1,513,050.51	
1/15/2022		75,582.67	75,582.67	5,668.70		81,251.37	1,594,301.88
7/15/2022	1,447,358.00	75,582.67	1,522,940.67	5,668.70		1,528,609.37	
1/15/2023		61,109.09	61,109.09	4,583.18		65,692.27	1,594,301.64
7/15/2023	1,478,815.00	61,109.09	1,539,924.09	4,583.18		1,544,507.27	
1/15/2024		46,320.94	46,320.94	3,474.07		49,795.01	1,594,302.28
7/15/2024	1,510,955.00	46,320.94	1,557,275.94	3,474.07		1,560,750.01	
1/15/2025		31,211.39	31,211.39	2,340.85		33,552.24	1,594,302.25
7/15/2025	1,543,793.00	31,211.39	1,575,004.39	2,340.85		1,577,345.24	
1/15/2026		15,773.46	15,773.46	1,183.01		16,956.47	1,594,301.71
7/15/2026	1,577,346.00	15,773.46	1,593,119.46	1,183.01		1,594,302.47	
1/15/2027							1,594,302.47
	19,274,800.00	3,059,970.25	22,334,770.25	226,927.80	107,360.64	22,669,058.68	22,669,058.68

Notes:

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Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 5
M.W.R.A
97-66
Final Structuring Analysis

AMENDED SCHEDULE C

G.E. 50.00%

Schedule of Payments

Initial Principal Amount: 9,531,188.00

	Schedule of Payments			Subsidy Amounts			Net Payments		
Date	Principal	Interest	Total	Equity Earnings	Commonwealth Subsidies	Total	Principal	Interest	Total
01-Feb-05	0.00	232,587.98	232,587.98	101,530.03	0.00	101,530.03	0.00	131,057.95	131,057.95
01-Aug-05	251,114.00	240,902.10	492,016.10	101,530.03	162,068.84	263,598.87	228,417.23	0.00	228,417.23
01-Feb-06	0.00	251,418.92	251,418.92	98,855.06	9,271.99	108,127.05	0.00	143,291.87	143,291.87
01-Aug-06	257,664.00	228,329.33	485,993.33	98,855.06	161,203.91	260,058.97	225,934.36	0.00	225,934.36
01-Feb-07	0.00	250,685.49	250,685.49	96,110.32	9,271.99	105,382.31	0.00	145,303.18	145,303.18
01-Aug-07	264,648.00	226,204.07	490,852.07	96,110.32	165,764.44	261,874.76	228,977.31	0.00	228,977.31
01-Feb-08	0.00	249,786.35	249,786.35	93,291.18	9,271.99	102,563.17	0.00	147,223.17	147,223.17
01-Aug-08	272,093.00	205,446.10	477,539.10	93,291.18	161,230.53	254,521.71	223,017.38	0.00	223,017.38
01-Feb-09	0.00	248,727.04	248,727.04	90,392.74	9,271.99	99,664.73	0.00	149,062.31	149,062.31
01-Aug-09	280,528.00	202,551.18	483,079.18	90,392.74	166,128.58	256,521.32	226,557.86	0.00	226,557.86
01-Feb-10	0.00	247,523.95	247,523.95	87,404.44	9,271.99	96,676.43	0.00	150,847.51	150,847.51
01-Aug-10	290,182.00	173,740.87	463,922.87	87,404.44	152,890.21	240,294.66	223,628.22	0.00	223,628.22
01-Feb-11	0.00	235,239.11	235,239.11	84,313.31	9,271.99	93,585.30	0.00	141,653.81	141,653.81
01-Aug-11	300,188.00	174,403.39	474,591.39	84,313.31	159,178.97	243,492.28	231,099.11	0.00	231,099.11
01-Feb-12	0.00	231,832.02	231,832.02	81,115.59	9,271.99	90,387.58	0.00	141,444.44	141,444.44
01-Aug-12	310,194.00	181,739.78	491,933.78	81,115.59	162,767.78	243,883.37	248,050.40	0.00	248,050.40
01-Feb-13	0.00	215,075.35	215,075.35	77,811.28	9,271.99	87,083.27	0.00	127,992.09	127,992.09
01-Aug-13	320,201.00	176,786.84	496,987.84	77,811.28	165,829.92	243,641.20	253,346.64	0.00	253,346.64
01-Feb-14	0.00	208,816.71	208,816.71	74,400.37	9,271.99	83,672.36	0.00	125,144.35	125,144.35
01-Aug-14	335,207.00	176,100.20	511,307.20	74,400.37	163,882.97	238,283.34	273,023.86	0.00	273,023.86
01-Feb-15	0.00	187,920.94	187,920.94	70,829.61	9,271.99	80,101.60	0.00	107,819.34	107,819.34
01-Aug-15	340,213.00	169,357.48	509,570.48	70,829.61	163,427.26	234,256.87	275,313.62	0.00	275,313.62
01-Feb-16	0.00	175,683.50	175,683.50	67,205.52	9,271.99	76,477.51	0.00	99,205.99	99,205.99
01-Aug-16	355,226.00	161,983.60	517,209.60	67,205.52	162,884.95	230,090.47	287,119.13	0.00	287,119.13
01-Feb-17	0.00	162,574.27	162,574.27	63,421.51	9,271.99	72,693.50	0.00	89,880.77	89,880.77
01-Aug-17	370,232.00	156,247.87	526,479.87	63,421.51	164,780.78	228,202.29	298,277.58	0.00	298,277.58
01-Feb-18	0.00	148,430.33	148,430.33	59,477.65	7,633.38	67,111.03	0.00	81,319.30	81,319.30
01-Aug-18	385,238.00	150,789.97	536,027.97	59,477.65	167,142.52	226,620.18	309,407.80	0.00	309,407.80
01-Feb-19	0.00	137,341.72	137,341.72	55,373.94	7,626.88	63,000.82	0.00	74,340.90	74,340.90
01-Aug-19	395,251.00	140,631.95	535,882.95	55,373.94	167,601.31	222,975.25	312,907.70	0.00	312,907.70
01-Feb-20	0.00	129,762.55	129,762.55	51,163.57	9,271.99	60,435.56	0.00	69,326.99	69,326.99
01-Aug-20	410,257.00	129,762.55	540,019.55	51,163.57	167,601.31	218,764.88	321,254.67	0.00	321,254.67
01-Feb-21	0.00	118,736.89	118,736.89	46,793.35	9,271.99	56,065.34	0.00	62,671.55	62,671.55
01-Aug-21	425,270.00	118,736.89	544,006.89	46,793.35	167,601.31	214,394.66	329,612.23	0.00	329,612.23
01-Feb-22	0.00	100,405.77	100,405.77	42,263.21	9,271.99	51,535.20	0.00	48,870.58	48,870.58
01-Aug-22	440,276.00	0.00	440,276.00	42,263.21	238,295.30 *	280,558.50	159,717.50	0.00	159,717.50
01-Feb-23	0.00	95,475.37	95,475.37	37,573.21	9,271.99	46,845.20	0.00	48,630.17	48,630.17
01-Aug-23	455,282.00	7,197.85	462,479.85	37,573.21	167,601.31	205,174.52	257,305.33	0.00	257,305.33
01-Feb-24	0.00	83,239.65	83,239.65	32,723.36	9,271.99	41,995.35	0.00	41,244.30	41,244.30
01-Aug-24	470,295.00	83,239.65	553,534.65	32,723.36	167,601.31	200,324.67	353,209.98	0.00	353,209.98
01-Feb-25	0.00	70,600.48	70,600.48	27,713.59	9,271.99	36,985.58	0.00	33,614.90	33,614.90
01-Aug-25	490,307.00	70,600.48	560,907.48	27,713.59	167,601.31	195,314.90	365,592.58	0.00	365,592.58
01-Feb-26	0.00	57,423.49	57,423.49	22,490.65	9,271.99	31,762.64	0.00	25,660.85	25,660.85
01-Aug-26	500,313.00	57,423.49	557,736.49	22,490.65	167,601.31	190,091.96	367,644.53	0.00	367,644.53
01-Feb-27	0.00	43,977.55	43,977.55	17,161.11	9,271.99	26,433.10	0.00	17,544.45	17,544.45
01-Aug-27	520,326.00	43,977.55	564,303.55	17,161.11	167,601.31	184,762.42	379,541.13	0.00	379,541.13
01-Feb-28	0.00	29,993.79	29,993.79	11,618.39	9,271.99	20,890.38	0.00	9,103.41	9,103.41
01-Aug-28	540,339.00	29,993.79	570,332.79	11,618.39	167,601.31	179,219.70	391,113.09	0.00	391,113.09
01-Feb-29	0.00	15,134.47	15,134.47	5,862.48	9,271.99	15,134.47	0.00	0.00	0.00
01-Aug-29	550,344.00	15,134.47	565,478.47	5,862.48	167,601.31	173,463.79	392,014.68	0.00	392,014.68
	$9,531,188.00	$7,249,675.15	$16,780,863.15	$2,993,790.98	$4,412,734.10	$7,406,525.08	$7,162,083.90	$2,212,254.18	$9,374,338.08

*Includes a credit for debt service savings the Trust expects to receive on such Payment Date as a result of the refunding of a portion of the Bonds, which savings are allocable to the Issuer pursuant to Section 4(i) of the Bond Purchase Agreement.

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Series 5

M.W.R.A.
97-66

Final Structuring Analysis

Administrative Fee Schedule

Date	Principal Outstanding	Administrative Fee Payable @ 0.075000%
06-Oct-99		
01-Feb-00	10,703,367.00	5,128.69
01-Aug-00	10,703,367.00	8,027.53
01-Feb-01	10,478,889.00	7,859.16
01-Aug-01	10,478,889.00	7,859.16
01-Feb-02	10,249,688.00	7,687.27
01-Aug-02	10,249,688.00	7,687.27
01-Feb-03	10,015,545.00	7,511.66
01-Aug-03	10,015,545.00	7,511.66
01-Feb-04	9,776,196.00	7,332.14
01-Aug-04	9,776,196.00	7,332.14
01-Feb-05	9,531,188.00	7,148.40
01-Aug-05	9,531,188.00	7,148.40
01-Feb-06	9,280,074.00	6,960.05
01-Aug-06	9,280,074.00	6,960.05
01-Feb-07	9,022,410.00	6,766.81
01-Aug-07	9,022,410.00	6,766.81
01-Feb-08	8,757,762.00	6,568.32
01-Aug-08	8,757,762.00	6,568.32
01-Feb-09	8,485,669.00	6,364.26
01-Aug-09	8,485,669.00	6,364.26
01-Feb-10	8,205,141.00	6,153.86
01-Aug-10	8,205,141.00	6,153.86
01-Feb-11	7,914,959.00	5,936.22
01-Aug-11	7,914,959.00	5,936.22
01-Feb-12	7,614,771.00	5,711.08
01-Aug-12	7,614,771.00	5,711.08
01-Feb-13	7,304,577.00	5,478.43
01-Aug-13	7,304,577.00	5,478.43
01-Feb-14	6,984,376.00	5,238.28
01-Aug-14	6,984,376.00	5,238.28
01-Feb-15	6,649,169.00	4,986.88
01-Aug-15	6,649,169.00	4,986.88
01-Feb-16	6,308,956.00	4,731.72
01-Aug-16	6,308,956.00	4,731.72
01-Feb-17	5,953,730.00	4,465.30
01-Aug-17	5,953,730.00	4,465.30
01-Feb-18	5,583,498.00	4,187.62
01-Aug-18	5,583,498.00	4,187.62
01-Feb-19	5,198,260.00	3,898.70
01-Aug-19	5,198,260.00	3,898.70
01-Feb-20	4,803,009.00	3,602.26
01-Aug-20	4,803,009.00	3,602.26
01-Feb-21	4,392,752.00	3,294.56
01-Aug-21	4,392,752.00	3,294.56
01-Feb-22	3,967,482.00	2,975.61
01-Aug-22	3,967,482.00	2,975.61
01-Feb-23	3,527,206.00	2,645.41
01-Aug-23	3,527,206.00	2,645.41
01-Feb-24	3,071,924.00	2,303.94
01-Aug-24	3,071,924.00	2,303.94
01-Feb-25	2,601,629.00	1,951.22
01-Aug-25	2,601,629.00	1,951.22
01-Feb-26	2,111,322.00	1,583.49
01-Aug-26	2,111,322.00	1,583.49
01-Feb-27	1,611,009.00	1,208.26
01-Aug-27	1,611,009.00	1,208.26
01-Feb-28	1,090,683.00	818.01
01-Aug-28	1,090,683.00	818.01
01-Feb-29	550,344.00	412.76
01-Aug-29	550,344.00	412.76
01-Feb-30	0.00	0.00
01-Aug-30	0.00	0.00
		$284,719.58

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 5
M.W.R.A
DW-99-04
Final Loan Structuring Analysis

AMENDED SCHEDULE C

G.E. 50.00%

Schedule of Loan Repayments

Initial Loan Obligation: 1,608,411.00

	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayment		
Date	Principal	Interest	Total	DSRF Earnings	Contract Assistance	Total	Principal	Interest	Total
01-Feb-05	0.00	37,284.79	37,284.79	17,133.44	0.00	17,133.44	0.00	20,151.35	20,151.35
01-Aug-05	85,745.00	39,344.16	125,089.16	17,133.44	37,862.81	54,996.25	70,092.91	0.00	70,092.91
01-Feb-06	0.00	41,044.53	41,044.53	16,220.05	2,274.43	18,494.48	0.00	22,550.05	22,550.05
01-Aug-06	87,979.00	35,860.68	123,839.68	16,220.05	37,668.63	53,888.67	69,951.00	0.00	69,951.00
01-Feb-07	0.00	40,186.86	40,186.86	15,282.86	2,274.43	17,557.29	0.00	22,629.58	22,629.58
01-Aug-07	90,361.00	34,690.53	125,051.53	15,282.86	38,692.51	53,975.37	71,076.16	0.00	71,076.16
01-Feb-08	0.00	39,257.79	39,257.79	14,320.30	2,274.43	16,594.73	0.00	22,663.06	22,663.06
01-Aug-08	93,114.00	29,302.94	122,416.94	14,320.30	37,674.60	51,994.90	70,422.04	0.00	70,422.04
01-Feb-09	0.00	38,041.83	38,041.83	13,328.41	2,274.43	15,602.84	0.00	22,438.99	22,438.99
01-Aug-09	96,212.00	27,674.87	123,886.87	13,328.41	38,774.27	52,102.68	71,784.19	0.00	71,784.19
01-Feb-10	0.00	36,899.42	36,899.42	12,303.52	2,274.43	14,577.95	0.00	22,321.46	22,321.46
01-Aug-10	100,000.00	17,383.28	117,383.28	12,303.52	34,917.71	47,221.23	70,162.06	0.00	70,162.06
01-Feb-11	0.00	34,452.31	34,452.31	11,238.28	2,274.43	13,512.71	0.00	20,939.60	20,939.60
01-Aug-11	100,000.00	21,284.97	121,284.97	11,238.28	37,556.29	48,794.57	72,490.40	0.00	72,490.40
01-Feb-12	0.00	30,765.29	30,765.29	10,173.04	2,274.43	12,447.47	0.00	18,317.82	18,317.82
01-Aug-12	105,000.00	21,075.94	126,075.94	10,173.04	38,126.34	48,299.38	77,776.56	0.00	77,776.56
01-Feb-13	0.00	26,821.91	26,821.91	9,054.54	2,274.43	11,328.97	0.00	15,492.94	15,492.94
01-Aug-13	110,000.00	18,640.94	128,640.94	9,054.54	38,712.01	47,766.55	80,874.38	0.00	80,874.38
01-Feb-14	0.00	24,810.77	24,810.77	7,882.78	2,274.43	10,157.21	0.00	14,653.57	14,653.57
01-Aug-14	115,000.00	15,078.53	130,078.53	7,882.78	37,625.93	45,508.70	84,569.83	0.00	84,569.83
01-Feb-15	0.00	20,151.00	20,151.00	6,657.75	2,274.43	8,932.18	0.00	11,218.82	11,218.82
01-Aug-15	115,000.00	13,264.40	128,264.40	6,657.75	37,618.58	44,276.33	83,988.07	0.00	83,988.07
01-Feb-16	0.00	15,769.20	15,769.20	5,432.72	2,274.43	7,707.15	0.00	8,062.04	8,062.04
01-Aug-16	120,000.00	11,559.44	131,559.44	5,432.72	37,737.13	43,169.86	88,389.59	0.00	88,389.59
01-Feb-17	0.00	11,242.50	11,242.50	4,154.44	2,274.43	6,428.87	0.00	4,813.64	4,813.64
01-Aug-17	125,000.00	9,365.17	134,365.17	4,154.44	38,265.62	42,420.06	91,945.12	0.00	91,945.12
01-Feb-18	0.00	6,467.28	6,467.28	2,822.89	1,783.07	4,605.96	0.00	1,861.32	1,861.32
01-Aug-18	130,000.00	7,185.81	137,185.81	2,822.89	39,458.49	42,281.37	94,904.44	0.00	94,904.44
01-Feb-19	0.00	2,741.16	2,741.16	1,438.07	1,303.09	2,741.17	0.00	0.00	0.00
01-Aug-19	135,000.00	3,712.50	138,712.50	1,438.07	39,104.91	40,542.98	98,169.52	0.00	98,169.52
01-Feb-20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	$1,608,411.00	$711,360.82	$2,319,771.82	$294,886.17	$600,175.16	$895,061.33	$1,196,596.25	$228,114.24	$1,424,710.50

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 5

M.W.R.A
DW-99-04

Final Loan Structuring Analysis

Administrative Fee Schedule

Date	Principal Outstanding	Administrative Fee Payable @ 0.075000%
06-Oct-1999		
01-Feb-2000	2,008,779.00	962.54
01-Aug-2000	2,008,779.00	1,506.58
01-Feb-2001	1,932,075.00	1,449.06
01-Aug-2001	1,932,075.00	1,449.06
01-Feb-2002	1,853,759.00	1,390.32
01-Aug-2002	1,853,759.00	1,390.32
01-Feb-2003	1,773,804.00	1,330.35
01-Aug-2003	1,773,804.00	1,330.35
01-Feb-2004	1,692,073.00	1,269.05
01-Aug-2004	1,692,073.00	1,269.05
01-Feb-2005	1,608,411.00	1,206.31
01-Aug-2005	1,608,411.00	1,206.31
01-Feb-2006	1,522,666.00	1,142.00
01-Aug-2006	1,522,666.00	1,142.00
01-Feb-2007	1,434,687.00	1,076.02
01-Aug-2007	1,434,687.00	1,076.02
01-Feb-2008	1,344,326.00	1,008.24
01-Aug-2008	1,344,326.00	1,008.24
01-Feb-2009	1,251,212.00	938.41
01-Aug-2009	1,251,212.00	938.41
01-Feb-2010	1,155,000.00	866.25
01-Aug-2010	1,155,000.00	866.25
01-Feb-2011	1,055,000.00	791.25
01-Aug-2011	1,055,000.00	791.25
01-Feb-2012	955,000.00	716.25
01-Aug-2012	955,000.00	716.25
01-Feb-2013	850,000.00	637.50
01-Aug-2013	850,000.00	637.50
01-Feb-2014	740,000.00	555.00
01-Aug-2014	740,000.00	555.00
01-Feb-2015	625,000.00	468.75
01-Aug-2015	625,000.00	468.75
01-Feb-2016	510,000.00	382.50
01-Aug-2016	510,000.00	382.50
01-Feb-2017	390,000.00	292.50
01-Aug-2017	390,000.00	292.50
01-Feb-2018	265,000.00	198.75
01-Aug-2018	265,000.00	198.75
01-Feb-2019	135,000.00	101.25
01-Aug-2019	135,000.00	101.25
01-Feb-2020	0.00	0.00
01-Aug-2020	0.00	0.00
01-Feb-2021	0.00	0.00
01-Aug-2021	0.00	0.00
01-Feb-2022	0.00	0.00
01-Aug-2022	0.00	0.00
01-Feb-2023	0.00	0.00
01-Aug-2023	0.00	0.00
01-Feb-2024	0.00	0.00
01-Aug-2024	0.00	0.00
01-Feb-2025	0.00	0.00
01-Aug-2025	0.00	0.00
01-Feb-2026	0.00	0.00
01-Aug-2026	0.00	0.00
01-Feb-2027	0.00	0.00
01-Aug-2027	0.00	0.00
01-Feb-2028	0.00	0.00
01-Aug-2028	0.00	0.00
01-Feb-2029	0.00	0.00
01-Aug-2029	0.00	0.00
01-Feb-2030	0.00	0.00
01-Aug-2030	0.00	0.00
		$34,108.64

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 5

M.W.R.A
DW-99-05

Final Loan Structuring Analysis

Administrative Fee Schedule

Date	Principal Outstanding	Administrative Fee Payable @ 0.075000%
06-Oct-1999		
01-Feb-2000	10,047,972.00	4,814.65
01-Aug-2000	10,047,972.00	7,535.98
01-Feb-2001	9,663,532.00	7,247.65
01-Aug-2001	9,663,532.00	7,247.65
01-Feb-2002	9,272,784.00	6,954.59
01-Aug-2002	9,272,784.00	6,954.59
01-Feb-2003	8,871,712.00	6,653.78
01-Aug-2003	8,871,712.00	6,653.78
01-Feb-2004	8,465,293.00	6,348.97
01-Aug-2004	8,465,293.00	6,348.97
01-Feb-2005	8,049,144.00	6,036.86
01-Aug-2005	8,049,144.00	6,036.86
01-Feb-2006	7,618,829.00	5,714.12
01-Aug-2006	7,618,829.00	5,714.12
01-Feb-2007	7,179,836.00	5,384.88
01-Aug-2007	7,179,836.00	5,384.88
01-Feb-2008	6,727,570.00	5,045.68
01-Aug-2008	6,727,570.00	5,045.68
01-Feb-2009	6,260,503.00	4,695.38
01-Aug-2009	6,260,503.00	4,695.38
01-Feb-2010	5,780,000.00	4,335.00
01-Aug-2010	5,780,000.00	4,335.00
01-Feb-2011	5,285,000.00	3,963.75
01-Aug-2011	5,285,000.00	3,963.75
01-Feb-2012	4,775,000.00	3,581.25
01-Aug-2012	4,775,000.00	3,581.25
01-Feb-2013	4,245,000.00	3,183.75
01-Aug-2013	4,245,000.00	3,183.75
01-Feb-2014	3,700,000.00	2,775.00
01-Aug-2014	3,700,000.00	2,775.00
01-Feb-2015	3,135,000.00	2,351.25
01-Aug-2015	3,135,000.00	2,351.25
01-Feb-2016	2,550,000.00	1,912.50
01-Aug-2016	2,550,000.00	1,912.50
01-Feb-2017	1,945,000.00	1,458.75
01-Aug-2017	1,945,000.00	1,458.75
01-Feb-2018	1,315,000.00	986.25
01-Aug-2018	1,315,000.00	986.25
01-Feb-2019	665,000.00	498.75
01-Aug-2019	665,000.00	498.75
01-Feb-2020	0.00	0.00
01-Aug-2020	0.00	0.00
01-Feb-2021	0.00	0.00
01-Aug-2021	0.00	0.00
01-Feb-2022	0.00	0.00
01-Aug-2022	0.00	0.00
01-Feb-2023	0.00	0.00
01-Aug-2023	0.00	0.00
01-Feb-2024	0.00	0.00
01-Aug-2024	0.00	0.00
01-Feb-2025	0.00	0.00
01-Aug-2025	0.00	0.00
01-Feb-2026	0.00	0.00
01-Aug-2026	0.00	0.00
01-Feb-2027	0.00	0.00
01-Aug-2027	0.00	0.00
01-Feb-2028	0.00	0.00
01-Aug-2028	0.00	0.00
01-Feb-2029	0.00	0.00
01-Aug-2029	0.00	0.00
01-Feb-2030	0.00	0.00
01-Aug-2030	0.00	0.00
		$170,606.95

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 5
M.W.R.A
DW-99-05
Final Loan Structuring Analysis

AMENDED SCHEDULE C

G.E. 50.00%

Schedule of Loan Repayments

Initial Loan Obligation: 8,049,144.00

	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayment		
Date	Principal	Interest	Total	DSRF Earnings	Contract Assistance	Total	Principal	Interest	Total
01-Feb-05	0.00	186,773.02	186,773.02	85,742.70	0.00	85,742.70	0.00	101,030.32	101,030.32
01-Aug-05	430,315.00	196,901.41	627,216.41	85,742.70	189,571.25	275,313.95	351,902.46	0.00	351,902.46
01-Feb-06	0.00	205,367.40	205,367.40	81,158.81	11,203.65	92,362.46	0.00	113,004.94	113,004.94
01-Aug-06	438,993.00	179,448.30	618,441.30	81,158.81	188,600.33	269,759.14	348,682.15	0.00	348,682.15
01-Feb-07	0.00	201,099.74	201,099.74	76,482.49	11,203.65	87,686.14	0.00	113,413.60	113,413.60
01-Aug-07	452,266.00	173,618.24	625,884.24	76,482.49	193,719.74	270,202.22	355,682.02	0.00	355,682.02
01-Feb-08	0.00	196,443.52	196,443.52	71,664.77	11,203.65	82,868.42	0.00	113,575.11	113,575.11
01-Aug-08	467,067.00	146,669.59	613,736.59	71,664.77	188,630.21	260,294.98	353,441.61	0.00	353,441.61
01-Feb-09	0.00	190,324.36	190,324.36	66,689.38	11,203.65	77,893.03	0.00	112,431.33	112,431.33
01-Aug-09	480,503.00	138,489.89	618,992.89	66,689.38	194,128.50	260,817.88	358,175.02	0.00	358,175.02
01-Feb-10	0.00	184,626.91	184,626.91	61,570.87	11,203.65	72,774.52	0.00	111,852.38	111,852.38
01-Aug-10	495,000.00	87,467.57	582,467.57	61,570.87	174,971.90	236,542.77	345,924.80	0.00	345,924.80
01-Feb-11	0.00	172,347.83	172,347.83	56,297.93	11,203.65	67,501.58	0.00	104,846.24	104,846.24
01-Aug-11	510,000.00	106,302.21	616,302.21	56,297.93	187,961.35	244,259.28	372,042.93	0.00	372,042.93
01-Feb-12	0.00	154,048.33	154,048.33	50,865.21	11,203.65	62,068.86	0.00	91,979.47	91,979.47
01-Aug-12	530,000.00	105,245.38	635,245.38	50,865.21	190,863.87	241,729.08	393,516.29	0.00	393,516.29
01-Feb-13	0.00	134,061.47	134,061.47	45,219.44	11,203.65	56,423.09	0.00	77,638.38	77,638.38
01-Aug-13	545,000.00	93,215.89	638,215.89	45,219.44	193,828.60	239,048.03	399,167.86	0.00	399,167.86
01-Feb-14	0.00	123,934.15	123,934.15	39,413.88	11,203.65	50,617.53	0.00	73,316.62	73,316.62
01-Aug-14	565,000.00	75,748.70	640,748.70	39,413.88	188,480.88	227,894.76	412,853.94	0.00	412,853.94
01-Feb-15	0.00	100,862.16	100,862.16	33,395.27	11,203.65	44,598.92	0.00	56,263.24	56,263.24
01-Aug-15	585,000.00	66,299.55	651,299.55	33,395.27	188,245.99	221,641.27	429,658.28	0.00	429,658.28
01-Feb-16	0.00	78,947.79	78,947.79	27,163.62	11,203.65	38,367.27	0.00	40,580.52	40,580.52
01-Aug-16	605,000.00	57,711.90	662,711.90	27,163.62	188,897.22	216,060.84	446,651.06	0.00	446,651.06
01-Feb-17	0.00	56,087.89	56,087.89	20,718.92	11,203.65	31,922.57	0.00	24,165.32	24,165.32
01-Aug-17	630,000.00	46,634.54	676,634.54	20,718.92	191,555.22	212,274.14	464,360.40	0.00	464,360.40
01-Feb-18	0.00	32,097.68	32,097.68	14,007.91	8,764.99	22,772.90	0.00	9,324.79	9,324.79
01-Aug-18	650,000.00	35,654.60	685,654.60	14,007.91	197,513.86	211,521.77	474,132.83	0.00	474,132.83
01-Feb-19	0.00	13,502.77	13,502.77	7,083.85	6,418.92	13,502.77	0.00	0.00	0.00
01-Aug-19	665,000.00	18,287.50	683,287.50	7,083.85	195,781.70	202,865.55	480,421.95	0.00	480,421.95
01-Feb-20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	$8,049,144.00	$3,558,220.30	$11,607,364.30	$1,474,950.09	$3,002,378.33	$4,477,328.42	$5,986,613.61	$1,143,422.26	$7,130,035.87

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 5
MWRA
01-07A
Final Structuring Analysis

AMENDED SCHEDULE C

G.E.	50.00%

Schedule of Payments

Initial Principal Amount:	966,522.21

	Schedule of Payments			Subsidy Amounts			Net Payments		
Date	Principal	Interest	Total	Equity Earnings	Commonwealth Subsidies	Total	Principal	Interest	Total
01-Feb-05	0.00	23,586.80	23,586.80	10,295.78	0.00	10,295.78	0.00	13,291.02	13,291.02
01-Aug-05	25,389.39	24,432.10	49,821.49	10,295.78	15,928.82	26,224.60	23,596.89	0.00	23,596.89
01-Feb-06	0.00	25,496.81	25,496.81	10,025.32	942.23	10,967.55	0.00	14,529.26	14,529.26
01-Aug-06	26,053.04	23,160.30	49,213.34	10,025.32	15,841.30	25,866.62	23,346.72	0.00	23,346.72
01-Feb-07	0.00	25,423.08	25,423.08	9,747.80	942.23	10,690.03	0.00	14,733.05	14,733.05
01-Aug-07	26,760.96	22,945.73	49,706.69	9,747.80	16,302.79	26,050.59	23,656.10	0.00	23,656.10
01-Feb-08	0.00	25,332.55	25,332.55	9,462.73	942.23	10,404.96	0.00	14,927.59	14,927.59
01-Aug-08	27,515.68	20,845.62	48,361.30	9,462.73	15,843.99	25,306.72	23,054.58	0.00	23,054.58
01-Feb-09	0.00	25,225.79	25,225.79	9,169.62	942.23	10,111.85	0.00	15,113.94	15,113.94
01-Aug-09	28,370.39	20,553.10	48,923.49	9,169.62	16,339.64	25,509.26	23,414.24	0.00	23,414.24
01-Feb-10	0.00	25,104.48	25,104.48	8,867.41	942.23	9,809.64	0.00	15,294.84	15,294.84
01-Aug-10	29,795.01	17,601.99	47,397.00	8,867.41	14,989.18	23,856.58	23,540.42	0.00	23,540.42
01-Feb-11	0.00	23,865.06	23,865.06	8,550.02	942.23	9,492.25	0.00	14,372.81	14,372.81
01-Aug-11	30,280.36	17,703.26	47,983.62	8,550.02	15,638.20	24,188.21	23,795.41	0.00	23,795.41
01-Feb-12	0.00	23,503.19	23,503.19	8,227.46	942.23	9,169.69	0.00	14,333.50	14,333.50
01-Aug-12	31,308.19	18,444.02	49,752.21	8,227.46	16,000.41	24,227.87	25,524.33	0.00	25,524.33
01-Feb-13	0.00	21,812.11	21,812.11	7,893.95	942.23	8,836.18	0.00	12,975.93	12,975.93
01-Aug-13	31,793.54	17,966.64	49,760.18	7,893.95	16,311.51	24,205.46	25,554.72	0.00	25,554.72
01-Feb-14	0.00	21,176.38	21,176.38	7,555.27	942.23	8,497.50	0.00	12,678.87	12,678.87
01-Aug-14	33,762.04	17,890.34	51,652.38	7,555.27	16,113.10	23,668.37	27,984.01	0.00	27,984.01
01-Feb-15	0.00	19,086.82	19,086.82	7,195.63	942.23	8,137.86	0.00	10,948.97	10,948.97
01-Aug-15	35,500.25	17,186.45	52,686.70	7,195.63	16,058.19	23,253.82	29,432.87	0.00	29,432.87
01-Feb-16	0.00	17,827.71	17,827.71	6,817.47	942.23	7,759.70	0.00	10,068.02	10,068.02
01-Aug-16	35,985.59	16,433.93	52,419.52	6,817.47	16,011.17	22,828.64	29,590.88	0.00	29,590.88
01-Feb-17	0.00	16,493.11	16,493.11	6,434.13	942.23	7,376.36	0.00	9,116.74	9,116.74
01-Aug-17	37,256.12	15,855.66	53,111.78	6,434.13	16,204.64	22,638.77	30,473.01	0.00	30,473.01
01-Feb-18	0.00	15,067.65	15,067.65	6,037.27	776.46	6,813.73	0.00	8,253.92	8,253.92
01-Aug-18	39,165.72	15,305.95	54,471.67	6,037.27	16,442.06	22,479.32	31,992.35	0.00	31,992.35
01-Feb-19	0.00	13,940.71	13,940.71	5,620.06	776.00	6,396.06	0.00	7,544.65	7,544.65
01-Aug-19	40,436.24	14,273.16	54,709.40	5,620.06	16,488.67	22,108.73	32,600.67	0.00	32,600.67
01-Feb-20	0.00	13,161.16	13,161.16	5,189.31	942.23	6,131.54	0.00	7,029.62	7,029.62
01-Aug-20	41,164.26	13,161.16	54,325.42	5,189.31	16,488.67	21,677.98	32,647.44	0.00	32,647.44
01-Feb-21	0.00	12,054.88	12,054.88	4,750.82	942.23	5,693.05	0.00	6,361.83	6,361.83
01-Aug-21	43,132.77	12,054.88	55,187.65	4,750.82	16,488.67	21,239.49	33,948.16	0.00	33,948.16
01-Feb-22	0.00	10,202.39	10,202.39	4,291.35	942.23	5,233.58	0.00	4,968.81	4,968.81
01-Aug-22	44,344.40	0.00	44,344.40	4,291.35	23,518.72 *	27,810.06	16,534.34	0.00	16,534.34
01-Feb-23	0.00	9,703.93	9,703.93	3,818.97	942.23	4,761.20	0.00	4,942.73	4,942.73
01-Aug-23	45,614.91	859.37	46,474.28	3,818.97	16,488.67	20,307.64	26,166.63	0.00	26,166.63
01-Feb-24	0.00	8,478.03	8,478.03	3,333.07	942.23	4,275.30	0.00	4,202.73	4,202.73
01-Aug-24	48,595.31	8,478.03	57,073.34	3,333.07	16,488.67	19,821.74	37,251.60	0.00	37,251.60
01-Feb-25	0.00	7,172.03	7,172.03	2,815.41	942.23	3,757.64	0.00	3,414.39	3,414.39
01-Aug-25	49,564.27	7,172.03	56,736.30	2,815.41	16,488.67	19,304.08	37,432.22	0.00	37,432.22
01-Feb-26	0.00	5,840.00	5,840.00	2,287.43	942.23	3,229.66	0.00	2,610.34	2,610.34
01-Aug-26	51,077.47	5,840.00	56,917.47	2,287.43	16,488.67	18,776.10	38,141.37	0.00	38,141.37
01-Feb-27	0.00	4,467.28	4,467.28	1,743.33	942.23	2,685.56	0.00	1,781.72	1,781.72
01-Aug-27	53,229.76	4,467.28	57,697.04	1,743.33	16,488.67	18,232.00	39,465.04	0.00	39,465.04
01-Feb-28	0.00	3,036.74	3,036.74	1,176.31	942.23	2,118.54	0.00	918.20	918.20
01-Aug-28	54,500.27	3,036.74	57,537.01	1,176.31	16,488.67	17,664.98	39,872.03	0.00	39,872.03
01-Feb-29	0.00	1,537.98	1,537.98	595.75	942.23	1,537.98	0.00	0.00	0.00
01-Aug-29	55,926.27	1,537.98	57,464.25	595.75	16,488.67	17,084.42	40,379.83	0.00	40,379.83
	$966,522.21	$735,802.36	$1,702,324.57	$303,803.30	$434,711.93	$738,515.23	$739,395.86	$224,413.48	$963,809.33

*Includes a credit for debt service savings the Trust expects to receive on such Payment Date as a result of the refunding of a portion of the Bonds, which savings are allocable to the Issuer pursuant to Section 4(i) of the Bond Purchase Agreement.

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool 5 Program)

MWRA
CW01-07A

Schedule of Administrative Fee [After September 28, 2001 Swap]

Date	Principal Outstanding	Administrative Fee Payable @ 0.075%
28-Sep-01		
01-Feb-02	1,039,159.05	532.56
01-Aug-02	1,039,159.05	779.37
01-Feb-03	1,015,489.61	761.63
01-Aug-03	1,015,489.61	761.63
01-Feb-04	991,292.71	743.46
01-Aug-04	991,292.71	743.46
01-Feb-05	966,522.21	724.88
01-Aug-05	966,522.21	724.88
01-Feb-06	941,132.82	705.87
01-Aug-06	941,132.82	705.87
01-Feb-07	915,079.78	686.32
01-Aug-07	915,079.78	686.32
01-Feb-08	888,318.82	666.24
01-Aug-08	888,318.82	666.24
01-Feb-09	860,803.14	645.61
01-Aug-09	860,803.14	645.61
01-Feb-10	832,432.75	624.32
01-Aug-10	832,432.75	624.32
01-Feb-11	802,637.74	601.98
01-Aug-11	802,637.74	601.98
01-Feb-12	772,357.38	579.27
01-Aug-12	772,357.38	579.27
01-Feb-13	741,049.19	555.78
01-Aug-13	741,049.19	555.78
01-Feb-14	709,255.65	531.94
01-Aug-14	709,255.65	531.94
01-Feb-15	675,493.61	506.62
01-Aug-15	675,493.61	506.62
01-Feb-16	639,993.36	480.00
01-Aug-16	639,993.36	480.00
01-Feb-17	604,007.77	453.01
01-Aug-17	604,007.77	453.01
01-Feb-18	566,751.65	425.06
01-Aug-18	566,751.65	425.06
01-Feb-19	527,585.93	395.69
01-Aug-19	527,585.93	395.69
01-Feb-20	487,149.69	365.36
01-Aug-20	487,149.69	365.36
01-Feb-21	445,985.43	334.49
01-Aug-21	445,985.43	334.49
01-Feb-22	402,852.66	302.13
01-Aug-22	402,852.66	302.13
01-Feb-23	358,508.26	268.89
01-Aug-23	358,508.26	268.89
01-Feb-24	312,893.35	234.67
01-Aug-24	312,893.35	234.67
01-Feb-25	264,298.04	198.22
01-Aug-25	264,298.04	198.22
01-Feb-26	214,733.77	161.05
01-Aug-26	214,733.77	161.05
01-Feb-27	163,656.30	122.73
01-Aug-27	163,656.30	122.73
01-Feb-28	110,426.54	82.83
01-Aug-28	110,426.54	82.83
01-Feb-29	55,926.27	41.94
01-Aug-29	55,926.27	41.94
01-Feb-30	0.00	0.00
01-Aug-30	0.00	0.00
		25,711.91

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 5
MWRA
01-07
Final Loan Structuring Analysis

AMENDED SCHEDULE C

G.E. 50.00%

Schedule of Loan Repayments

Initial Loan Obligation: 6,031,365.37

Date	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayment		
	Principal	Interest	Total	DSRF Earnings	Contract Assistance	Total	Principal	Interest	Total
01-Feb-05	0.00	142,494.38	142,494.38	80,310.65	0.00	80,310.65	0.00	62,183.73	62,183.73
01-Aug-05	330,060.01	148,614.39	478,674.40	80,310.65	143,115.73	223,426.37	255,248.03	0.00	255,248.03
01-Feb-06	0.00	156,680.16	156,680.16	75,915.73	7,031.60	82,947.34	0.00	73,732.82	73,732.82
01-Aug-06	337,971.89	134,554.29	472,526.18	75,915.73	142,280.59	218,196.32	254,329.86	0.00	254,329.86
01-Feb-07	0.00	152,784.49	152,784.49	71,415.47	7,022.72	78,438.19	0.00	74,346.30	74,346.30
01-Aug-07	347,357.53	129,324.87	476,682.40	71,415.47	146,641.89	218,057.36	258,625.04	0.00	258,625.04
01-Feb-08	0.00	148,764.37	148,764.37	66,790.23	7,013.84	73,804.07	0.00	74,960.30	74,960.30
01-Aug-08	356,193.39	106,274.81	462,468.20	66,790.23	142,288.34	209,078.57	253,389.63	0.00	253,389.63
01-Feb-09	0.00	145,458.29	145,458.29	62,047.33	7,006.50	69,053.84	0.00	76,404.45	76,404.45
01-Aug-09	365,272.23	101,209.74	466,481.97	62,047.33	146,974.61	209,021.95	257,460.03	0.00	257,460.03
01-Feb-10	0.00	141,773.55	141,773.55	57,183.55	6,997.62	64,181.17	0.00	77,592.37	77,592.37
01-Aug-10	373,591.55	63,023.72	436,615.27	57,183.55	131,868.49	189,052.05	247,563.23	0.00	247,563.23
01-Feb-11	0.00	130,836.92	130,836.92	52,208.99	6,989.54	59,198.54	0.00	71,638.38	71,638.38
01-Aug-11	389,848.24	61,804.60	451,652.84	52,208.99	138,761.31	190,970.30	260,682.54	0.00	260,682.54
01-Feb-12	0.00	126,040.86	126,040.86	47,017.97	6,980.17	53,998.14	0.00	72,042.72	72,042.72
01-Aug-12	397,997.82	69,186.30	467,184.12	47,017.97	142,899.66	189,917.63	277,266.49	0.00	277,266.49
01-Feb-13	0.00	105,532.47	105,532.47	41,718.43	6,970.36	48,688.79	0.00	56,843.68	56,843.68
01-Aug-13	403,902.15	62,625.50	466,527.65	41,718.43	146,376.20	188,094.63	278,433.02	0.00	278,433.02
01-Feb-14	0.00	97,013.69	97,013.69	36,340.27	6,960.56	43,300.83	0.00	53,712.86	53,712.86
01-Aug-14	421,678.14	55,689.76	477,367.90	36,340.27	142,909.24	179,249.51	298,118.38	0.00	298,118.38
01-Feb-15	0.00	74,331.68	74,331.68	30,725.42	6,950.75	37,676.17	0.00	36,655.51	36,655.51
01-Aug-15	435,239.05	48,661.60	483,900.65	30,725.42	142,738.42	173,463.84	310,436.81	0.00	310,436.81
01-Feb-16	0.00	58,016.65	58,016.65	24,929.99	6,941.97	31,871.96	0.00	26,144.69	26,144.69
01-Aug-16	445,232.87	42,357.68	487,590.55	24,929.99	143,258.85	168,188.83	319,401.71	0.00	319,401.71
01-Feb-17	0.00	41,153.48	41,153.48	19,001.49	6,931.49	25,932.98	0.00	15,220.50	15,220.50
01-Aug-17	461,992.76	34,222.11	496,214.87	19,001.49	145,212.99	164,214.48	332,000.38	0.00	332,000.38
01-Feb-18	0.00	23,527.72	23,527.72	12,849.83	5,117.10	17,966.92	0.00	5,560.79	5,560.79
01-Aug-18	477,838.15	26,165.07	504,003.22	12,849.83	149,569.45	162,419.27	341,583.95	0.00	341,583.95
01-Feb-19	0.00	9,889.10	9,889.10	6,487.17	3,401.92	9,889.09	0.00	0.00	0.00
01-Aug-19	487,189.59	13,397.70	500,587.29	6,487.17	148,289.90	154,777.07	345,810.22	0.00	345,810.22
01-Feb-20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	$6,031,365.37	$2,651,409.92	$8,682,775.29	$1,369,885.04	$2,245,501.84	$3,615,386.88	$4,290,349.31	$777,039.10	$5,067,388.41

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool 5 Program)

MWRA
EW-01-07

Schedule of Administrative Fee [After October 25, 2000 Swap]

Date	Principal Outstanding	Administrative Fee Payable @ 0.075%
28-Sep-01		
01-Feb-02	6,985,837.74	3,579.91
01-Aug-02	6,985,837.74	5,238.86
01-Feb-03	6,673,106.48	5,004.35
01-Aug-03	6,673,106.48	5,004.35
01-Feb-04	6,355,126.88	4,765.89
01-Aug-04	6,355,126.88	4,765.89
01-Feb-05	6,031,365.37	4,523.10
01-Aug-05	6,031,365.37	4,523.10
01-Feb-06	5,701,305.36	4,275.59
01-Aug-06	5,701,305.36	4,275.59
01-Feb-07	5,363,333.47	4,022.17
01-Aug-07	5,363,333.47	4,022.17
01-Feb-08	5,015,975.94	3,761.66
01-Aug-08	5,015,975.94	3,761.66
01-Feb-09	4,659,782.55	3,494.52
01-Aug-09	4,659,782.55	3,494.52
01-Feb-10	4,294,510.32	3,220.59
01-Aug-10	4,294,510.32	3,220.59
01-Feb-11	3,920,918.77	2,940.43
01-Aug-11	3,920,918.77	2,940.43
01-Feb-12	3,531,070.53	2,648.09
01-Aug-12	3,531,070.53	2,648.09
01-Feb-13	3,133,072.71	2,349.62
01-Aug-13	3,133,072.71	2,349.62
01-Feb-14	2,729,170.56	2,046.68
01-Aug-14	2,729,170.56	2,046.68
01-Feb-15	2,307,492.42	1,730.47
01-Aug-15	2,307,492.42	1,730.47
01-Feb-16	1,872,253.37	1,404.08
01-Aug-16	1,872,253.37	1,404.08
01-Feb-17	1,427,020.50	1,070.17
01-Aug-17	1,427,020.50	1,070.17
01-Feb-18	965,027.74	723.71
01-Aug-18	965,027.74	723.71
01-Feb-19	487,189.59	365.35
01-Aug-19	487,189.59	365.35
01-Feb-20	0.00	0.00
01-Aug-20	0.00	0.00
01-Feb-21	0.00	0.00
01-Aug-21	0.00	0.00
01-Feb-22	0.00	0.00
01-Aug-22	0.00	0.00
01-Feb-23	0.00	0.00
01-Aug-23	0.00	0.00
01-Feb-24	0.00	0.00
01-Aug-24	0.00	0.00
01-Feb-25	0.00	0.00
01-Aug-25	0.00	0.00
01-Feb-26	0.00	0.00
01-Aug-26	0.00	0.00
01-Feb-27	0.00	0.00
01-Aug-27	0.00	0.00
01-Feb-28	0.00	0.00
01-Aug-28	0.00	0.00
01-Feb-29	0.00	0.00
01-Aug-29	0.00	0.00
01-Feb-30	0.00	0.00
01-Aug-30	0.00	0.00
		105,511.71

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 5
MWRA
DW01-02A
Final Loan Structuring Analysis

AMENDED SCHEDULE C

G.E. 50.00%

Schedule of Loan Repayments

Initial Loan Obligation: 1,364,512.52

	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayment		
Date	Principal	Interest	Total	DSRF Earnings	Contract Assistance	Total	Principal	Interest	Total
01-Feb-05	0.00	31,655.71	31,655.71	14,535.33	0.00	14,535.33	0.00	17,120.38	17,120.38
01-Aug-05	72,533.35	33,377.82	105,911.17	14,535.33	32,125.92	46,661.25	59,249.91	0.00	59,249.91
01-Feb-06	0.00	34,826.34	34,826.34	13,762.68	1,904.62	15,667.30	0.00	19,159.04	19,159.04
01-Aug-06	74,424.65	30,426.72	104,851.37	13,762.68	31,961.11	45,723.79	59,127.58	0.00	59,127.58
01-Feb-07	0.00	34,104.04	34,104.04	12,969.88	1,904.62	14,874.50	0.00	19,229.54	19,229.54
01-Aug-07	76,441.60	29,439.21	105,880.81	12,969.88	32,830.10	45,799.98	60,080.83	0.00	60,080.83
01-Feb-08	0.00	33,321.39	33,321.39	12,155.59	1,904.62	14,060.21	0.00	19,261.18	19,261.18
01-Aug-08	78,771.81	24,872.55	103,644.36	12,155.59	31,966.19	44,121.78	59,522.58	0.00	59,522.58
01-Feb-09	0.00	32,296.08	32,296.08	11,316.48	1,904.62	13,221.10	0.00	19,074.97	19,074.97
01-Aug-09	81,393.44	23,497.47	104,890.91	11,316.48	32,899.49	44,215.97	60,674.94	0.00	60,674.94
01-Feb-10	0.00	31,333.42	31,333.42	10,449.45	1,904.62	12,354.07	0.00	18,979.35	18,979.35
01-Aug-10	84,787.44	14,776.85	99,564.29	10,449.45	29,628.49	40,077.93	59,486.35	0.00	59,486.35
01-Feb-11	0.00	29,255.79	29,255.79	9,546.26	1,904.62	11,450.88	0.00	17,804.91	17,804.91
01-Aug-11	86,470.90	18,025.27	104,496.17	9,546.26	31,853.90	41,400.16	63,096.01	0.00	63,096.01
01-Feb-12	0.00	26,122.70	26,122.70	8,625.13	1,904.62	10,529.75	0.00	15,592.94	15,592.94
01-Aug-12	89,128.80	17,866.29	106,995.09	8,625.13	32,349.84	40,974.97	66,020.11	0.00	66,020.11
01-Feb-13	0.00	22,740.38	22,740.38	7,675.70	1,904.62	9,580.32	0.00	13,160.06	13,160.06
01-Aug-13	92,761.15	15,815.58	108,576.73	7,675.70	32,848.06	40,523.76	68,052.97	0.00	68,052.97
01-Feb-14	0.00	21,035.20	21,035.20	6,687.57	1,904.62	8,592.19	0.00	12,443.01	12,443.01
01-Aug-14	95,980.20	12,848.40	108,828.60	6,687.57	31,940.27	38,627.84	70,200.76	0.00	70,200.76
01-Feb-15	0.00	17,112.36	17,112.36	5,665.15	1,904.62	7,569.77	0.00	9,542.59	9,542.59
01-Aug-15	99,199.26	11,247.93	110,447.19	5,665.15	31,902.15	37,567.30	72,879.89	0.00	72,879.89
01-Feb-16	0.00	13,393.15	13,393.15	4,608.44	1,904.62	6,513.06	0.00	6,880.09	6,880.09
01-Aug-16	102,418.32	9,795.17	112,213.49	4,608.44	32,014.15	36,622.59	75,590.89	0.00	75,590.89
01-Feb-17	0.00	9,521.42	9,521.42	3,517.44	1,904.62	5,422.06	0.00	4,099.36	4,099.36
01-Aug-17	106,198.53	7,926.27	114,124.80	3,517.44	32,467.25	35,984.69	78,140.11	0.00	78,140.11
01-Feb-18	0.00	5,467.92	5,467.92	2,386.17	1,489.19	3,875.36	0.00	1,592.56	1,592.56
01-Aug-18	110,953.16	6,073.42	117,026.58	2,386.17	33,474.13	35,860.30	81,166.28	0.00	81,166.28
01-Feb-19	0.00	2,295.47	2,295.47	1,204.25	1,091.22	2,295.47	0.00	0.00	0.00
01-Aug-19	113,049.91	3,108.87	116,158.78	1,204.25	33,180.11	34,384.36	81,774.42	0.00	81,774.42
01-Feb-20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	$1,364,512.52	$603,579.13	$1,968,091.65	$250,211.05	$508,877.01	$759,088.06	$1,015,063.61	$193,939.98	$1,209,003.59

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool 5 Program)

MWRA
DW01-02A

Schedule of Administrative Fee [After September 28, 2001 Swap]

Date	Principal Outstanding	Administrative Fee Payable @ 0.075%
28-Sep-01		
01-Feb-02	1,572,049.85	805.67
01-Aug-02	1,572,049.85	1,179.02
01-Feb-03	1,504,417.80	1,128.32
01-Aug-03	1,504,417.80	1,128.32
01-Feb-04	1,435,282.26	1,076.47
01-Aug-04	1,435,282.26	1,076.47
01-Feb-05	1,364,512.52	1,023.40
01-Aug-05	1,364,512.52	1,023.40
01-Feb-06	1,291,979.17	968.98
01-Aug-06	1,291,979.17	968.98
01-Feb-07	1,217,554.52	913.17
01-Aug-07	1,217,554.52	913.17
01-Feb-08	1,141,112.92	855.82
01-Aug-08	1,141,112.92	855.82
01-Feb-09	1,062,341.11	796.77
01-Aug-09	1,062,341.11	796.77
01-Feb-10	980,947.67	735.71
01-Aug-10	980,947.67	735.71
01-Feb-11	896,160.23	672.13
01-Aug-11	896,160.23	672.13
01-Feb-12	809,689.33	607.26
01-Aug-12	809,689.33	607.26
01-Feb-13	720,560.53	540.43
01-Aug-13	720,560.53	540.43
01-Feb-14	627,799.38	470.86
01-Aug-14	627,799.38	470.86
01-Feb-15	531,819.18	398.86
01-Aug-15	531,819.18	398.86
01-Feb-16	432,619.92	324.46
01-Aug-16	432,619.92	324.46
01-Feb-17	330,201.60	247.65
01-Aug-17	330,201.60	247.65
01-Feb-18	224,003.07	168.01
01-Aug-18	224,003.07	168.01
01-Feb-19	113,049.91	84.79
01-Aug-19	113,049.91	84.79
01-Feb-20	0.00	0.00
01-Aug-20	0.00	0.00
01-Feb-21	0.00	0.00
01-Aug-21	0.00	0.00
01-Feb-22	0.00	0.00
01-Aug-22	0.00	0.00
01-Feb-23	0.00	0.00
01-Aug-23	0.00	0.00
01-Feb-24	0.00	0.00
01-Aug-24	0.00	0.00
01-Feb-25	0.00	0.00
01-Aug-25	0.00	0.00
01-Feb-26	0.00	0.00
01-Aug-26	0.00	0.00
01-Feb-27	0.00	0.00
01-Aug-27	0.00	0.00
01-Feb-28	0.00	0.00
01-Aug-28	0.00	0.00
01-Feb-29	0.00	0.00
01-Aug-29	0.00	0.00
01-Feb-30	0.00	0.00
01-Aug-30	0.00	0.00
		24,010.87

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Series 6

MWRA
00-07

Final Structuring Analysis

Estimated Net Borrower Debt Service

Date	Principal Outstanding	Debt Service [Net of Accrued Interest]	LESS DSRF Earnings @ 5.256300%	LESS Contract Assistance	Estimated Net Debt Service	PLUS Administrative Fee Payable @ 0.075%	Estimated Total Payment	Estimated Total Payment [Fiscal Year ending] 30-Jun
08-Nov-00								
01-Feb-01	$1,904,580.00	$23,435.58	$9,232.41	$1,573.11	$12,630.06	$658.67	$13,288.73	$13,288.73
01-Aug-01	1,904,580.00	88,912.15	20,022.09	30,238.75	38,651.31	1,428.44	40,079.75	--
01-Feb-02	1,866,492.00	49,919.56	19,621.68	1,573.11	28,724.77	1,399.87	30,124.64	70,204.39
01-Aug-02	1,866,492.00	89,076.56	19,621.68	30,238.75	39,216.13	1,399.87	40,616.00	--
01-Feb-03	1,827,335.00	48,989.58	19,210.04	1,573.11	28,206.43	1,370.50	29,576.93	70,192.93
01-Aug-03	1,827,335.00	89,271.58	19,210.04	30,238.75	39,822.79	1,370.50	41,193.29	--
01-Feb-04	1,787,053.00	48,032.88	18,786.57	1,573.11	27,673.20	1,340.29	29,013.49	70,206.78
01-Aug-04	1,787,053.00	89,417.88	18,786.57	30,238.75	40,392.56	1,340.29	41,732.85	--
01-Feb-05	1,745,668.00	47,101.71	18,351.51	1,573.11	27,177.09	1,309.25	28,486.34	70,219.19
01-Aug-05	1,745,668.00	89,567.71	18,351.51	30,238.75	40,977.45	1,309.25	42,286.70	--
01-Feb-06	1,703,202.00	46,146.23	17,905.08	1,573.11	26,668.04	1,277.40	27,945.44	70,232.14
01-Aug-06	1,703,202.00	89,832.23	17,905.08	30,238.75	41,688.40	1,277.40	42,965.80	--
01-Feb-07	1,659,516.00	45,054.08	17,445.83	1,573.11	26,035.14	1,244.64	27,279.78	70,245.58
01-Aug-07	1,659,516.00	90,164.08	17,445.83	30,238.75	42,479.50	1,244.64	43,724.14	--
01-Feb-08	1,614,406.00	43,869.94	16,971.60	1,573.11	25,325.23	1,210.80	26,536.03	70,260.17
01-Aug-08	1,614,406.00	90,448.94	16,971.60	30,238.75	43,238.59	1,210.80	44,449.39	--
01-Feb-09	1,567,827.00	42,705.46	16,481.94	1,573.11	24,650.41	1,175.87	25,826.28	70,275.67
01-Aug-09	1,567,827.00	90,802.46	16,481.94	30,238.75	44,081.77	1,175.87	45,257.64	--
01-Feb-10	1,519,730.00	41,442.92	15,976.31	1,573.11	23,893.50	1,139.80	25,033.30	70,290.94
01-Aug-10	1,519,730.00	91,172.92	15,976.31	30,238.75	44,957.86	1,139.80	46,097.66	--
01-Feb-11	1,470,000.00	40,137.50	15,453.52	1,573.11	23,110.87	1,102.50	24,213.37	70,311.03
01-Aug-11	1,470,000.00	90,137.50	15,453.52	30,238.75	44,445.23	1,102.50	45,547.73	--
01-Feb-12	1,420,000.00	38,825.00	14,927.89	1,573.11	22,324.00	1,065.00	23,389.00	68,936.73
01-Aug-12	1,420,000.00	93,825.00	14,927.89	30,238.75	48,658.36	1,065.00	49,723.36	--
01-Feb-13	1,365,000.00	37,450.00	14,349.70	1,573.11	21,527.19	1,023.75	22,550.94	72,274.30
01-Aug-13	1,365,000.00	92,450.00	14,349.70	30,238.75	47,861.55	1,023.75	48,885.30	--
01-Feb-14	1,310,000.00	35,903.13	13,771.51	1,573.11	20,558.51	982.50	21,541.01	70,426.31
01-Aug-14	1,310,000.00	90,903.13	13,771.51	30,238.75	46,892.87	982.50	47,875.37	--
01-Feb-15	1,255,000.00	34,493.75	13,193.31	1,573.11	19,727.33	941.25	20,668.58	68,543.95
01-Aug-15	1,255,000.00	94,493.75	13,193.31	30,238.75	51,061.69	941.25	52,002.94	--
01-Feb-16	1,195,000.00	32,806.25	12,562.56	1,573.11	18,670.58	896.25	19,566.83	71,569.77
01-Aug-16	1,195,000.00	92,806.25	12,562.56	30,238.75	50,004.94	896.25	50,901.19	--
01-Feb-17	1,135,000.00	31,118.75	11,931.80	1,573.11	17,613.84	851.25	18,465.09	69,366.28
01-Aug-17	1,135,000.00	96,118.75	11,931.80	30,238.75	53,948.20	851.25	54,799.45	--
01-Feb-18	1,070,000.00	29,290.63	11,248.48	1,573.11	16,469.04	802.50	17,271.54	72,070.99
01-Aug-18	1,070,000.00	94,290.63	11,248.48	30,238.75	52,803.40	802.50	53,605.90	--
01-Feb-19	1,005,000.00	27,462.50	10,565.16	1,573.11	15,324.23	753.75	16,077.98	69,683.88
01-Aug-19	1,005,000.00	97,462.50	10,565.16	30,238.75	56,658.59	753.75	57,412.34	--
01-Feb-20	935,000.00	25,625.00	9,829.28	1,573.11	14,222.61	701.25	14,923.86	72,336.20
01-Aug-20	935,000.00	95,625.00	9,829.28	30,238.75	55,556.97	701.25	56,258.22	--
01-Feb-21	865,000.00	23,787.50	9,093.40	1,573.11	13,120.99	648.75	13,769.74	70,027.96
01-Aug-21	865,000.00	98,787.50	9,093.40	30,238.75	59,455.35	648.75	60,104.10	--
01-Feb-22	790,000.00	21,725.00	8,304.95	1,573.11	11,846.94	592.50	12,439.44	72,543.54
01-Aug-22	790,000.00	96,725.00	8,304.95	30,238.75	58,181.30	592.50	58,773.80	--
01-Feb-23	715,000.00	19,662.50	7,516.51	1,573.11	10,572.88	536.25	11,109.13	69,882.93
01-Aug-23	715,000.00	99,662.50	7,516.51	30,238.75	61,907.24	536.25	62,443.49	--
01-Feb-24	635,000.00	17,462.50	6,675.50	1,573.11	9,213.89	476.25	9,690.14	72,133.63
01-Aug-24	635,000.00	97,462.50	6,675.50	30,238.75	60,548.25	476.25	61,024.50	--
01-Feb-25	555,000.00	15,262.50	5,834.49	1,573.11	7,854.90	416.25	8,271.15	69,295.65
01-Aug-25	555,000.00	100,262.50	5,834.49	30,238.75	64,189.26	416.25	64,605.51	--
01-Feb-26	470,000.00	12,925.00	4,940.92	1,573.11	6,410.97	352.50	6,763.47	71,368.98
01-Aug-26	470,000.00	102,925.00	4,940.92	30,238.75	67,745.33	352.50	68,097.83	--
01-Feb-27	380,000.00	10,450.00	3,994.79	1,573.11	4,882.10	285.00	5,167.10	73,264.93
01-Aug-27	380,000.00	100,450.00	3,994.79	30,238.75	66,216.46	285.00	66,501.46	--
01-Feb-28	290,000.00	7,975.00	3,048.65	1,573.11	3,353.24	217.50	3,570.74	70,072.20
01-Aug-28	290,000.00	102,975.00	3,048.65	30,238.75	69,687.60	217.50	69,905.10	--
01-Feb-29	195,000.00	5,362.50	2,049.96	1,573.11	1,739.43	146.25	1,885.68	71,790.78
01-Aug-29	195,000.00	100,362.50	2,049.96	30,238.75	68,073.79	146.25	68,220.04	--
01-Feb-30	100,000.00	2,750.00	1,051.26	1,573.11	125.63	75.00	200.63	68,420.67
01-Aug-30	100,000.00	102,750.00	1,051.26	30,238.75	71,459.99	75.00	71,534.99	--
01-Feb-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71,534.99
01-Aug-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
		$3,746,314.47	$711,442.90	$954,355.80	$2,080,515.77	$50,756.45	$2,131,272.22	$2,131,272.22

Average Annual Net Debt Service:	$69,979.04

Max:	73,264.93
Min:	68,420.67
Span:	4,844.26

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 6
MWRA
00-07
Final Structuring Analysis

AMENDED SCHEDULE C

G.E. 50.00%

Schedule of Payments

Initial Principal Amount: 1,745,668.00

	Schedule of Payments			Subsidy Amounts			Net Payments		
Date	Principal	Interest	Total	Equity Earnings	Commonwealth Subsidies	Total	Principal	Interest	Total
01-Feb-05	0.00	42,797.94	42,797.94	18,351.51	0.00	18,351.51	0.00	24,446.43	24,446.43
01-Aug-05	42,466.00	45,605.34	88,071.34	18,351.51	29,490.57	47,842.08	40,229.27	0.00	40,229.27
01-Feb-06	0.00	45,331.16	45,331.16	17,905.08	1,165.58	19,070.66	0.00	26,260.51	26,260.51
01-Aug-06	43,686.00	45,346.37	89,032.37	17,905.08	29,925.13	47,830.21	41,202.16	0.00	41,202.16
01-Feb-07	0.00	45,226.71	45,226.71	17,445.83	1,573.11	19,018.94	0.00	26,207.77	26,207.77
01-Aug-07	45,110.00	42,399.96	87,509.96	17,445.83	29,497.82	46,943.65	40,566.31	0.00	40,566.31
01-Feb-08	0.00	45,042.20	45,042.20	16,971.60	1,573.11	18,544.71	0.00	26,497.49	26,497.49
01-Aug-08	46,579.00	41,450.28	88,029.28	16,971.60	30,132.63	47,104.23	40,925.05	0.00	40,925.05
01-Feb-09	0.00	44,912.88	44,912.88	16,481.94	1,573.11	18,055.05	0.00	26,857.83	26,857.83
01-Aug-09	48,097.00	37,613.30	85,710.30	16,481.94	29,966.78	46,448.72	39,261.57	0.00	39,261.57
01-Feb-10	0.00	45,991.15	45,991.15	15,976.31	1,573.11	17,549.42	0.00	28,441.73	28,441.73
01-Aug-10	49,730.00	35,903.72	85,633.72	15,976.31	30,077.79	46,054.11	39,579.62	0.00	39,579.62
01-Feb-11	0.00	45,354.78	45,354.78	15,453.52	1,573.11	17,026.63	0.00	28,328.15	28,328.15
01-Aug-11	50,000.00	35,417.52	85,417.52	15,453.52	29,944.34	45,397.86	40,019.67	0.00	40,019.67
01-Feb-12	0.00	42,956.15	42,956.15	14,927.89	1,573.11	16,501.00	0.00	26,455.15	26,455.15
01-Aug-12	55,000.00	32,743.56	87,743.56	14,927.89	28,613.27	43,541.16	44,202.40	0.00	44,202.40
01-Feb-13	0.00	40,280.48	40,280.48	14,349.70	1,573.11	15,922.81	0.00	24,357.67	24,357.67
01-Aug-13	55,000.00	33,355.30	88,355.30	14,349.70	29,456.27	43,805.97	44,549.33	0.00	44,549.33
01-Feb-14	0.00	38,432.87	38,432.87	13,771.51	1,573.11	15,344.62	0.00	23,088.26	23,088.26
01-Aug-14	55,000.00	33,268.62	88,268.62	13,771.51	29,657.37	43,428.88	44,839.74	0.00	44,839.74
01-Feb-15	0.00	35,965.51	35,965.51	13,193.31	1,573.11	14,766.42	0.00	21,199.08	21,199.08
01-Aug-15	60,000.00	31,621.68	91,621.68	13,193.31	29,465.87	42,659.18	48,962.51	0.00	48,962.51
01-Feb-16	0.00	34,132.55	34,132.55	12,562.56	1,573.11	14,135.67	0.00	19,996.88	19,996.88
01-Aug-16	60,000.00	30,763.58	90,763.58	12,562.56	29,538.42	42,100.98	48,662.61	0.00	48,662.61
01-Feb-17	0.00	31,760.76	31,760.76	11,931.80	1,573.11	13,504.91	0.00	18,255.85	18,255.85
01-Aug-17	65,000.00	29,728.25	94,728.25	11,931.80	29,543.50	41,475.30	53,252.95	0.00	53,252.95
01-Feb-18	0.00	29,272.58	29,272.58	11,248.48	1,564.08	12,812.57	0.00	16,460.01	16,460.01
01-Aug-18	65,000.00	28,753.44	93,753.44	11,248.48	29,970.16	41,218.64	52,534.80	0.00	52,534.80
01-Feb-19	0.00	26,636.31	26,636.31	10,565.16	1,160.02	11,725.18	0.00	14,911.13	14,911.13
01-Aug-19	70,000.00	27,462.50	97,462.50	10,565.16	30,238.75	40,803.91	56,658.59	0.00	56,658.59
01-Feb-20	0.00	24,563.30	24,563.30	9,829.28	1,042.26	10,871.54	0.00	13,691.76	13,691.76
01-Aug-20	70,000.00	25,625.00	95,625.00	9,829.28	30,238.75	40,068.03	55,556.97	0.00	55,556.97
01-Feb-21	0.00	22,879.09	22,879.09	9,093.40	1,573.11	10,666.51	0.00	12,212.58	12,212.58
01-Aug-21	75,000.00	20,162.54	95,162.54	9,093.40	30,238.75	39,332.15	55,830.39	0.00	55,830.39
01-Feb-22	0.00	20,926.99	20,926.99	8,304.95	1,573.11	9,878.06	0.00	11,048.93	11,048.93
01-Aug-22	75,000.00	21,725.00	96,725.00	8,304.95	30,238.75	38,543.70	58,181.30	0.00	58,181.30
01-Feb-23	0.00	18,878.37	18,878.37	7,516.51	1,573.11	9,089.62	0.00	9,788.76	9,788.76
01-Aug-23	80,000.00	19,662.50	99,662.50	7,516.51	30,238.75	37,755.26	61,907.24	0.00	61,907.24
01-Feb-24	0.00	16,710.30	16,710.30	6,675.50	1,573.11	8,248.61	0.00	8,461.69	8,461.69
01-Aug-24	80,000.00	0.00	80,000.00	6,675.50	40,595.33 *	47,270.83	32,729.17	0.00	32,729.17
01-Feb-25	0.00	15,262.50	15,262.50	5,834.49	1,573.11	7,407.60	0.00	7,854.90	7,854.90
01-Aug-25	85,000.00	15,262.50	100,262.50	5,834.49	30,238.75	36,073.24	64,189.26	0.00	64,189.26
01-Feb-26	0.00	12,925.00	12,925.00	4,940.92	1,573.11	6,514.03	0.00	6,410.97	6,410.97
01-Aug-26	90,000.00	12,925.00	102,925.00	4,940.92	30,238.75	35,179.67	67,745.33	0.00	67,745.33
01-Feb-27	0.00	10,450.00	10,450.00	3,994.79	1,573.11	5,567.90	0.00	4,882.10	4,882.10
01-Aug-27	90,000.00	10,450.00	100,450.00	3,994.79	30,238.75	34,233.54	66,216.46	0.00	66,216.46
01-Feb-28	0.00	7,975.00	7,975.00	3,048.65	1,573.11	4,621.76	0.00	3,353.24	3,353.24
01-Aug-28	95,000.00	7,975.00	102,975.00	3,048.65	30,238.75	33,287.40	69,687.60	0.00	69,687.60
01-Feb-29	0.00	5,362.50	5,362.50	2,049.96	1,573.11	3,623.07	0.00	1,739.43	1,739.43
01-Aug-29	95,000.00	5,362.50	100,362.50	2,049.96	30,238.75	32,288.71	68,073.79	0.00	68,073.79
01-Feb-30	0.00	2,750.00	2,750.00	1,051.26	1,573.11	2,624.37	0.00	125.63	125.63
01-Aug-30	100,000.00	2,750.00	102,750.00	1,051.26	30,238.75	31,290.01	71,459.99	0.00	71,459.99
	$1,745,668.00	$1,426,110.56	$3,171,778.56	$566,951.86	$826,468.74	$1,393,420.60	$1,347,024.05	$431,333.91	$1,778,357.96

*Includes a credit for debt service savings the Trust expects to receive on such Payment Date as a result of the refunding of a portion of the Bonds, which savings are allocable to the Issuer pursuant to Section 4(i) of the Bond Purchase Agreement.

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Series 6

MWRA
00-08

Final Structuring Analysis

Estimated Net Borrower Debt Service

Date	Principal Outstanding	Debt Service [Net of Accrued Interest]	LESS DSRF Earnings @ 5.256300%	LESS Contract Assistance	Estimated Net Debt Service	PLUS Administrative Fee Payable @ 0.075%	Estimated Total Payment	Estimated Total Payment [Fiscal Year ending] 30-Jun
08-Nov-00								
01-Feb-01	$7,698,374.00	$94,712.07	$37,317.69	$6,423.53	$50,970.85	$2,662.35	$53,633.20	$53,633.20
01-Aug-01	7,698,374.00	360,594.68	80,929.93	122,159.35	157,505.40	5,773.78	163,279.18	--
01-Feb-02	7,543,179.00	201,713.80	79,298.42	6,423.53	115,991.85	5,657.38	121,649.23	284,928.41
01-Aug-02	7,543,179.00	361,217.80	79,298.42	122,159.35	159,760.03	5,657.38	165,417.41	--
01-Feb-03	7,383,675.00	197,925.58	77,621.62	6,423.53	113,880.43	5,537.76	119,418.19	284,835.60
01-Aug-03	7,383,675.00	361,962.58	77,621.62	122,159.35	162,181.61	5,537.76	167,719.37	--
01-Feb-04	7,219,638.00	194,029.70	75,897.17	6,423.53	111,709.00	5,414.73	117,123.73	284,843.10
01-Aug-04	7,219,638.00	362,514.70	75,897.17	122,159.35	164,458.18	5,414.73	169,872.91	--
01-Feb-05	7,051,153.00	190,238.78	74,125.95	6,423.53	109,689.30	5,288.36	114,977.66	284,850.57
01-Aug-05	7,051,153.00	363,077.78	74,125.95	122,159.35	166,792.48	5,288.36	172,080.84	--
01-Feb-06	6,878,314.00	186,349.90	72,308.96	6,423.53	107,617.41	5,158.74	112,776.15	284,856.99
01-Aug-06	6,878,314.00	364,106.90	72,308.96	122,159.35	169,638.59	5,158.74	174,797.33	--
01-Feb-07	6,700,557.00	181,905.98	70,440.28	6,423.53	105,042.17	5,025.42	110,067.59	284,864.92
01-Aug-07	6,700,557.00	365,404.98	70,440.28	122,159.35	172,805.35	5,025.42	177,830.77	--
01-Feb-08	6,517,058.00	177,089.13	68,511.22	6,423.53	102,154.38	4,887.79	107,042.17	284,872.94
01-Aug-08	6,517,058.00	366,509.13	68,511.22	122,159.35	175,838.56	4,887.79	180,726.35	--
01-Feb-09	6,327,638.00	172,353.63	66,519.93	6,423.53	99,410.17	4,745.73	104,155.90	284,882.25
01-Aug-09	6,327,638.00	367,891.63	66,519.93	122,159.35	179,212.35	4,745.73	183,958.08	--
01-Feb-10	6,132,100.00	167,220.75	64,464.31	6,423.53	96,332.91	4,599.08	100,931.99	284,890.07
01-Aug-10	6,132,100.00	369,320.75	64,464.31	122,159.35	182,697.09	4,599.08	187,296.17	--
01-Feb-11	5,930,000.00	161,915.63	62,339.72	6,423.53	93,152.38	4,447.50	97,599.88	284,896.05
01-Aug-11	5,930,000.00	371,915.63	62,339.72	122,159.35	187,416.56	4,447.50	191,864.06	--
01-Feb-12	5,720,000.00	156,403.13	60,132.07	6,423.53	89,847.53	4,290.00	94,137.53	286,001.59
01-Aug-12	5,720,000.00	371,403.13	60,132.07	122,159.35	189,111.71	4,290.00	193,401.71	--
01-Feb-13	5,505,000.00	151,028.13	57,871.86	6,423.53	86,732.74	4,128.75	90,861.49	284,263.20
01-Aug-13	5,505,000.00	376,028.13	57,871.86	122,159.35	195,996.92	4,128.75	200,125.67	--
01-Feb-14	5,280,000.00	144,700.00	55,506.53	6,423.53	82,769.94	3,960.00	86,729.94	286,855.61
01-Aug-14	5,280,000.00	374,700.00	55,506.53	122,159.35	197,034.12	3,960.00	200,994.12	--
01-Feb-15	5,050,000.00	138,806.25	53,088.63	6,423.53	79,294.09	3,787.50	83,081.59	284,075.71
01-Aug-15	5,050,000.00	378,806.25	53,088.63	122,159.35	203,558.27	3,787.50	207,345.77	--
01-Feb-16	4,810,000.00	132,056.25	50,565.61	6,423.53	75,067.11	3,607.50	78,674.61	286,020.38
01-Aug-16	4,810,000.00	382,056.25	50,565.61	122,159.35	209,331.29	3,607.50	212,938.79	--
01-Feb-17	4,560,000.00	125,025.00	47,937.46	6,423.53	70,664.01	3,420.00	74,084.01	287,022.80
01-Aug-17	4,560,000.00	380,025.00	47,937.46	122,159.35	209,928.19	3,420.00	213,348.19	--
01-Feb-18	4,305,000.00	117,853.13	45,256.74	6,423.53	66,172.86	3,228.75	69,401.61	282,749.80
01-Aug-18	4,305,000.00	382,853.13	45,256.74	122,159.35	215,437.04	3,228.75	218,665.79	--
01-Feb-19	4,040,000.00	110,400.00	42,470.90	6,423.53	61,505.57	3,030.00	64,535.57	283,201.36
01-Aug-19	4,040,000.00	385,400.00	42,470.90	122,159.35	220,769.75	3,030.00	223,799.75	--
01-Feb-20	3,765,000.00	103,181.25	39,579.94	6,423.53	57,177.78	2,823.75	60,001.53	283,801.28
01-Aug-20	3,765,000.00	388,181.25	39,579.94	122,159.35	226,441.96	2,823.75	229,265.71	--
01-Feb-21	3,480,000.00	95,700.00	36,583.85	6,423.53	52,692.62	2,610.00	55,302.62	284,568.33
01-Aug-21	3,480,000.00	390,700.00	36,583.85	122,159.35	231,956.80	2,610.00	234,566.80	--
01-Feb-22	3,185,000.00	87,587.50	33,482.63	6,423.53	47,681.34	2,388.75	50,070.09	284,636.89
01-Aug-22	3,185,000.00	392,587.50	33,482.63	122,159.35	236,945.52	2,388.75	239,334.27	--
01-Feb-23	2,880,000.00	79,200.00	30,276.29	6,423.53	42,500.18	2,160.00	44,660.18	283,994.45
01-Aug-23	2,880,000.00	394,200.00	30,276.29	122,159.35	241,764.36	2,160.00	243,924.36	--
01-Feb-24	2,565,000.00	70,537.50	26,964.82	6,423.53	37,149.15	1,923.75	39,072.90	282,997.26
01-Aug-24	2,565,000.00	400,537.50	26,964.82	122,159.35	251,413.33	1,923.75	253,337.08	--
01-Feb-25	2,235,000.00	61,462.50	23,495.66	6,423.53	31,543.31	1,676.25	33,219.56	286,556.64
01-Aug-25	2,235,000.00	401,462.50	23,495.66	122,159.35	255,807.49	1,676.25	257,483.74	--
01-Feb-26	1,895,000.00	52,112.50	19,921.38	6,423.53	25,767.59	1,421.25	27,188.84	284,672.58
01-Aug-26	1,895,000.00	407,112.50	19,921.38	122,159.35	265,031.77	1,421.25	266,453.02	--
01-Feb-27	1,540,000.00	42,350.00	16,189.40	6,423.53	19,737.07	1,155.00	20,892.07	287,345.09
01-Aug-27	1,540,000.00	407,350.00	16,189.40	122,159.35	269,001.25	1,155.00	270,156.25	--
01-Feb-28	1,175,000.00	32,312.50	12,352.31	6,423.53	13,536.66	881.25	14,417.91	284,574.16
01-Aug-28	1,175,000.00	412,312.50	12,352.31	122,159.35	277,800.84	881.25	278,682.09	--
01-Feb-29	795,000.00	21,862.50	8,357.52	6,423.53	7,081.45	596.25	7,677.70	286,359.79
01-Aug-29	795,000.00	416,862.50	8,357.52	122,159.35	286,345.63	596.25	286,941.88	--
01-Feb-30	400,000.00	11,000.00	4,205.04	6,423.53	371.43	300.00	671.43	287,613.31
01-Aug-30	400,000.00	411,000.00	4,205.04	122,159.35	284,635.61	300.00	284,935.61	--
01-Feb-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	284,935.61
01-Aug-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
		$15,127,127.79	$2,869,780.06	$3,857,486.40	$8,399,861.33	$204,738.61	$8,604,599.94	$8,604,599.94

Average Annual Net Debt Service:	$282,532.94

Max:	287,613.31
Min:	282,749.80
Span:	4,863.51

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 6
MWRA
00-08
Final Structuring Analysis

AMENDED SCHEDULE C

G.E. 50.00%

Schedule of Payments

Initial Principal Amount: 7,051,153.00

	Schedule of Payments			Subsidy Amounts			Net Payments		
Date	Principal	Interest	Total	Equity Earnings	Commonwealth Subsidies	Total	Principal	Interest	Total
01-Feb-05	0.00	172,792.45	172,792.45	74,125.95	0.00	74,125.95	0.00	98,666.49	98,666.49
01-Aug-05	172,839.00	184,198.44	357,037.44	74,125.95	119,139.18	193,265.13	163,772.31	0.00	163,772.31
01-Feb-06	0.00	183,059.75	183,059.75	72,308.96	4,778.45	77,087.42	0.00	105,972.33	105,972.33
01-Aug-06	177,757.00	183,121.13	360,878.13	72,308.96	120,893.38	193,202.34	167,675.78	0.00	167,675.78
01-Feb-07	0.00	182,602.81	182,602.81	70,440.28	6,423.53	76,863.81	0.00	105,739.01	105,739.01
01-Aug-07	183,499.00	171,192.16	354,691.16	70,440.28	119,168.46	189,608.73	165,082.42	0.00	165,082.42
01-Feb-08	0.00	181,821.17	181,821.17	68,511.22	6,423.53	74,934.75	0.00	106,886.42	106,886.42
01-Aug-08	189,420.00	167,321.74	356,741.74	68,511.22	121,730.96	190,242.19	166,499.55	0.00	166,499.55
01-Feb-09	0.00	181,264.25	181,264.25	66,519.93	6,423.53	72,943.46	0.00	108,320.79	108,320.79
01-Aug-09	195,538.00	151,798.21	347,336.21	66,519.93	121,061.51	187,581.44	159,754.77	0.00	159,754.77
01-Feb-10	0.00	185,580.49	185,580.49	64,464.31	6,423.53	70,887.84	0.00	114,692.65	114,692.65
01-Aug-10	202,100.00	144,860.81	346,960.81	64,464.31	121,509.62	185,973.93	160,986.87	0.00	160,986.87
01-Feb-11	0.00	182,976.11	182,976.11	62,339.72	6,423.53	68,763.25	0.00	114,212.86	114,212.86
01-Aug-11	210,000.00	142,489.08	352,489.08	62,339.72	120,947.60	183,287.32	169,201.77	0.00	169,201.77
01-Feb-12	0.00	173,406.17	173,406.17	60,132.07	6,423.53	66,555.60	0.00	106,850.57	106,850.57
01-Aug-12	215,000.00	132,276.30	347,276.30	60,132.07	115,710.60	175,842.67	171,433.62	0.00	171,433.62
01-Feb-13	0.00	162,257.47	162,257.47	57,871.86	6,423.53	64,295.39	0.00	97,962.07	97,962.07
01-Aug-13	225,000.00	134,375.41	359,375.41	57,871.86	118,977.09	176,848.95	182,526.46	0.00	182,526.46
01-Feb-14	0.00	154,988.19	154,988.19	55,506.53	6,423.53	61,930.06	0.00	93,058.14	93,058.14
01-Aug-14	230,000.00	133,893.26	363,893.26	55,506.53	119,774.54	175,281.07	188,612.19	0.00	188,612.19
01-Feb-15	0.00	144,843.37	144,843.37	53,088.63	6,423.53	59,512.16	0.00	85,331.21	85,331.21
01-Aug-15	240,000.00	127,293.90	367,293.90	53,088.63	119,061.33	172,149.96	195,143.94	0.00	195,143.94
01-Feb-16	0.00	137,372.56	137,372.56	50,565.61	6,423.53	56,989.14	0.00	80,383.42	80,383.42
01-Aug-16	250,000.00	123,650.00	373,650.00	50,565.61	119,277.27	169,842.87	203,807.13	0.00	203,807.13
01-Feb-17	0.00	127,667.09	127,667.09	47,937.46	6,423.53	54,360.99	0.00	73,306.10	73,306.10
01-Aug-17	255,000.00	119,548.26	374,548.26	47,937.46	119,420.98	167,358.44	207,189.82	0.00	207,189.82
01-Feb-18	0.00	117,780.55	117,780.55	45,256.74	6,387.24	51,643.98	0.00	66,136.57	66,136.57
01-Aug-18	265,000.00	115,667.87	380,667.87	45,256.74	121,066.72	166,323.46	214,344.41	0.00	214,344.41
01-Feb-19	0.00	107,085.95	107,085.95	42,470.90	4,766.51	47,237.41	0.00	59,848.54	59,848.54
01-Aug-19	275,000.00	110,400.00	385,400.00	42,470.90	122,159.35	164,630.25	220,769.75	0.00	220,769.75
01-Feb-20	0.00	98,904.03	98,904.03	39,579.94	4,284.92	43,864.86	0.00	55,039.17	55,039.17
01-Aug-20	285,000.00	103,181.25	388,181.25	39,579.94	122,159.35	161,739.29	226,441.96	0.00	226,441.96
01-Feb-21	0.00	92,050.69	92,050.69	36,583.85	6,423.53	43,007.38	0.00	49,043.31	49,043.31
01-Aug-21	295,000.00	81,409.88	376,409.88	36,583.85	122,159.35	158,743.20	217,666.68	0.00	217,666.68
01-Feb-22	0.00	84,361.19	84,361.19	33,482.63	6,423.53	39,906.16	0.00	44,455.03	44,455.03
01-Aug-22	305,000.00	87,587.50	392,587.50	33,482.63	122,159.35	155,641.98	236,945.52	0.00	236,945.52
01-Feb-23	0.00	76,038.26	76,038.26	30,276.29	6,423.53	36,699.82	0.00	39,338.44	39,338.44
01-Aug-23	315,000.00	79,200.00	394,200.00	30,276.29	122,159.35	152,435.64	241,764.36	0.00	241,764.36
01-Feb-24	0.00	67,434.69	67,434.69	26,964.82	6,423.53	33,388.35	0.00	34,046.34	34,046.34
01-Aug-24	330,000.00	0.00	330,000.00	26,964.82	166,375.55 *	193,340.37	136,659.63	0.00	136,659.63
01-Feb-25	0.00	61,462.50	61,462.50	23,495.66	6,423.53	29,919.19	0.00	31,543.31	31,543.31
01-Aug-25	340,000.00	61,462.50	401,462.50	23,495.66	122,159.35	145,655.01	255,807.49	0.00	255,807.49
01-Feb-26	0.00	52,112.50	52,112.50	19,921.38	6,423.53	26,344.91	0.00	25,767.59	25,767.59
01-Aug-26	355,000.00	52,112.50	407,112.50	19,921.38	122,159.35	142,080.73	265,031.77	0.00	265,031.77
01-Feb-27	0.00	42,350.00	42,350.00	16,189.40	6,423.53	22,612.93	0.00	19,737.07	19,737.07
01-Aug-27	365,000.00	42,350.00	407,350.00	16,189.40	122,159.35	138,348.75	269,001.25	0.00	269,001.25
01-Feb-28	0.00	32,312.50	32,312.50	12,352.31	6,423.53	18,775.84	0.00	13,536.67	13,536.67
01-Aug-28	380,000.00	32,312.50	412,312.50	12,352.31	122,159.35	134,511.66	277,800.85	0.00	277,800.85
01-Feb-29	0.00	21,862.50	21,862.50	8,357.52	6,423.53	14,781.05	0.00	7,081.45	7,081.45
01-Aug-29	395,000.00	21,862.50	416,862.50	8,357.52	122,159.35	130,516.87	286,345.63	0.00	286,345.63
01-Feb-30	0.00	11,000.00	11,000.00	4,205.04	6,423.53	10,628.57	0.00	371.43	371.43
01-Aug-30	400,000.00	11,000.00	411,000.00	4,205.04	122,159.35	126,364.39	284,635.61	0.00	284,635.61
	$7,051,153.00	$5,749,952.44	$12,801,105.44	$2,285,898.01	$3,342,978.89	$5,628,876.90	$5,434,901.55	$1,737,326.99	$7,172,228.54

*Includes a credit for debt service savings the Trust expects to receive on such Payment Date as a result of the refunding of a portion of the Bonds, which savings are allocable to the Issuer pursuant to Section 4(i) of the Bond Purchase Agreement.

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Series 6

MWRA
97-66

Final Structuring Analysis

Estimated Net Borrower Debt Service

Date	Principal Outstanding	Debt Service [Net of Accrued Interest]	LESS DSRF Earnings @ 5.256300%	LESS Contract Assistance	Estimated Net Debt Service	PLUS Administrative Fee Payable @ 0.075%	Estimated Total Payment	Estimated Total Payment [Fiscal Year ending] 30-Jun
08-Nov-00								
01-Feb-01	$909,705.00	$11,190.77	$4,409.77	$764.43	$6,016.57	$314.61	$6,331.18	$6,331.18
01-Aug-01	909,705.00	42,670.14	9,563.36	14,429.85	18,676.93	682.28	19,359.21	–
01-Feb-02	891,304.00	23,832.12	9,369.92	764.43	13,697.77	668.48	14,366.25	33,725.46
01-Aug-02	891,304.00	42,745.12	9,369.92	14,429.85	18,945.35	668.48	19,613.83	–
01-Feb-03	872,391.00	23,382.93	9,171.10	764.43	13,447.40	654.29	14,101.69	33,715.52
01-Aug-03	872,391.00	42,833.93	9,171.10	14,429.85	19,232.98	654.29	19,887.27	–
01-Feb-04	852,940.00	22,920.97	8,966.62	764.43	13,189.92	639.71	13,829.63	33,716.90
01-Aug-04	852,940.00	42,899.97	8,966.62	14,429.85	19,503.50	639.71	20,143.21	–
01-Feb-05	832,961.00	22,471.44	8,756.59	764.43	12,950.42	624.72	13,575.14	33,718.35
01-Aug-05	832,961.00	42,967.44	8,756.59	14,429.85	19,781.00	624.72	20,405.72	–
01-Feb-06	812,465.00	22,010.28	8,541.12	764.43	12,704.73	609.35	13,314.08	33,719.80
01-Aug-06	812,465.00	43,090.28	8,541.12	14,429.85	20,119.31	609.35	20,728.66	–
01-Feb-07	791,385.00	21,483.28	8,319.51	764.43	12,399.34	593.54	12,992.88	33,721.54
01-Aug-07	791,385.00	43,245.28	8,319.51	14,429.85	20,495.92	593.54	21,089.46	–
01-Feb-08	769,623.00	20,912.03	8,090.74	764.43	12,056.86	577.22	12,634.08	33,723.54
01-Aug-08	769,623.00	43,377.03	8,090.74	14,429.85	20,856.44	577.22	21,433.66	–
01-Feb-09	747,158.00	20,350.40	7,854.57	764.43	11,731.40	560.37	12,291.77	33,725.43
01-Aug-09	747,158.00	43,541.40	7,854.57	14,429.85	21,256.98	560.37	21,817.35	–
01-Feb-10	723,967.00	19,741.64	7,610.78	764.43	11,366.43	542.98	11,909.41	33,726.76
01-Aug-10	723,967.00	43,708.64	7,610.78	14,429.85	21,668.01	542.98	22,210.99	–
01-Feb-11	700,000.00	19,112.50	7,358.82	764.43	10,989.25	525.00	11,514.25	33,725.24
01-Aug-11	700,000.00	44,112.50	7,358.82	14,429.85	22,323.83	525.00	22,848.83	–
01-Feb-12	675,000.00	18,456.25	7,096.01	764.43	10,595.81	506.25	11,102.06	33,950.89
01-Aug-12	675,000.00	43,456.25	7,096.01	14,429.85	21,930.39	506.25	22,436.64	–
01-Feb-13	650,000.00	17,831.25	6,833.19	764.43	10,233.63	487.50	10,721.13	33,157.77
01-Aug-13	650,000.00	42,831.25	6,833.19	14,429.85	21,568.21	487.50	22,055.71	–
01-Feb-14	625,000.00	17,128.13	6,570.38	764.43	9,793.32	468.75	10,262.07	32,317.78
01-Aug-14	625,000.00	42,128.13	6,570.38	14,429.85	21,127.90	468.75	21,596.65	–
01-Feb-15	600,000.00	16,487.50	6,307.56	764.43	9,415.51	450.00	9,865.51	31,462.16
01-Aug-15	600,000.00	46,487.50	6,307.56	14,429.85	25,750.09	450.00	26,200.09	–
01-Feb-16	570,000.00	15,643.75	5,992.18	764.43	8,887.14	427.50	9,314.64	35,514.73
01-Aug-16	570,000.00	45,643.75	5,992.18	14,429.85	25,221.72	427.50	25,649.22	–
01-Feb-17	540,000.00	14,800.00	5,676.80	764.43	8,358.77	405.00	8,763.77	34,412.99
01-Aug-17	540,000.00	44,800.00	5,676.80	14,429.85	24,693.35	405.00	25,098.35	–
01-Feb-18	510,000.00	13,956.25	5,361.43	764.43	7,830.39	382.50	8,212.89	33,311.24
01-Aug-18	510,000.00	43,956.25	5,361.43	14,429.85	24,164.97	382.50	24,547.47	–
01-Feb-19	480,000.00	13,112.50	5,046.05	764.43	7,302.02	360.00	7,662.02	32,209.49
01-Aug-19	480,000.00	48,112.50	5,046.05	14,429.85	28,636.60	360.00	28,996.60	–
01-Feb-20	445,000.00	12,193.75	4,678.11	764.43	6,751.21	333.75	7,084.96	36,081.56
01-Aug-20	445,000.00	47,193.75	4,678.11	14,429.85	28,085.79	333.75	28,419.54	–
01-Feb-21	410,000.00	11,275.00	4,310.17	764.43	6,200.40	307.50	6,507.90	34,927.44
01-Aug-21	410,000.00	46,275.00	4,310.17	14,429.85	27,534.98	307.50	27,842.48	–
01-Feb-22	375,000.00	10,312.50	3,942.23	764.43	5,605.84	281.25	5,887.09	33,729.57
01-Aug-22	375,000.00	45,312.50	3,942.23	14,429.85	26,940.42	281.25	27,221.67	–
01-Feb-23	340,000.00	9,350.00	3,574.28	764.43	5,011.29	255.00	5,266.29	32,487.96
01-Aug-23	340,000.00	49,350.00	3,574.28	14,429.85	31,345.87	255.00	31,600.87	–
01-Feb-24	300,000.00	8,250.00	3,153.78	764.43	4,331.79	225.00	4,556.79	36,157.66
01-Aug-24	300,000.00	48,250.00	3,153.78	14,429.85	30,666.37	225.00	30,891.37	–
01-Feb-25	260,000.00	7,150.00	2,733.28	764.43	3,652.29	195.00	3,847.29	34,738.66
01-Aug-25	260,000.00	47,150.00	2,733.28	14,429.85	29,986.87	195.00	30,181.87	–
01-Feb-26	220,000.00	6,050.00	2,312.77	764.43	2,972.80	165.00	3,137.80	33,319.67
01-Aug-26	220,000.00	46,050.00	2,312.77	14,429.85	29,307.38	165.00	29,472.38	–
01-Feb-27	180,000.00	4,950.00	1,892.27	764.43	2,293.30	135.00	2,428.30	31,900.68
01-Aug-27	180,000.00	49,950.00	1,892.27	14,429.85	33,627.88	135.00	33,762.88	–
01-Feb-28	135,000.00	3,712.50	1,419.20	764.43	1,528.87	101.25	1,630.12	35,393.00
01-Aug-28	135,000.00	48,712.50	1,419.20	14,429.85	32,863.45	101.25	32,964.70	–
01-Feb-29	90,000.00	2,475.00	946.13	764.43	764.44	67.50	831.94	33,796.64
01-Aug-29	90,000.00	47,475.00	946.13	14,429.85	32,099.02	67.50	32,166.52	–
01-Feb-30	45,000.00	1,237.50	473.07	764.43	0.00	33.75	33.75	32,200.27
01-Aug-30	45,000.00	46,237.50	473.07	14,429.85	31,334.58	33.75	31,368.33	–
01-Feb-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31,368.33
01-Aug-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	–
		$1,786,343.85	$338,690.45	$455,828.40	$991,825.00	$24,163.21	$1,015,988.21	$1,015,988.21

Average Annual Net Debt Service:	$33,360.46

Max:	36,157.66
Min:	31,368.33
Span:	4,789.33

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 6
MWRA
97-66
Final Structuring Analysis

AMENDED SCHEDULE C

G.E. 50.00%

Schedule of Payments

Initial Principal Amount: 832,961.00

	Schedule of Payments			Subsidy Amounts			Net Payments		
Date	Principal	Interest	Total	Equity Earnings	Commonwealth Subsidies	Total	Principal	Interest	Total
01-Feb-05	0.00	20,392.09	20,392.09	8,756.59	0.00	8,756.59	0.00	11,635.50	11,635.50
01-Aug-05	20,496.00	21,750.88	42,246.88	8,756.59	14,069.57	22,826.16	19,420.73	0.00	19,420.73
01-Feb-06	0.00	21,617.79	21,617.79	8,541.12	568.19	9,109.31	0.00	12,508.49	12,508.49
01-Aug-06	21,080.00	21,625.12	42,705.12	8,541.12	14,278.83	22,819.95	19,885.17	0.00	19,885.17
01-Feb-07	0.00	21,566.41	21,566.41	8,319.51	764.43	9,083.94	0.00	12,482.46	12,482.46
01-Aug-07	21,762.00	20,205.22	41,967.22	8,319.51	14,073.06	22,392.58	19,574.64	0.00	19,574.64
01-Feb-08	0.00	21,476.52	21,476.52	8,090.74	764.43	8,855.17	0.00	12,621.35	12,621.35
01-Aug-08	22,465.00	19,746.87	42,211.87	8,090.74	14,378.75	22,469.49	19,742.38	0.00	19,742.38
01-Feb-09	0.00	21,413.35	21,413.35	7,854.57	764.43	8,619.00	0.00	12,794.35	12,794.35
01-Aug-09	23,191.00	17,898.33	41,089.33	7,854.57	14,298.89	22,153.46	18,935.87	0.00	18,935.87
01-Feb-10	0.00	21,931.79	21,931.79	7,610.78	764.43	8,375.21	0.00	13,556.58	13,556.58
01-Aug-10	23,967.00	17,074.30	41,041.30	7,610.78	14,352.34	21,963.12	19,078.19	0.00	19,078.19
01-Feb-11	0.00	21,624.82	21,624.82	7,358.82	764.43	8,123.25	0.00	13,501.57	13,501.57
01-Aug-11	25,000.00	16,797.43	41,797.43	7,358.82	14,285.44	21,644.26	20,153.16	0.00	20,153.16
01-Feb-12	0.00	20,482.51	20,482.51	7,096.01	764.43	7,860.44	0.00	12,622.08	12,622.08
01-Aug-12	25,000.00	15,614.52	40,614.52	7,096.01	13,670.30	20,766.30	19,848.22	0.00	19,848.22
01-Feb-13	0.00	19,153.87	19,153.87	6,833.19	764.43	7,597.62	0.00	11,556.25	11,556.25
01-Aug-13	25,000.00	15,921.98	40,921.98	6,833.19	14,065.00	20,898.19	20,023.80	0.00	20,023.80
01-Feb-14	0.00	18,307.69	18,307.69	6,570.38	764.43	7,334.81	0.00	10,972.89	10,972.89
01-Aug-14	25,000.00	15,889.38	40,889.38	6,570.38	14,156.48	20,726.86	20,162.52	0.00	20,162.52
01-Feb-15	0.00	17,179.52	17,179.52	6,307.56	764.43	7,071.99	0.00	10,107.53	10,107.53
01-Aug-15	30,000.00	15,066.74	45,066.74	6,307.56	14,047.52	20,355.08	24,711.66	0.00	24,711.66
01-Feb-16	0.00	16,299.84	16,299.84	5,992.18	764.43	6,756.61	0.00	9,543.23	9,543.23
01-Aug-16	30,000.00	14,634.01	44,634.01	5,992.18	14,083.66	20,075.84	24,558.17	0.00	24,558.17
01-Feb-17	0.00	15,117.36	15,117.36	5,676.80	764.43	6,441.23	0.00	8,676.13	8,676.13
01-Aug-17	30,000.00	14,152.91	44,152.91	5,676.80	14,106.30	19,783.11	24,369.80	0.00	24,369.80
01-Feb-18	0.00	13,947.49	13,947.49	5,361.43	760.05	6,121.47	0.00	7,826.01	7,826.01
01-Aug-18	30,000.00	13,706.25	43,706.25	5,361.43	14,304.85	19,666.28	24,039.97	0.00	24,039.97
01-Feb-19	0.00	12,707.92	12,707.92	5,046.05	562.14	5,608.19	0.00	7,099.73	7,099.73
01-Aug-19	35,000.00	13,112.50	48,112.50	5,046.05	14,429.85	19,475.90	28,636.60	0.00	28,636.60
01-Feb-20	0.00	11,676.14	11,676.14	4,678.11	505.62	5,183.73	0.00	6,492.41	6,492.41
01-Aug-20	35,000.00	12,193.75	47,193.75	4,678.11	14,429.85	19,107.96	28,085.79	0.00	28,085.79
01-Feb-21	0.00	10,835.14	10,835.14	4,310.17	764.43	5,074.60	0.00	5,760.54	5,760.54
01-Aug-21	35,000.00	9,576.68	44,576.68	4,310.17	14,429.85	18,740.02	25,836.66	0.00	25,836.66
01-Feb-22	0.00	9,921.81	9,921.81	3,942.23	764.43	4,706.66	0.00	5,215.15	5,215.15
01-Aug-22	35,000.00	10,312.50	45,312.50	3,942.23	14,429.85	18,372.08	26,940.43	0.00	26,940.43
01-Feb-23	0.00	8,957.94	8,957.94	3,574.28	764.43	4,338.71	0.00	4,619.22	4,619.22
01-Aug-23	40,000.00	9,350.00	49,350.00	3,574.28	14,429.85	18,004.13	31,345.87	0.00	31,345.87
01-Feb-24	0.00	7,873.90	7,873.90	3,153.78	764.43	3,918.21	0.00	3,955.69	3,955.69
01-Aug-24	40,000.00	0.00	40,000.00	3,153.78	20,089.39 *	23,243.17	16,756.83	0.00	16,756.83
01-Feb-25	0.00	7,150.00	7,150.00	2,733.28	764.43	3,497.71	0.00	3,652.29	3,652.29
01-Aug-25	40,000.00	7,150.00	47,150.00	2,733.28	14,429.85	17,163.13	29,986.87	0.00	29,986.87
01-Feb-26	0.00	6,050.00	6,050.00	2,312.77	764.43	3,077.20	0.00	2,972.80	2,972.80
01-Aug-26	40,000.00	6,050.00	46,050.00	2,312.77	14,429.85	16,742.62	29,307.38	0.00	29,307.38
01-Feb-27	0.00	4,950.00	4,950.00	1,892.27	764.43	2,656.70	0.00	2,293.30	2,293.30
01-Aug-27	45,000.00	4,950.00	49,950.00	1,892.27	14,429.85	16,322.12	33,627.88	0.00	33,627.88
01-Feb-28	0.00	3,712.50	3,712.50	1,419.20	764.43	2,183.63	0.00	1,528.87	1,528.87
01-Aug-28	45,000.00	3,712.50	48,712.50	1,419.20	14,429.85	15,849.05	32,863.45	0.00	32,863.45
01-Feb-29	0.00	2,475.00	2,475.00	946.13	764.43	1,710.56	0.00	764.44	764.44
01-Aug-29	45,000.00	2,475.00	47,475.00	946.13	14,429.85	15,375.98	32,099.02	0.00	32,099.02
01-Feb-30	0.00	1,237.50	1,237.50	473.07	764.43	1,237.50	0.00	0.00	0.00
01-Aug-30	45,000.00	1,237.50	46,237.50	473.07	14,429.85	14,902.92	31,334.58	0.00	31,334.58
	$832,961.00	$678,263.28	$1,511,224.28	$269,701.99	$395,437.77	$665,139.76	$641,325.63	$204,758.89	$846,084.51

*Includes a credit for debt service savings the Trust expects to receive on such Payment Date as a result of the refunding of a portion of the Bonds, which savings are allocable to the Issuer pursuant to Section 4(i) of the Bond Purchase Agreement.

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Series 6

MWRA
98-13

Final Structuring Analysis

Estimated Net Borrower Debt Service

Date	Principal Outstanding	Debt Service [Net of Accrued Interest]	LESS DSRF Earnings @ 5.256300%	LESS Contract Assistance	Estimated Net Debt Service	PLUS Administrative Fee Payable @ 0.075%	Estimated Total Payment	Estimated Total Payment [Fiscal Year ending] 30-Jun
08-Nov-00								
01-Feb-01	$909,705.00	$11,190.77	$4,409.77	$764.43	$6,016.57	$314.61	$6,331.18	$6,331.18
01-Aug-01	909,705.00	42,670.14	9,563.36	14,429.85	18,676.93	682.28	19,359.21	--
01-Feb-02	891,304.00	23,832.12	9,369.92	764.43	13,697.77	668.48	14,366.25	33,725.46
01-Aug-02	891,304.00	42,745.12	9,369.92	14,429.85	18,945.35	668.48	19,613.83	--
01-Feb-03	872,391.00	23,382.93	9,171.10	764.43	13,447.40	654.29	14,101.69	33,715.52
01-Aug-03	872,391.00	42,833.93	9,171.10	14,429.85	19,232.98	654.29	19,887.27	--
01-Feb-04	852,940.00	22,920.97	8,966.62	764.43	13,189.92	639.71	13,829.63	33,716.90
01-Aug-04	852,940.00	42,899.97	8,966.62	14,429.85	19,503.50	639.71	20,143.21	--
01-Feb-05	832,961.00	22,471.44	8,756.59	764.43	12,950.42	624.72	13,575.14	33,718.35
01-Aug-05	832,961.00	42,967.44	8,756.59	14,429.85	19,781.00	624.72	20,405.72	--
01-Feb-06	812,465.00	22,010.28	8,541.12	764.43	12,704.73	609.35	13,314.08	33,719.80
01-Aug-06	812,465.00	43,090.28	8,541.12	14,429.85	20,119.31	609.35	20,728.66	--
01-Feb-07	791,385.00	21,483.28	8,319.51	764.43	12,399.34	593.54	12,992.88	33,721.54
01-Aug-07	791,385.00	43,245.28	8,319.51	14,429.85	20,495.92	593.54	21,089.46	--
01-Feb-08	769,623.00	20,912.03	8,090.74	764.43	12,056.86	577.22	12,634.08	33,723.54
01-Aug-08	769,623.00	43,377.03	8,090.74	14,429.85	20,856.44	577.22	21,433.66	--
01-Feb-09	747,158.00	20,350.40	7,854.57	764.43	11,731.40	560.37	12,291.77	33,725.43
01-Aug-09	747,158.00	43,541.40	7,854.57	14,429.85	21,256.98	560.37	21,817.35	--
01-Feb-10	723,967.00	19,741.64	7,610.78	764.43	11,366.43	542.98	11,909.41	33,726.76
01-Aug-10	723,967.00	43,708.64	7,610.78	14,429.85	21,668.01	542.98	22,210.99	--
01-Feb-11	700,000.00	19,112.50	7,358.82	764.43	10,989.25	525.00	11,514.25	33,725.24
01-Aug-11	700,000.00	44,112.50	7,358.82	14,429.85	22,323.83	525.00	22,848.83	--
01-Feb-12	675,000.00	18,456.25	7,096.01	764.43	10,595.81	506.25	11,102.06	33,950.89
01-Aug-12	675,000.00	43,456.25	7,096.01	14,429.85	21,930.39	506.25	22,436.64	--
01-Feb-13	650,000.00	17,831.25	6,833.19	764.43	10,233.63	487.50	10,721.13	33,157.77
01-Aug-13	650,000.00	42,831.25	6,833.19	14,429.85	21,568.21	487.50	22,055.71	--
01-Feb-14	625,000.00	17,128.13	6,570.38	764.43	9,793.32	468.75	10,262.07	32,317.78
01-Aug-14	625,000.00	42,128.13	6,570.38	14,429.85	21,127.90	468.75	21,596.65	--
01-Feb-15	600,000.00	16,487.50	6,307.56	764.43	9,415.51	450.00	9,865.51	31,462.16
01-Aug-15	600,000.00	46,487.50	6,307.56	14,429.85	25,750.09	450.00	26,200.09	--
01-Feb-16	570,000.00	15,643.75	5,992.18	764.43	8,887.14	427.50	9,314.64	35,514.73
01-Aug-16	570,000.00	45,643.75	5,992.18	14,429.85	25,221.72	427.50	25,649.22	--
01-Feb-17	540,000.00	14,800.00	5,676.80	764.43	8,358.77	405.00	8,763.77	34,412.99
01-Aug-17	540,000.00	44,800.00	5,676.80	14,429.85	24,693.35	405.00	25,098.35	--
01-Feb-18	510,000.00	13,956.25	5,361.43	764.43	7,830.39	382.50	8,212.89	33,311.24
01-Aug-18	510,000.00	43,956.25	5,361.43	14,429.85	24,164.97	382.50	24,547.47	--
01-Feb-19	480,000.00	13,112.50	5,046.05	764.43	7,302.02	360.00	7,662.02	32,209.49
01-Aug-19	480,000.00	48,112.50	5,046.05	14,429.85	28,636.60	360.00	28,996.60	--
01-Feb-20	445,000.00	12,193.75	4,678.11	764.43	6,751.21	333.75	7,084.96	36,081.56
01-Aug-20	445,000.00	47,193.75	4,678.11	14,429.85	28,085.79	333.75	28,419.54	--
01-Feb-21	410,000.00	11,275.00	4,310.17	764.43	6,200.40	307.50	6,507.90	34,927.44
01-Aug-21	410,000.00	46,275.00	4,310.17	14,429.85	27,534.98	307.50	27,842.48	--
01-Feb-22	375,000.00	10,312.50	3,942.23	764.43	5,605.84	281.25	5,887.09	33,729.57
01-Aug-22	375,000.00	45,312.50	3,942.23	14,429.85	26,940.42	281.25	27,221.67	--
01-Feb-23	340,000.00	9,350.00	3,574.28	764.43	5,011.29	255.00	5,266.29	32,487.96
01-Aug-23	340,000.00	49,350.00	3,574.28	14,429.85	31,345.87	255.00	31,600.87	--
01-Feb-24	300,000.00	8,250.00	3,153.78	764.43	4,331.79	225.00	4,556.79	36,157.66
01-Aug-24	300,000.00	48,250.00	3,153.78	14,429.85	30,666.37	225.00	30,891.37	--
01-Feb-25	260,000.00	7,150.00	2,733.28	764.43	3,652.29	195.00	3,847.29	34,738.66
01-Aug-25	260,000.00	47,150.00	2,733.28	14,429.85	29,986.87	195.00	30,181.87	--
01-Feb-26	220,000.00	6,050.00	2,312.77	764.43	2,972.80	165.00	3,137.80	33,319.67
01-Aug-26	220,000.00	46,050.00	2,312.77	14,429.85	29,307.38	165.00	29,472.38	--
01-Feb-27	180,000.00	4,950.00	1,892.27	764.43	2,293.30	135.00	2,428.30	31,900.68
01-Aug-27	180,000.00	49,950.00	1,892.27	14,429.85	33,627.88	135.00	33,762.88	--
01-Feb-28	135,000.00	3,712.50	1,419.20	764.43	1,528.87	101.25	1,630.12	35,393.00
01-Aug-28	135,000.00	48,712.50	1,419.20	14,429.85	32,863.45	101.25	32,964.70	--
01-Feb-29	90,000.00	2,475.00	946.13	764.43	764.44	67.50	831.94	33,796.64
01-Aug-29	90,000.00	47,475.00	946.13	14,429.85	32,099.02	67.50	32,166.52	--
01-Feb-30	45,000.00	1,237.50	473.07	764.43	0.00	33.75	33.75	32,200.27
01-Aug-30	45,000.00	46,237.50	473.07	14,429.85	31,334.58	33.75	31,368.33	--
01-Feb-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31,368.33
01-Aug-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
		$1,786,343.85	$338,690.45	$455,828.40	$991,825.00	$24,163.21	$1,015,988.21	$1,015,988.21

Average Annual Net Debt Service:	$33,360.46

Max:	36,157.66
Min:	31,368.33
Span:	4,789.33

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 6
MWRA
98-13
Final Structuring Analysis

AMENDED SCHEDULE C

G.E. 50.00%

Schedule of Payments

Initial Principal Amount: 832,961.00

	Schedule of Payments			Subsidy Amounts			Net Payments		
Date	Principal	Interest	Total	Equity Earnings	Commonwealth Subsidies	Total	Principal	Interest	Total
01-Feb-05	0.00	20,392.09	20,392.09	8,756.59	0.00	8,756.59	0.00	11,635.50	11,635.50
01-Aug-05	20,496.00	21,750.88	42,246.88	8,756.59	14,069.57	22,826.16	19,420.73	0.00	19,420.73
01-Feb-06	0.00	21,617.79	21,617.79	8,541.12	568.19	9,109.31	0.00	12,508.49	12,508.49
01-Aug-06	21,080.00	21,625.12	42,705.12	8,541.12	14,278.83	22,819.95	19,885.17	0.00	19,885.17
01-Feb-07	0.00	21,566.41	21,566.41	8,319.51	764.43	9,083.94	0.00	12,482.46	12,482.46
01-Aug-07	21,762.00	20,205.22	41,967.22	8,319.51	14,073.06	22,392.58	19,574.64	0.00	19,574.64
01-Feb-08	0.00	21,476.52	21,476.52	8,090.74	764.43	8,855.17	0.00	12,621.35	12,621.35
01-Aug-08	22,465.00	19,746.87	42,211.87	8,090.74	14,378.75	22,469.49	19,742.38	0.00	19,742.38
01-Feb-09	0.00	21,413.35	21,413.35	7,854.57	764.43	8,619.00	0.00	12,794.35	12,794.35
01-Aug-09	23,191.00	17,898.33	41,089.33	7,854.57	14,298.89	22,153.46	18,935.87	0.00	18,935.87
01-Feb-10	0.00	21,931.79	21,931.79	7,610.78	764.43	8,375.21	0.00	13,556.58	13,556.58
01-Aug-10	23,967.00	17,074.30	41,041.30	7,610.78	14,352.34	21,963.12	19,078.19	0.00	19,078.19
01-Feb-11	0.00	21,624.82	21,624.82	7,358.82	764.43	8,123.25	0.00	13,501.57	13,501.57
01-Aug-11	25,000.00	16,797.43	41,797.43	7,358.82	14,285.44	21,644.26	20,153.16	0.00	20,153.16
01-Feb-12	0.00	20,482.51	20,482.51	7,096.01	764.43	7,860.44	0.00	12,622.08	12,622.08
01-Aug-12	25,000.00	15,614.52	40,614.52	7,096.01	13,670.30	20,766.30	19,848.22	0.00	19,848.22
01-Feb-13	0.00	19,153.87	19,153.87	6,833.19	764.43	7,597.62	0.00	11,556.25	11,556.25
01-Aug-13	25,000.00	15,921.98	40,921.98	6,833.19	14,065.00	20,898.19	20,023.80	0.00	20,023.80
01-Feb-14	0.00	18,307.69	18,307.69	6,570.38	764.43	7,334.81	0.00	10,972.89	10,972.89
01-Aug-14	25,000.00	15,889.38	40,889.38	6,570.38	14,156.48	20,726.86	20,162.52	0.00	20,162.52
01-Feb-15	0.00	17,179.52	17,179.52	6,307.56	764.43	7,071.99	0.00	10,107.53	10,107.53
01-Aug-15	30,000.00	15,066.74	45,066.74	6,307.56	14,047.52	20,355.08	24,711.66	0.00	24,711.66
01-Feb-16	0.00	16,299.84	16,299.84	5,992.18	764.43	6,756.61	0.00	9,543.23	9,543.23
01-Aug-16	30,000.00	14,634.01	44,634.01	5,992.18	14,083.66	20,075.84	24,558.17	0.00	24,558.17
01-Feb-17	0.00	15,117.36	15,117.36	5,676.80	764.43	6,441.23	0.00	8,676.13	8,676.13
01-Aug-17	30,000.00	14,152.91	44,152.91	5,676.80	14,106.30	19,783.11	24,369.80	0.00	24,369.80
01-Feb-18	0.00	13,947.49	13,947.49	5,361.43	760.05	6,121.47	0.00	7,826.01	7,826.01
01-Aug-18	30,000.00	13,706.25	43,706.25	5,361.43	14,304.85	19,666.28	24,039.97	0.00	24,039.97
01-Feb-19	0.00	12,707.92	12,707.92	5,046.05	562.14	5,608.19	0.00	7,099.73	7,099.73
01-Aug-19	35,000.00	13,112.50	48,112.50	5,046.05	14,429.85	19,475.90	28,636.60	0.00	28,636.60
01-Feb-20	0.00	11,676.14	11,676.14	4,678.11	505.62	5,183.73	0.00	6,492.41	6,492.41
01-Aug-20	35,000.00	12,193.75	47,193.75	4,678.11	14,429.85	19,107.96	28,085.79	0.00	28,085.79
01-Feb-21	0.00	10,835.14	10,835.14	4,310.17	764.43	5,074.60	0.00	5,760.54	5,760.54
01-Aug-21	35,000.00	9,576.68	44,576.68	4,310.17	14,429.85	18,740.02	25,836.66	0.00	25,836.66
01-Feb-22	0.00	9,921.81	9,921.81	3,942.23	764.43	4,706.66	0.00	5,215.15	5,215.15
01-Aug-22	35,000.00	10,312.50	45,312.50	3,942.23	14,429.85	18,372.08	26,940.43	0.00	26,940.43
01-Feb-23	0.00	8,957.94	8,957.94	3,574.28	764.43	4,338.71	0.00	4,619.22	4,619.22
01-Aug-23	40,000.00	9,350.00	49,350.00	3,574.28	14,429.85	18,004.13	31,345.87	0.00	31,345.87
01-Feb-24	0.00	7,873.90	7,873.90	3,153.78	764.43	3,918.21	0.00	3,955.69	3,955.69
01-Aug-24	40,000.00	0.00	40,000.00	3,153.78	20,089.39 *	23,243.17	16,756.83	0.00	16,756.83
01-Feb-25	0.00	7,150.00	7,150.00	2,733.28	764.43	3,497.71	0.00	3,652.29	3,652.29
01-Aug-25	40,000.00	7,150.00	47,150.00	2,733.28	14,429.85	17,163.13	29,986.87	0.00	29,986.87
01-Feb-26	0.00	6,050.00	6,050.00	2,312.77	764.43	3,077.20	0.00	2,972.80	2,972.80
01-Aug-26	40,000.00	6,050.00	46,050.00	2,312.77	14,429.85	16,742.62	29,307.38	0.00	29,307.38
01-Feb-27	0.00	4,950.00	4,950.00	1,892.27	764.43	2,656.70	0.00	2,293.30	2,293.30
01-Aug-27	45,000.00	4,950.00	49,950.00	1,892.27	14,429.85	16,322.12	33,627.88	0.00	33,627.88
01-Feb-28	0.00	3,712.50	3,712.50	1,419.20	764.43	2,183.63	0.00	1,528.87	1,528.87
01-Aug-28	45,000.00	3,712.50	48,712.50	1,419.20	14,429.85	15,849.05	32,863.45	0.00	32,863.45
01-Feb-29	0.00	2,475.00	2,475.00	946.13	764.43	1,710.56	0.00	764.44	764.44
01-Aug-29	45,000.00	2,475.00	47,475.00	946.13	14,429.85	15,375.98	32,099.02	0.00	32,099.02
01-Feb-30	0.00	1,237.50	1,237.50	473.07	764.43	1,237.50	0.00	0.00	0.00
01-Aug-30	45,000.00	1,237.50	46,237.50	473.07	14,429.85	14,902.92	31,334.58	0.00	31,334.58
	$832,961.00	$678,263.28	$1,511,224.28	$269,701.99	$395,437.77	$665,139.76	$641,325.63	$204,758.89	$846,084.51

*Includes a credit for debt service savings the Trust expects to receive on such Payment Date as a result of the refunding of a portion of the Bonds, which savings are allocable to the Issuer pursuant to Section 4(i) of the Bond Purchase Agreement.

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Series 6

MWRA
98-137

Final Structuring Analysis

Estimated Net Borrower Debt Service

Date	Principal Outstanding	Debt Service [Net of Accrued Interest]	LESS DSRF Earnings @ 5.256300%	LESS Contract Assistance	Estimated Net Debt Service	PLUS Administrative Fee Payable @ 0.075%	Estimated Total Payment	Estimated Total Payment [Fiscal Year ending] 30-Jun
08-Nov-00								
01-Feb-01	$1,313,843.00	$16,171.52	$6,368.82	$1,114.29	$8,688.41	$454.37	$9,142.78	$9,142.78
01-Aug-01	1,313,843.00	61,245.76	13,811.91	20,829.82	26,604.03	985.38	27,589.41	--
01-Feb-02	1,287,668.00	34,449.11	13,536.74	1,114.29	19,798.08	965.75	20,763.83	48,353.24
01-Aug-02	1,287,668.00	61,363.11	13,536.74	20,829.82	26,996.55	965.75	27,962.30	--
01-Feb-03	1,260,754.00	33,809.90	13,253.80	1,114.29	19,441.81	945.57	20,387.38	48,349.68
01-Aug-03	1,260,754.00	61,500.90	13,253.80	20,829.82	27,417.28	945.57	28,362.85	--
01-Feb-04	1,233,063.00	33,152.24	12,962.70	1,114.29	19,075.25	924.80	20,000.05	48,362.90
01-Aug-04	1,233,063.00	61,605.24	12,962.70	20,829.82	27,812.72	924.80	28,737.52	--
01-Feb-05	1,204,610.00	32,512.04	12,663.58	1,114.29	18,734.17	903.46	19,637.63	48,375.15
01-Aug-05	1,204,610.00	61,711.04	12,663.58	20,829.82	28,217.64	903.46	29,121.10	--
01-Feb-06	1,175,411.00	31,855.06	12,356.63	1,114.29	18,384.14	881.56	19,265.70	48,386.80
01-Aug-06	1,175,411.00	61,897.06	12,356.63	20,829.82	28,710.61	881.56	29,592.17	--
01-Feb-07	1,145,369.00	31,104.01	12,040.81	1,114.29	17,948.91	859.03	18,807.94	48,400.11
01-Aug-07	1,145,369.00	62,130.01	12,040.81	20,829.82	29,259.38	859.03	30,118.41	--
01-Feb-08	1,114,343.00	30,289.58	11,714.64	1,114.29	17,460.65	835.76	18,296.41	48,414.82
01-Aug-08	1,114,343.00	62,330.58	11,714.64	20,829.82	29,786.12	835.76	30,621.88	--
01-Feb-09	1,082,302.00	29,488.55	11,377.81	1,114.29	16,996.45	811.73	17,808.18	48,430.06
01-Aug-09	1,082,302.00	62,577.55	11,377.81	20,829.82	30,369.92	811.73	31,181.65	--
01-Feb-10	1,049,213.00	28,619.97	11,029.96	1,114.29	16,475.72	786.91	17,262.63	48,444.28
01-Aug-10	1,049,213.00	62,832.97	11,029.96	20,829.82	30,973.19	786.91	31,760.10	--
01-Feb-11	1,015,000.00	27,721.88	10,670.29	1,114.29	15,937.30	761.25	16,698.55	48,458.65
01-Aug-11	1,015,000.00	62,721.88	10,670.29	20,829.82	31,221.77	761.25	31,983.02	--
01-Feb-12	980,000.00	26,803.13	10,302.35	1,114.29	15,386.49	735.00	16,121.49	48,104.51
01-Aug-12	980,000.00	61,803.13	10,302.35	20,829.82	30,670.96	735.00	31,405.96	--
01-Feb-13	945,000.00	25,928.13	9,934.41	1,114.29	14,879.43	708.75	15,588.18	46,994.14
01-Aug-13	945,000.00	65,928.13	9,934.41	20,829.82	35,163.90	708.75	35,872.65	--
01-Feb-14	905,000.00	24,803.13	9,513.90	1,114.29	14,174.94	678.75	14,853.69	50,726.34
01-Aug-14	905,000.00	64,803.13	9,513.90	20,829.82	34,459.41	678.75	35,138.16	--
01-Feb-15	865,000.00	23,778.13	9,093.40	1,114.29	13,570.44	648.75	14,219.19	49,357.35
01-Aug-15	865,000.00	63,778.13	9,093.40	20,829.82	33,854.91	648.75	34,503.66	--
01-Feb-16	825,000.00	22,653.13	8,672.90	1,114.29	12,865.94	618.75	13,484.69	47,988.35
01-Aug-16	825,000.00	67,653.13	8,672.90	20,829.82	38,150.41	618.75	38,769.16	--
01-Feb-17	780,000.00	21,387.50	8,199.83	1,114.29	12,073.38	585.00	12,658.38	51,427.54
01-Aug-17	780,000.00	66,387.50	8,199.83	20,829.82	37,357.85	585.00	37,942.85	--
01-Feb-18	735,000.00	20,121.88	7,726.76	1,114.29	11,280.83	551.25	11,832.08	49,774.93
01-Aug-18	735,000.00	65,121.88	7,726.76	20,829.82	36,565.30	551.25	37,116.55	--
01-Feb-19	690,000.00	18,856.25	7,253.69	1,114.29	10,488.27	517.50	11,005.77	48,122.32
01-Aug-19	690,000.00	63,856.25	7,253.69	20,829.82	35,772.74	517.50	36,290.24	--
01-Feb-20	645,000.00	17,675.00	6,780.63	1,114.29	9,780.08	483.75	10,263.83	46,554.07
01-Aug-20	645,000.00	67,675.00	6,780.63	20,829.82	40,064.55	483.75	40,548.30	--
01-Feb-21	595,000.00	16,362.50	6,255.00	1,114.29	8,993.21	446.25	9,439.46	49,987.76
01-Aug-21	595,000.00	66,362.50	6,255.00	20,829.82	39,277.68	446.25	39,723.93	--
01-Feb-22	545,000.00	14,987.50	5,729.37	1,114.29	8,143.84	408.75	8,552.59	48,276.52
01-Aug-22	545,000.00	64,987.50	5,729.37	20,829.82	38,428.31	408.75	38,837.06	--
01-Feb-23	495,000.00	13,612.50	5,203.74	1,114.29	7,294.47	371.25	7,665.72	46,502.78
01-Aug-23	495,000.00	68,612.50	5,203.74	20,829.82	42,578.94	371.25	42,950.19	--
01-Feb-24	440,000.00	12,100.00	4,625.54	1,114.29	6,360.17	330.00	6,690.17	49,640.36
01-Aug-24	440,000.00	67,100.00	4,625.54	20,829.82	41,644.64	330.00	41,974.64	--
01-Feb-25	385,000.00	10,587.50	4,047.35	1,114.29	5,425.86	288.75	5,714.61	47,689.25
01-Aug-25	385,000.00	70,587.50	4,047.35	20,829.82	45,710.33	288.75	45,999.08	--
01-Feb-26	325,000.00	8,937.50	3,416.60	1,114.29	4,406.61	243.75	4,650.36	50,649.44
01-Aug-26	325,000.00	68,937.50	3,416.60	20,829.82	44,691.08	243.75	44,934.83	--
01-Feb-27	265,000.00	7,287.50	2,785.84	1,114.29	3,387.37	198.75	3,586.12	48,520.95
01-Aug-27	265,000.00	72,287.50	2,785.84	20,829.82	48,671.84	198.75	48,870.59	--
01-Feb-28	200,000.00	5,500.00	2,102.52	1,114.29	2,283.19	150.00	2,433.19	51,303.78
01-Aug-28	200,000.00	70,500.00	2,102.52	20,829.82	47,567.66	150.00	47,717.66	--
01-Feb-29	135,000.00	3,712.50	1,419.20	1,114.29	1,179.01	101.25	1,280.26	48,997.92
01-Aug-29	135,000.00	68,712.50	1,419.20	20,829.82	46,463.48	101.25	46,564.73	--
01-Feb-30	70,000.00	1,925.00	735.88	1,114.29	74.83	52.50	127.33	46,692.06
01-Aug-30	70,000.00	71,925.00	735.88	20,829.82	50,359.30	52.50	50,411.80	--
01-Feb-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50,411.80
01-Aug-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
		$2,585,127.52	$490,992.47	$658,323.30	$1,435,811.75	$35,028.89	$1,470,840.64	$1,470,840.64

Average Annual Net Debt Service:	$48,294.14

Max:	51,427.54
Min:	46,502.78
Span:	4,924.76

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 6
MWRA
98-137
Final Structuring Analysis

AMENDED SCHEDULE C

G.E. 50.00%

Schedule of Payments

Initial Principal Amount: 1,204,610.00

	Schedule of Payments			Subsidy Amounts			Net Payments		
Date	Principal	Interest	Total	Equity Earnings	Commonwealth Subsidies	Total	Principal	Interest	Total
01-Feb-05	0.00	29,516.11	29,516.11	12,663.58	0.00	12,663.58	0.00	16,852.53	16,852.53
01-Aug-05	29,199.00	31,480.93	60,679.93	12,663.58	20,314.26	32,977.85	27,702.08	0.00	27,702.08
01-Feb-06	0.00	31,293.42	31,293.42	12,356.63	833.47	13,190.09	0.00	18,103.32	18,103.32
01-Aug-06	30,042.00	31,303.90	61,345.90	12,356.63	20,613.71	32,970.34	28,375.56	0.00	28,375.56
01-Feb-07	0.00	31,222.96	31,222.96	12,040.81	1,114.29	13,155.10	0.00	18,067.87	18,067.87
01-Aug-07	31,026.00	29,275.12	60,301.12	12,040.81	20,319.26	32,360.07	27,941.05	0.00	27,941.05
01-Feb-08	0.00	31,097.36	31,097.36	11,714.64	1,114.29	12,828.93	0.00	18,268.43	18,268.43
01-Aug-08	32,041.00	28,622.25	60,663.25	11,714.64	20,756.69	32,471.34	28,191.91	0.00	28,191.91
01-Feb-09	0.00	31,009.63	31,009.63	11,377.81	1,114.29	12,492.10	0.00	18,517.53	18,517.53
01-Aug-09	33,089.00	25,979.66	59,068.66	11,377.81	20,642.41	32,020.22	27,048.44	0.00	27,048.44
01-Feb-10	0.00	31,754.05	31,754.05	11,029.96	1,114.29	12,144.25	0.00	19,609.80	19,609.80
01-Aug-10	34,213.00	24,803.04	59,016.04	11,029.96	20,718.91	31,748.86	27,267.17	0.00	27,267.17
01-Feb-11	0.00	31,316.99	31,316.99	10,670.29	1,114.29	11,784.58	0.00	19,532.41	19,532.41
01-Aug-11	35,000.00	24,444.47	59,444.47	10,670.29	20,625.39	31,295.68	28,148.80	0.00	28,148.80
01-Feb-12	0.00	29,671.67	29,671.67	10,302.35	1,114.29	11,416.64	0.00	18,255.04	18,255.04
01-Aug-12	35,000.00	22,777.90	57,777.90	10,302.35	19,753.94	30,056.28	27,721.62	0.00	27,721.62
01-Feb-13	0.00	27,801.59	27,801.59	9,934.41	1,114.29	11,048.70	0.00	16,752.89	16,752.89
01-Aug-13	40,000.00	23,012.82	63,012.82	9,934.41	20,272.72	30,207.12	32,805.70	0.00	32,805.70
01-Feb-14	0.00	26,604.23	26,604.23	9,513.90	1,114.29	10,628.19	0.00	15,976.04	15,976.04
01-Aug-14	40,000.00	22,940.92	62,940.92	9,513.90	20,418.87	29,932.77	33,008.15	0.00	33,008.15
01-Feb-15	0.00	24,818.44	24,818.44	9,093.40	1,114.29	10,207.69	0.00	14,610.75	14,610.75
01-Aug-15	40,000.00	21,842.07	61,842.07	9,093.40	20,308.82	29,402.22	32,439.86	0.00	32,439.86
01-Feb-16	0.00	23,547.18	23,547.18	8,672.90	1,114.29	9,787.19	0.00	13,760.00	13,760.00
01-Aug-16	45,000.00	21,166.50	66,166.50	8,672.90	20,320.13	28,993.02	37,173.47	0.00	37,173.47
01-Feb-17	0.00	21,854.75	21,854.75	8,199.83	1,114.29	9,314.12	0.00	12,540.63	12,540.63
01-Aug-17	45,000.00	20,427.56	65,427.56	8,199.83	20,349.85	28,549.68	36,877.88	0.00	36,877.88
01-Feb-18	0.00	20,109.60	20,109.60	7,726.76	1,108.15	8,834.91	0.00	11,274.69	11,274.69
01-Aug-18	45,000.00	19,751.03	64,751.03	7,726.76	20,644.40	28,371.16	36,379.88	0.00	36,379.88
01-Feb-19	0.00	18,296.13	18,296.13	7,253.69	834.23	8,087.92	0.00	10,208.21	10,208.21
01-Aug-19	45,000.00	18,856.25	63,856.25	7,253.69	20,829.82	28,083.51	35,772.74	0.00	35,772.74
01-Feb-20	0.00	16,947.38	16,947.38	6,780.63	750.48	7,531.11	0.00	9,416.27	9,416.27
01-Aug-20	50,000.00	17,675.00	67,675.00	6,780.63	20,829.82	27,610.45	40,064.55	0.00	40,064.55
01-Feb-21	0.00	15,746.93	15,746.93	6,255.00	1,114.29	7,369.29	0.00	8,377.65	8,377.65
01-Aug-21	50,000.00	13,941.69	63,941.69	6,255.00	20,829.82	27,084.82	36,856.87	0.00	36,856.87
01-Feb-22	0.00	14,444.07	14,444.07	5,729.37	1,114.29	6,843.66	0.00	7,600.41	7,600.41
01-Aug-22	50,000.00	14,987.50	64,987.50	5,729.37	20,829.82	26,559.19	38,428.31	0.00	38,428.31
01-Feb-23	0.00	13,073.41	13,073.41	5,203.74	1,114.29	6,318.03	0.00	6,755.39	6,755.39
01-Aug-23	55,000.00	13,612.50	68,612.50	5,203.74	20,829.82	26,033.56	42,578.94	0.00	42,578.94
01-Feb-24	0.00	11,582.87	11,582.87	4,625.54	1,114.29	5,739.83	0.00	5,843.03	5,843.03
01-Aug-24	55,000.00	0.00	55,000.00	4,625.54	27,855.44 *	32,480.98	22,519.02	0.00	22,519.02
01-Feb-25	0.00	10,587.50	10,587.50	4,047.35	1,114.29	5,161.64	0.00	5,425.86	5,425.86
01-Aug-25	60,000.00	10,587.50	70,587.50	4,047.35	20,829.82	24,877.17	45,710.33	0.00	45,710.33
01-Feb-26	0.00	8,937.50	8,937.50	3,416.60	1,114.29	4,530.89	0.00	4,406.62	4,406.62
01-Aug-26	60,000.00	8,937.50	68,937.50	3,416.60	20,829.82	24,246.42	44,691.09	0.00	44,691.09
01-Feb-27	0.00	7,287.50	7,287.50	2,785.84	1,114.29	3,900.13	0.00	3,387.37	3,387.37
01-Aug-27	65,000.00	7,287.50	72,287.50	2,785.84	20,829.82	23,615.66	48,671.84	0.00	48,671.84
01-Feb-28	0.00	5,500.00	5,500.00	2,102.52	1,114.29	3,216.81	0.00	2,283.19	2,283.19
01-Aug-28	65,000.00	5,500.00	70,500.00	2,102.52	20,829.82	22,932.34	47,567.66	0.00	47,567.66
01-Feb-29	0.00	3,712.50	3,712.50	1,419.20	1,114.29	2,533.49	0.00	1,179.01	1,179.01
01-Aug-29	65,000.00	3,712.50	68,712.50	1,419.20	20,829.82	22,249.02	46,463.48	0.00	46,463.48
01-Feb-30	0.00	1,925.00	1,925.00	735.88	1,114.29	1,850.17	0.00	74.83	74.83
01-Aug-30	70,000.00	1,925.00	71,925.00	735.88	20,829.82	21,565.70	50,359.30	0.00	50,359.30
	$1,204,610.00	$984,509.89	$2,189,119.89	$391,305.21	$569,969.24	$961,274.45	$930,765.68	$297,079.76	$1,227,845.44

*Includes a credit for debt service savings the Trust expects to receive on such Payment Date as a result of the refunding of a portion of the Bonds, which savings are allocable to the Issuer pursuant to Section 4(i) of the Bond Purchase Agreement.

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Series 6

MWRA
98-63

Final Structuring Analysis

Estimated Net Borrower Debt Service

Date	Principal Outstanding	Debt Service [Net of Accrued Interest]	LESS DSRF Earnings @ 5.256300%	LESS Contract Assistance	Estimated Net Debt Service	PLUS Administrative Fee Payable @ 0.075%	Estimated Total Payment	Estimated Total Payment [Fiscal Year ending] 30-Jun
08-Nov-00								
01-Feb-01	$2,182,964.00	$26,863.20	$10,581.87	$1,835.29	$14,446.04	$754.94	$15,200.98	$15,200.98
01-Aug-01	2,182,964.00	101,934.55	22,948.63	34,625.51	44,360.41	1,637.22	45,997.63	--
01-Feb-02	2,139,287.00	57,220.22	22,489.47	1,835.29	32,895.46	1,604.47	34,499.93	80,497.56
01-Aug-02	2,139,287.00	102,116.22	22,489.47	34,625.51	45,001.24	1,604.47	46,605.71	--
01-Feb-03	2,094,391.00	56,153.94	22,017.49	1,835.29	32,301.16	1,570.79	33,871.95	80,477.66
01-Aug-03	2,094,391.00	102,330.94	22,017.49	34,625.51	45,687.94	1,570.79	47,258.73	--
01-Feb-04	2,048,214.00	55,057.23	21,532.05	1,835.29	31,689.89	1,536.16	33,226.05	80,484.78
01-Aug-04	2,048,214.00	102,492.23	21,532.05	34,625.51	46,334.67	1,536.16	47,870.83	--
01-Feb-05	2,000,779.00	53,989.94	21,033.39	1,835.29	31,121.26	1,500.58	32,621.84	80,492.67
01-Aug-05	2,000,779.00	102,655.94	21,033.39	34,625.51	46,997.04	1,500.58	48,497.62	--
01-Feb-06	1,952,113.00	52,894.96	20,521.78	1,835.29	30,537.89	1,464.08	32,001.97	80,499.59
01-Aug-06	1,952,113.00	102,951.96	20,521.78	34,625.51	47,804.67	1,464.08	49,268.75	--
01-Feb-07	1,902,056.00	51,643.53	19,995.55	1,835.29	29,812.69	1,426.54	31,239.23	80,507.98
01-Aug-07	1,902,056.00	103,323.53	19,995.55	34,625.51	48,702.47	1,426.54	50,129.01	--
01-Feb-08	1,850,376.00	50,286.93	19,452.26	1,835.29	28,999.38	1,387.78	30,387.16	80,516.17
01-Aug-08	1,850,376.00	103,640.93	19,452.26	34,625.51	49,563.16	1,387.78	50,950.94	--
01-Feb-09	1,797,022.00	48,953.08	18,891.37	1,835.29	28,226.42	1,347.77	29,574.19	80,525.13
01-Aug-09	1,797,022.00	104,037.08	18,891.37	34,625.51	50,520.20	1,347.77	51,867.97	--
01-Feb-10	1,741,938.00	47,507.13	18,312.30	1,835.29	27,359.54	1,306.45	28,665.99	80,533.96
01-Aug-10	1,741,938.00	104,445.13	18,312.30	34,625.51	51,507.32	1,306.45	52,813.77	--
01-Feb-11	1,685,000.00	46,012.50	17,713.73	1,835.29	26,463.48	1,263.75	27,727.23	80,541.00
01-Aug-11	1,685,000.00	106,012.50	17,713.73	34,625.51	53,673.26	1,263.75	54,937.01	--
01-Feb-12	1,625,000.00	44,437.50	17,082.98	1,835.29	25,519.23	1,218.75	26,737.98	81,674.99
01-Aug-12	1,625,000.00	104,437.50	17,082.98	34,625.51	52,729.01	1,218.75	53,947.76	--
01-Feb-13	1,565,000.00	42,937.50	16,452.22	1,835.29	24,649.99	1,173.75	25,823.74	79,771.50
01-Aug-13	1,565,000.00	107,937.50	16,452.22	34,625.51	56,859.77	1,173.75	58,033.52	--
01-Feb-14	1,500,000.00	41,109.38	15,768.90	1,835.29	23,505.19	1,125.00	24,630.19	82,663.71
01-Aug-14	1,500,000.00	106,109.38	15,768.90	34,625.51	55,714.97	1,125.00	56,839.97	--
01-Feb-15	1,435,000.00	39,443.75	15,085.58	1,835.29	22,522.88	1,076.25	23,599.13	80,439.10
01-Aug-15	1,435,000.00	109,443.75	15,085.58	34,625.51	59,732.66	1,076.25	60,808.91	--
01-Feb-16	1,365,000.00	37,475.00	14,349.70	1,835.29	21,290.01	1,023.75	22,313.76	83,122.67
01-Aug-16	1,365,000.00	107,475.00	14,349.70	34,625.51	58,499.79	1,023.75	59,523.54	--
01-Feb-17	1,295,000.00	35,506.25	13,613.82	1,835.29	20,057.14	971.25	21,028.39	80,551.93
01-Aug-17	1,295,000.00	110,506.25	13,613.82	34,625.51	62,266.92	971.25	63,238.17	--
01-Feb-18	1,220,000.00	33,396.88	12,825.37	1,835.29	18,736.22	915.00	19,651.22	82,889.39
01-Aug-18	1,220,000.00	108,396.88	12,825.37	34,625.51	60,946.00	915.00	61,861.00	--
01-Feb-19	1,145,000.00	31,287.50	12,036.93	1,835.29	17,415.28	858.75	18,274.03	80,135.03
01-Aug-19	1,145,000.00	111,287.50	12,036.93	34,625.51	64,625.06	858.75	65,483.81	--
01-Feb-20	1,065,000.00	29,187.50	11,195.92	1,835.29	16,156.29	798.75	16,955.04	82,438.85
01-Aug-20	1,065,000.00	109,187.50	11,195.92	34,625.51	63,366.07	798.75	64,164.82	--
01-Feb-21	985,000.00	27,087.50	10,354.91	1,835.29	14,897.30	738.75	15,636.05	79,800.87
01-Aug-21	985,000.00	112,087.50	10,354.91	34,625.51	67,107.08	738.75	67,845.83	--
01-Feb-22	900,000.00	24,750.00	9,461.34	1,835.29	13,453.37	675.00	14,128.37	81,974.20
01-Aug-22	900,000.00	109,750.00	9,461.34	34,625.51	65,663.15	675.00	66,338.15	--
01-Feb-23	815,000.00	22,412.50	8,567.77	1,835.29	12,009.44	611.25	12,620.69	78,958.84
01-Aug-23	815,000.00	112,412.50	8,567.77	34,625.51	69,219.22	611.25	69,830.47	--
01-Feb-24	725,000.00	19,937.50	7,621.64	1,835.29	10,480.57	543.75	11,024.32	80,854.79
01-Aug-24	725,000.00	114,937.50	7,621.64	34,625.51	72,690.35	543.75	73,234.10	--
01-Feb-25	630,000.00	17,325.00	6,622.94	1,835.29	8,866.77	472.50	9,339.27	82,573.37
01-Aug-25	630,000.00	112,325.00	6,622.94	34,625.51	71,076.55	472.50	71,549.05	--
01-Feb-26	535,000.00	14,712.50	5,624.24	1,835.29	7,252.97	401.25	7,654.22	79,203.27
01-Aug-26	535,000.00	114,712.50	5,624.24	34,625.51	74,462.75	401.25	74,864.00	--
01-Feb-27	435,000.00	11,962.50	4,572.98	1,835.29	5,554.23	326.25	5,880.48	80,744.48
01-Aug-27	435,000.00	116,962.50	4,572.98	34,625.51	77,764.01	326.25	78,090.26	--
01-Feb-28	330,000.00	9,075.00	3,469.16	1,835.29	3,770.55	247.50	4,018.05	82,108.31
01-Aug-28	330,000.00	114,075.00	3,469.16	34,625.51	75,980.33	247.50	76,227.83	--
01-Feb-29	225,000.00	6,187.50	2,365.34	1,835.29	1,986.87	168.75	2,155.62	78,383.45
01-Aug-29	225,000.00	116,187.50	2,365.34	34,625.51	79,196.65	168.75	79,365.40	--
01-Feb-30	115,000.00	3,162.50	1,208.95	1,835.29	118.26	86.25	204.51	79,569.91
01-Aug-30	115,000.00	118,162.50	1,208.95	34,625.51	82,328.04	86.25	82,414.29	--
01-Feb-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	82,414.29
01-Aug-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
		$4,290,311.19	$814,010.66	$1,093,824.00	$2,382,476.53	$58,073.90	$2,440,550.43	$2,440,550.43

Average Annual Net Debt Service:	$80,135.62

Max:	83,122.67
Min:	78,383.45
Span:	4,739.22

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 6
MWRA
98-63
Final Structuring Analysis

AMENDED SCHEDULE C

G.E. 50.00%

Schedule of Payments

Initial Principal Amount: 2,000,779.00

	Schedule of Payments			Subsidy Amounts			Net Payments		
Date	Principal	Interest	Total	Equity Earnings	Commonwealth Subsidies	Total	Principal	Interest	Total
01-Feb-05	0.00	49,004.69	49,004.69	21,033.39	0.00	21,033.39	0.00	27,971.30	27,971.30
01-Aug-05	48,666.00	52,263.81	100,929.81	21,033.39	33,762.44	54,795.83	46,133.97	0.00	46,133.97
01-Feb-06	0.00	51,954.74	51,954.74	20,521.78	1,365.18	21,886.96	0.00	30,067.78	30,067.78
01-Aug-06	50,057.00	51,972.28	102,029.28	20,521.78	34,263.74	54,785.52	47,243.76	0.00	47,243.76
01-Feb-07	0.00	51,842.66	51,842.66	19,995.55	1,835.29	21,830.84	0.00	30,011.82	30,011.82
01-Aug-07	51,680.00	48,581.87	100,261.87	19,995.55	33,770.81	53,766.36	46,495.50	0.00	46,495.50
01-Feb-08	0.00	51,639.19	51,639.19	19,452.26	1,835.29	21,287.55	0.00	30,351.64	30,351.64
01-Aug-08	53,354.00	47,495.73	100,849.73	19,452.26	34,503.09	53,955.35	46,894.37	0.00	46,894.37
01-Feb-09	0.00	51,499.45	51,499.45	18,891.37	1,835.29	20,726.66	0.00	30,772.78	30,772.78
01-Aug-09	55,084.00	43,079.01	98,163.01	18,891.37	34,311.78	53,203.16	44,959.85	0.00	44,959.85
01-Feb-10	0.00	52,753.75	52,753.75	18,312.30	1,835.29	20,147.59	0.00	32,606.16	32,606.16
01-Aug-10	56,938.00	41,117.38	98,055.38	18,312.30	34,439.84	52,752.14	45,303.25	0.00	45,303.25
01-Feb-11	0.00	52,030.90	52,030.90	17,713.73	1,835.29	19,549.02	0.00	32,481.88	32,481.88
01-Aug-11	60,000.00	40,461.53	100,461.53	17,713.73	34,279.26	51,992.99	48,468.54	0.00	48,468.54
01-Feb-12	0.00	49,295.97	49,295.97	17,082.98	1,835.29	18,918.27	0.00	30,377.71	30,377.71
01-Aug-12	60,000.00	37,624.07	97,624.07	17,082.98	32,804.38	49,887.35	47,736.71	0.00	47,736.71
01-Feb-13	0.00	46,108.67	46,108.67	16,452.22	1,835.29	18,287.51	0.00	27,821.16	27,821.16
01-Aug-13	65,000.00	38,146.12	103,146.12	16,452.22	33,709.90	50,162.12	52,984.01	0.00	52,984.01
01-Feb-14	0.00	44,069.53	44,069.53	15,768.90	1,835.29	17,604.19	0.00	26,465.34	26,465.34
01-Aug-14	65,000.00	38,036.93	103,036.93	15,768.90	33,947.49	49,716.39	53,320.54	0.00	53,320.54
01-Feb-15	0.00	41,160.16	41,160.16	15,085.58	1,835.29	16,920.87	0.00	24,239.29	24,239.29
01-Aug-15	70,000.00	36,110.22	106,110.22	15,085.58	33,728.44	48,814.02	57,296.19	0.00	57,296.19
01-Feb-16	0.00	39,014.40	39,014.40	14,349.70	1,835.29	16,184.99	0.00	22,829.41	22,829.41
01-Aug-16	70,000.00	35,104.96	105,104.96	14,349.70	33,812.94	48,162.64	56,942.32	0.00	56,942.32
01-Feb-17	0.00	36,251.16	36,251.16	13,613.82	1,835.29	15,449.11	0.00	20,802.05	20,802.05
01-Aug-17	75,000.00	33,903.57	108,903.57	13,613.82	33,824.17	47,437.99	61,465.58	0.00	61,465.58
01-Feb-18	0.00	33,376.19	33,376.19	12,825.37	1,824.95	14,650.32	0.00	18,725.88	18,725.88
01-Aug-18	75,000.00	32,777.72	107,777.72	12,825.37	34,315.93	47,141.30	60,636.42	0.00	60,636.42
01-Feb-19	0.00	30,341.83	30,341.83	12,036.93	1,362.46	13,399.38	0.00	16,942.45	16,942.45
01-Aug-19	80,000.00	31,287.50	111,287.50	12,036.93	34,625.51	46,662.44	64,625.06	0.00	64,625.06
01-Feb-20	0.00	27,971.86	27,971.86	11,195.92	1,227.47	12,423.39	0.00	15,548.47	15,548.47
01-Aug-20	80,000.00	29,187.50	109,187.50	11,195.92	34,625.51	45,821.43	63,366.07	0.00	63,366.07
01-Feb-21	0.00	26,046.87	26,046.87	10,354.91	1,835.29	12,190.20	0.00	13,856.66	13,856.66
01-Aug-21	85,000.00	22,974.56	107,974.56	10,354.91	34,625.51	44,980.42	62,994.14	0.00	62,994.14
01-Feb-22	0.00	23,832.85	23,832.85	9,461.34	1,835.29	11,296.63	0.00	12,536.22	12,536.22
01-Aug-22	85,000.00	24,750.00	109,750.00	9,461.34	34,625.51	44,086.85	65,663.15	0.00	65,663.15
01-Feb-23	0.00	21,505.61	21,505.61	8,567.77	1,835.29	10,403.06	0.00	11,102.55	11,102.55
01-Aug-23	90,000.00	22,412.50	112,412.50	8,567.77	34,625.51	43,193.28	69,219.22	0.00	69,219.22
01-Feb-24	0.00	19,044.27	19,044.27	7,621.64	1,835.29	9,456.93	0.00	9,587.34	9,587.34
01-Aug-24	95,000.00	0.00	95,000.00	7,621.64	47,723.16 *	55,344.80	39,655.20	0.00	39,655.20
01-Feb-25	0.00	17,325.00	17,325.00	6,622.94	1,835.29	8,458.23	0.00	8,866.77	8,866.77
01-Aug-25	95,000.00	17,325.00	112,325.00	6,622.94	34,625.51	41,248.45	71,076.55	0.00	71,076.55
01-Feb-26	0.00	14,712.50	14,712.50	5,624.24	1,835.29	7,459.53	0.00	7,252.97	7,252.97
01-Aug-26	100,000.00	14,712.50	114,712.50	5,624.24	34,625.51	40,249.75	74,462.75	0.00	74,462.75
01-Feb-27	0.00	11,962.50	11,962.50	4,572.98	1,835.29	6,408.27	0.00	5,554.23	5,554.23
01-Aug-27	105,000.00	11,962.50	116,962.50	4,572.98	34,625.51	39,198.49	77,764.01	0.00	77,764.01
01-Feb-28	0.00	9,075.00	9,075.00	3,469.16	1,835.29	5,304.45	0.00	3,770.55	3,770.55
01-Aug-28	105,000.00	9,075.00	114,075.00	3,469.16	34,625.51	38,094.67	75,980.33	0.00	75,980.33
01-Feb-29	0.00	6,187.50	6,187.50	2,365.34	1,835.29	4,200.63	0.00	1,986.88	1,986.88
01-Aug-29	110,000.00	6,187.50	116,187.50	2,365.34	34,625.51	36,990.85	79,196.66	0.00	79,196.66
01-Feb-30	0.00	3,162.50	3,162.50	1,208.95	1,835.29	3,044.24	0.00	118.26	118.26
01-Aug-30	115,000.00	3,162.50	118,162.50	1,208.95	34,625.51	35,834.46	82,328.04	0.00	82,328.04
	$2,000,779.00	$1,630,882.00	$3,631,661.00	$648,402.11	$948,399.14	$1,596,801.25	$1,542,212.20	$492,647.55	$2,034,859.75

*Includes a credit for debt service savings the Trust expects to receive on such Payment Date as a result of the refunding of a portion of the Bonds, which savings are allocable to the Issuer pursuant to Section 4(i) of the Bond Purchase Agreement.

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Series 6

MWRA
98-73

Final Structuring Analysis

Estimated Net Borrower Debt Service

Date	Principal Outstanding	Debt Service [Net of Accrued Interest]	LESS DSRF Earnings @ 5.256300%	LESS Contract Assistance	Estimated Net Debt Service	PLUS Administrative Fee Payable @ 0.075%	Estimated Total Payment	Estimated Total Payment [Fiscal Year ending] 30-Jun
08-Nov-00								
01-Feb-01	$5,356,847.00	$65,909.85	$25,967.19	$4,457.14	$35,485.52	$1,852.58	$37,338.10	$37,338.10
01-Aug-01	5,356,847.00	250,569.02	56,314.39	174,608.16	19,646.47	4,017.64	23,664.11	--
01-Feb-02	5,249,215.00	140,380.76	55,182.90	4,457.14	80,740.72	3,936.91	84,677.63	108,341.74
01-Aug-02	5,249,215.00	251,010.76	55,182.90	174,608.16	21,219.70	3,936.91	25,156.61	--
01-Feb-03	5,138,585.00	137,753.29	54,019.89	4,457.14	79,276.26	3,853.94	83,130.20	108,286.81
01-Aug-03	5,138,585.00	251,535.29	54,019.89	174,608.16	22,907.24	3,853.94	26,761.18	--
01-Feb-04	5,024,803.00	135,050.97	52,823.74	4,457.14	77,770.09	3,768.60	81,538.69	108,299.87
01-Aug-04	5,024,803.00	251,925.97	52,823.74	174,608.16	24,494.07	3,768.60	28,262.67	--
01-Feb-05	4,907,928.00	132,421.28	51,595.08	4,457.14	76,369.06	3,680.95	80,050.01	108,312.68
01-Aug-05	4,907,928.00	252,325.28	51,595.08	174,608.16	26,122.04	3,680.95	29,802.99	--
01-Feb-06	4,788,024.00	129,723.44	50,334.58	4,457.14	74,931.72	3,591.02	78,522.74	108,325.73
01-Aug-06	4,788,024.00	253,047.44	50,334.58	174,608.16	28,104.70	3,591.02	31,695.72	--
01-Feb-07	4,664,700.00	126,640.34	49,038.13	4,457.14	73,145.07	3,498.53	76,643.60	108,339.32
01-Aug-07	4,664,700.00	253,958.34	49,038.13	174,608.16	30,312.05	3,498.53	33,810.58	--
01-Feb-08	4,537,382.00	123,298.24	47,699.68	4,457.14	71,141.42	3,403.04	74,544.46	108,355.04
01-Aug-08	4,537,382.00	254,733.24	47,699.68	174,608.16	32,425.40	3,403.04	35,828.44	--
01-Feb-09	4,405,947.00	120,012.36	46,317.96	4,457.14	69,237.26	3,304.46	72,541.72	108,370.16
01-Aug-09	4,405,947.00	255,702.36	46,317.96	174,608.16	34,776.24	3,304.46	38,080.70	--
01-Feb-10	4,270,257.00	116,450.50	44,891.50	4,457.14	67,101.86	3,202.69	70,304.55	108,385.25
01-Aug-10	4,270,257.00	256,707.50	44,891.50	174,608.16	37,207.84	3,202.69	40,410.53	--
01-Feb-11	4,130,000.00	112,768.75	43,417.04	4,457.14	64,894.57	3,097.50	67,992.07	108,402.60
01-Aug-11	4,130,000.00	257,768.75	43,417.04	174,608.16	39,743.55	3,097.50	42,841.05	--
01-Feb-12	3,985,000.00	108,962.50	41,892.71	4,457.14	62,612.65	2,988.75	65,601.40	108,442.45
01-Aug-12	3,985,000.00	258,962.50	41,892.71	174,608.16	42,461.63	2,988.75	45,450.38	--
01-Feb-13	3,835,000.00	105,212.50	40,315.82	4,457.14	60,439.54	2,876.25	63,315.79	108,766.17
01-Aug-13	3,835,000.00	260,212.50	40,315.82	174,608.16	45,288.52	2,876.25	48,164.77	--
01-Feb-14	3,680,000.00	100,853.13	38,686.37	4,457.14	57,709.62	2,760.00	60,469.62	108,634.39
01-Aug-14	3,680,000.00	260,853.13	38,686.37	174,608.16	47,558.60	2,760.00	50,318.60	--
01-Feb-15	3,520,000.00	96,753.13	37,004.35	4,457.14	55,291.64	2,640.00	57,931.64	108,250.24
01-Aug-15	3,520,000.00	261,753.13	37,004.35	174,608.16	50,140.62	2,640.00	52,780.62	--
01-Feb-16	3,355,000.00	92,112.50	35,269.77	4,457.14	52,385.59	2,516.25	54,901.84	107,682.46
01-Aug-16	3,355,000.00	267,112.50	35,269.77	174,608.16	57,234.57	2,516.25	59,750.82	--
01-Feb-17	3,180,000.00	87,190.63	33,430.07	4,457.14	49,303.42	2,385.00	51,688.42	111,439.24
01-Aug-17	3,180,000.00	267,190.63	33,430.07	174,608.16	59,152.40	2,385.00	61,537.40	--
01-Feb-18	3,000,000.00	82,128.13	31,537.80	4,457.14	46,133.19	2,250.00	48,383.19	109,920.59
01-Aug-18	3,000,000.00	267,128.13	31,537.80	174,608.16	60,982.17	2,250.00	63,232.17	--
01-Feb-19	2,815,000.00	76,925.00	29,592.97	4,457.14	42,874.89	2,111.25	44,986.14	108,218.31
01-Aug-19	2,815,000.00	266,925.00	29,592.97	174,608.16	62,723.87	2,111.25	64,835.12	--
01-Feb-20	2,625,000.00	71,937.50	27,595.58	4,457.14	39,884.78	1,968.75	41,853.53	106,688.65
01-Aug-20	2,625,000.00	271,937.50	27,595.58	174,608.16	69,733.76	1,968.75	71,702.51	--
01-Feb-21	2,425,000.00	66,687.50	25,493.06	4,457.14	36,737.30	1,818.75	38,556.05	110,258.56
01-Aug-21	2,425,000.00	271,687.50	25,493.06	174,608.16	71,586.28	1,818.75	73,405.03	--
01-Feb-22	2,220,000.00	61,050.00	23,337.97	4,457.14	33,254.89	1,665.00	34,919.89	108,324.92
01-Aug-22	2,220,000.00	276,050.00	23,337.97	174,608.16	78,103.87	1,665.00	79,768.87	--
01-Feb-23	2,005,000.00	55,137.50	21,077.76	4,457.14	29,602.60	1,503.75	31,106.35	110,875.22
01-Aug-23	2,005,000.00	275,137.50	21,077.76	174,608.16	79,451.58	1,503.75	80,955.33	--
01-Feb-24	1,785,000.00	49,087.50	18,764.99	4,457.14	25,865.37	1,338.75	27,204.12	108,159.45
01-Aug-24	1,785,000.00	279,087.50	18,764.99	174,608.16	85,714.35	1,338.75	87,053.10	--
01-Feb-25	1,555,000.00	42,762.50	16,347.09	4,457.14	21,958.27	1,166.25	23,124.52	110,177.62
01-Aug-25	1,555,000.00	277,762.50	16,347.09	174,608.16	86,807.25	1,166.25	87,973.50	--
01-Feb-26	1,320,000.00	36,300.00	13,876.63	4,457.14	17,966.23	990.00	18,956.23	106,929.73
01-Aug-26	1,320,000.00	281,300.00	13,876.63	174,608.16	92,815.21	990.00	93,805.21	--
01-Feb-27	1,075,000.00	29,562.50	11,301.05	4,457.14	13,804.31	806.25	14,610.56	108,415.77
01-Aug-27	1,075,000.00	284,562.50	11,301.05	174,608.16	98,653.29	806.25	99,459.54	--
01-Feb-28	820,000.00	22,550.00	8,620.33	4,457.14	9,472.53	615.00	10,087.53	109,547.07
01-Aug-28	820,000.00	287,550.00	8,620.33	174,608.16	104,321.51	615.00	104,936.51	--
01-Feb-29	555,000.00	15,262.50	5,834.49	4,457.14	4,970.87	416.25	5,387.12	110,323.63
01-Aug-29	555,000.00	290,262.50	5,834.49	174,608.16	109,819.85	416.25	110,236.10	--
01-Feb-30	280,000.00	7,700.00	2,943.53	4,457.14	299.33	210.00	509.33	110,745.43
01-Aug-30	280,000.00	287,700.00	2,943.53	174,608.16	110,148.31	210.00	110,358.31	--
01-Feb-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	110,358.31
01-Aug-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
		$10,531,043.77	$1,998,767.26	$5,371,959.00	$3,160,317.51	$142,598.00	$3,302,915.51	$3,302,915.51

Average Annual Net Debt Service:	$106,298.64

Max:	111,439.24
Min:	106,688.65
Span:	4,750.59

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 6
MWRA
98-73
Final Structuring Analysis

AMENDED SCHEDULE C

G.E. 75.00%

Schedule of Payments

Initial Principal Amount: 4,907,928.00

	Schedule of Payments			Subsidy Amounts			Net Payments		
Date	Principal	Interest	Total	Equity Earnings	Commonwealth Subsidies	Total	Principal	Interest	Total
01-Feb-05	0.00	124,123.68	124,123.68	51,595.08	0.00	51,595.08	0.00	72,528.60	72,528.60
01-Aug-05	119,904.00	128,212.25	248,116.25	51,595.08	171,451.39	223,046.47	25,069.78	0.00	25,069.78
01-Feb-06	0.00	127,430.80	127,430.80	50,334.58	2,737.66	53,072.24	0.00	74,358.56	74,358.56
01-Aug-06	123,324.00	127,473.56	250,797.56	50,334.58	173,284.93	223,619.51	27,178.05	0.00	27,178.05
01-Feb-07	0.00	127,125.91	127,125.91	49,038.13	4,457.14	53,495.27	0.00	73,630.64	73,630.64
01-Aug-07	127,318.00	119,174.73	246,492.73	49,038.13	171,481.99	220,520.11	25,972.62	0.00	25,972.62
01-Feb-08	0.00	126,595.62	126,595.62	47,699.68	4,457.14	52,156.82	0.00	74,438.80	74,438.80
01-Aug-08	131,435.00	116,492.13	247,927.13	47,699.68	174,160.40	221,860.08	26,067.05	0.00	26,067.05
01-Feb-09	0.00	126,221.46	126,221.46	46,317.96	4,457.14	50,775.10	0.00	75,446.36	75,446.36
01-Aug-09	135,690.00	105,688.93	241,378.93	46,317.96	173,460.67	219,778.63	21,600.31	0.00	21,600.31
01-Feb-10	0.00	129,243.94	129,243.94	44,891.50	4,457.14	49,348.64	0.00	79,895.29	79,895.29
01-Aug-10	140,257.00	100,869.64	241,126.64	44,891.50	173,929.04	218,820.54	22,306.10	0.00	22,306.10
01-Feb-11	0.00	127,444.12	127,444.12	43,417.04	4,457.14	47,874.18	0.00	79,569.94	79,569.94
01-Aug-11	145,000.00	99,292.88	244,292.88	43,417.04	173,347.30	216,764.34	27,528.54	0.00	27,528.54
01-Feb-12	0.00	120,757.23	120,757.23	41,892.71	4,457.14	46,349.85	0.00	74,407.38	74,407.38
01-Aug-12	150,000.00	92,135.84	242,135.84	41,892.71	167,861.88	209,754.59	32,381.25	0.00	32,381.25
01-Feb-13	0.00	113,044.12	113,044.12	40,315.82	4,457.14	44,772.96	0.00	68,271.16	68,271.16
01-Aug-13	155,000.00	93,682.38	248,682.38	40,315.82	171,303.13	211,618.95	37,063.43	0.00	37,063.43
01-Feb-14	0.00	107,976.54	107,976.54	38,686.37	4,457.14	43,143.51	0.00	64,833.03	64,833.03
01-Aug-14	160,000.00	93,323.13	253,323.13	38,686.37	172,115.60	210,801.97	42,521.16	0.00	42,521.16
01-Feb-15	0.00	100,959.72	100,959.72	37,004.35	4,457.14	41,461.49	0.00	59,498.23	59,498.23
01-Aug-15	165,000.00	88,793.05	253,793.05	37,004.35	171,395.02	208,399.37	45,393.67	0.00	45,393.67
01-Feb-16	0.00	95,788.40	95,788.40	35,269.77	4,457.14	39,726.91	0.00	56,061.49	56,061.49
01-Aug-16	175,000.00	86,230.87	261,230.87	35,269.77	171,583.39	206,853.16	54,377.71	0.00	54,377.71
01-Feb-17	0.00	89,039.23	89,039.23	33,430.07	4,457.14	37,887.21	0.00	51,152.02	51,152.02
01-Aug-17	180,000.00	83,331.73	263,331.73	33,430.07	171,713.99	205,144.05	58,187.68	0.00	58,187.68
01-Feb-18	0.00	82,077.47	82,077.47	31,537.80	4,419.14	35,956.94	0.00	46,120.52	46,120.52
01-Aug-18	185,000.00	80,602.61	265,602.61	31,537.80	173,464.02	205,001.82	60,600.79	0.00	60,600.79
01-Feb-19	0.00	74,611.88	74,611.88	29,592.97	2,722.30	32,315.27	0.00	42,296.61	42,296.61
01-Aug-19	190,000.00	76,925.00	266,925.00	29,592.97	174,608.16	204,201.13	62,723.87	0.00	62,723.87
01-Feb-20	0.00	68,945.92	68,945.92	27,595.58	2,213.46	29,809.03	0.00	39,136.89	39,136.89
01-Aug-20	200,000.00	71,937.50	271,937.50	27,595.58	174,608.16	202,203.74	69,733.77	0.00	69,733.77
01-Feb-21	0.00	65,412.45	65,412.45	25,493.06	4,457.14	29,950.20	0.00	35,462.25	35,462.25
01-Aug-21	205,000.00	61,719.33	266,719.33	25,493.06	174,608.16	200,101.22	66,618.11	0.00	66,618.11
01-Feb-22	0.00	59,920.88	59,920.88	23,337.97	4,457.14	27,795.11	0.00	32,125.76	32,125.76
01-Aug-22	215,000.00	61,050.00	276,050.00	23,337.97	174,608.16	197,946.13	78,103.87	0.00	78,103.87
01-Feb-23	0.00	54,034.58	54,034.58	21,077.76	4,457.14	25,534.90	0.00	28,499.68	28,499.68
01-Aug-23	220,000.00	55,137.50	275,137.50	21,077.76	174,608.16	195,685.92	79,451.58	0.00	79,451.58
01-Feb-24	0.00	48,006.22	48,006.22	18,764.99	4,457.14	23,222.13	0.00	24,784.09	24,784.09
01-Aug-24	230,000.00	9,097.58	239,097.58	18,764.99	174,608.16	193,373.15	45,724.42	0.00	45,724.42
01-Feb-25	0.00	42,762.50	42,762.50	16,347.09	4,457.14	20,804.23	0.00	21,958.27	21,958.27
01-Aug-25	235,000.00	42,762.50	277,762.50	16,347.09	174,608.16	190,955.25	86,807.25	0.00	86,807.25
01-Feb-26	0.00	36,300.00	36,300.00	13,876.63	4,457.14	18,333.77	0.00	17,966.23	17,966.23
01-Aug-26	245,000.00	36,300.00	281,300.00	13,876.63	174,608.16	188,484.79	92,815.21	0.00	92,815.21
01-Feb-27	0.00	29,562.50	29,562.50	11,301.05	4,457.14	15,758.19	0.00	13,804.32	13,804.32
01-Aug-27	255,000.00	29,562.50	284,562.50	11,301.05	174,608.16	185,909.21	98,653.30	0.00	98,653.30
01-Feb-28	0.00	22,550.00	22,550.00	8,620.33	4,457.14	13,077.47	0.00	9,472.53	9,472.53
01-Aug-28	265,000.00	22,550.00	287,550.00	8,620.33	174,608.16	183,228.49	104,321.51	0.00	104,321.51
01-Feb-29	0.00	15,262.50	15,262.50	5,834.49	4,457.14	10,291.63	0.00	4,970.87	4,970.87
01-Aug-29	275,000.00	15,262.50	290,262.50	5,834.49	174,608.16	180,442.65	109,819.85	0.00	109,819.85
01-Feb-30	0.00	7,700.00	7,700.00	2,943.53	4,457.14	7,400.67	0.00	299.33	299.33
01-Aug-30	280,000.00	7,700.00	287,700.00	2,943.53	174,608.16	177,551.69	110,148.31	0.00	110,148.31
	$4,907,928.00	$4,028,205.79	$8,936,133.79	$1,592,432.63	$4,611,543.16	$6,203,975.79	$1,511,169.16	$1,220,988.84	$2,732,158.00

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Series 6

MWRA
99-21

Final Structuring Analysis

Estimated Net Borrower Debt Service

Date	Principal Outstanding	Debt Service [Net of Accrued Interest]	LESS DSRF Earnings @ 5.256300%	LESS Contract Assistance	Estimated Net Debt Service	PLUS Administrative Fee Payable @ 0.075%	Estimated Total Payment	Estimated Total Payment [Fiscal Year ending] 30-Jun
08-Nov-00								
01-Feb-01	$25,218,723.00	$311,891.69	$122,247.17	$2,163.03	$187,481.49	$8,721.48	$196,202.97	$196,202.97
01-Aug-01	25,218,723.00	1,088,240.62	265,114.35	6,246.49	816,879.78	18,914.04	835,793.82	–
01-Feb-02	24,806,874.00	666,610.20	260,784.74	2,163.03	403,662.43	18,605.16	422,267.59	1,258,061.41
01-Aug-02	24,806,874.00	1,084,989.20	260,784.74	6,246.49	817,957.97	18,605.16	836,563.13	–
01-Feb-03	24,388,495.00	656,673.70	256,386.49	2,163.03	398,124.18	18,291.37	416,415.55	1,252,978.68
01-Aug-03	24,388,495.00	1,092,356.70	256,386.49	6,246.49	829,723.72	18,291.37	848,015.09	–
01-Feb-04	23,952,812.00	646,326.23	251,806.33	2,163.03	392,356.87	17,964.61	410,321.48	1,258,336.57
01-Aug-04	23,952,812.00	1,099,917.23	251,806.33	6,246.49	841,864.41	17,964.61	859,829.02	–
01-Feb-05	23,499,221.00	636,120.43	247,037.91	2,163.03	386,919.49	17,624.42	404,543.91	1,264,372.93
01-Aug-05	23,499,221.00	1,098,605.43	247,037.91	6,246.49	845,321.03	17,624.42	862,945.45	–
01-Feb-06	23,036,736.00	625,714.52	242,175.99	2,163.03	381,375.50	17,277.55	398,653.05	1,261,598.50
01-Aug-06	23,036,736.00	1,106,129.52	242,175.99	6,246.49	857,707.04	17,277.55	874,984.59	–
01-Feb-07	22,556,321.00	613,704.14	237,125.58	2,163.03	374,415.53	16,917.24	391,332.77	1,266,317.36
01-Aug-07	22,556,321.00	1,113,317.14	237,125.58	6,246.49	869,945.07	16,917.24	886,862.31	–
01-Feb-08	22,056,708.00	600,589.30	231,873.35	2,163.03	366,552.92	16,542.53	383,095.45	1,269,957.76
01-Aug-08	22,056,708.00	1,117,517.30	231,873.35	6,246.49	879,397.46	16,542.53	895,939.99	–
01-Feb-09	21,539,780.00	587,666.10	226,439.09	2,163.03	359,063.98	16,154.84	375,218.82	1,271,158.81
01-Aug-09	21,539,780.00	1,129,811.10	226,439.09	6,246.49	897,125.52	16,154.84	913,280.36	–
01-Feb-10	20,997,635.00	573,434.80	220,739.74	2,163.03	350,532.03	15,748.23	366,280.26	1,279,560.62
01-Aug-10	20,997,635.00	1,141,069.80	220,739.74	6,246.49	914,083.57	15,748.23	929,831.80	–
01-Feb-11	20,430,000.00	558,534.38	214,772.42	2,163.03	341,598.93	15,322.50	356,921.43	1,286,753.23
01-Aug-11	20,430,000.00	1,153,534.38	214,772.42	6,246.49	932,515.47	15,322.50	947,837.97	–
01-Feb-12	19,835,000.00	542,915.63	208,517.42	2,163.03	332,235.18	14,876.25	347,111.43	1,294,949.40
01-Aug-12	19,835,000.00	1,147,915.63	208,517.42	6,246.49	933,151.72	14,876.25	948,027.97	–
01-Feb-13	19,230,000.00	527,790.63	202,157.30	2,163.03	323,470.30	14,422.50	337,892.80	1,285,920.77
01-Aug-13	19,230,000.00	1,167,790.63	202,157.30	6,246.49	959,386.84	14,422.50	973,809.34	–
01-Feb-14	18,590,000.00	509,790.63	195,429.23	2,163.03	312,198.37	13,942.50	326,140.87	1,299,950.21
01-Aug-14	18,590,000.00	1,164,790.63	195,429.23	6,246.49	963,114.91	13,942.50	977,057.41	–
01-Feb-15	17,935,000.00	493,006.25	188,543.48	2,163.03	302,299.74	13,451.25	315,750.99	1,292,808.40
01-Aug-15	17,935,000.00	1,183,006.25	188,543.48	6,246.49	988,216.28	13,451.25	1,001,667.53	–
01-Feb-16	17,245,000.00	473,600.00	181,289.79	2,163.03	290,147.18	12,933.75	303,080.93	1,304,748.46
01-Aug-16	17,245,000.00	1,193,600.00	181,289.79	6,246.49	1,006,063.72	12,933.75	1,018,997.47	–
01-Feb-17	16,525,000.00	453,350.00	173,720.72	2,163.03	277,466.25	12,393.75	289,860.00	1,308,857.47
01-Aug-17	16,525,000.00	1,203,350.00	173,720.72	6,246.49	1,023,382.79	12,393.75	1,035,776.54	–
01-Feb-18	15,775,000.00	432,256.25	165,836.27	2,163.03	264,256.95	11,831.25	276,088.20	1,311,864.74
01-Aug-18	15,775,000.00	1,212,256.25	165,836.27	6,246.49	1,040,173.49	11,831.25	1,052,004.74	–
01-Feb-19	14,995,000.00	410,318.75	157,636.44	2,163.03	250,519.28	11,246.25	261,765.53	1,313,770.27
01-Aug-19	14,995,000.00	1,210,318.75	157,636.44	6,246.49	1,046,435.82	11,246.25	1,057,682.07	–
01-Feb-20	14,195,000.00	389,318.75	149,226.36	2,163.03	237,929.36	10,646.25	248,575.61	1,306,257.68
01-Aug-20	14,195,000.00	1,224,318.75	149,226.36	6,246.49	1,068,845.90	10,646.25	1,079,492.15	–
01-Feb-21	13,360,000.00	367,400.00	140,448.34	2,163.03	224,788.63	10,020.00	234,808.63	1,314,300.78
01-Aug-21	13,360,000.00	1,532,400.00	140,448.34	6,246.49	1,385,705.17	10,020.00	1,395,725.17	–
01-Feb-22	12,195,000.00	335,362.50	128,201.16	2,163.03	204,998.31	9,146.25	214,144.56	1,609,869.73
01-Aug-22	12,195,000.00	1,535,362.50	128,201.16	6,246.49	1,400,914.85	9,146.25	1,410,061.10	–
01-Feb-23	10,995,000.00	302,362.50	115,586.04	2,163.03	184,613.43	8,246.25	192,859.68	1,602,920.78
01-Aug-23	10,995,000.00	1,537,362.50	115,586.04	6,246.49	1,415,529.97	8,246.25	1,423,776.22	–
01-Feb-24	9,760,000.00	268,400.00	102,602.98	2,163.03	163,633.99	7,320.00	170,953.99	1,594,730.21
01-Aug-24	9,760,000.00	1,543,400.00	102,602.98	6,246.49	1,434,550.53	7,320.00	1,441,870.53	–
01-Feb-25	8,485,000.00	233,337.50	89,199.41	2,163.03	141,975.06	6,363.75	148,338.81	1,590,209.34
01-Aug-25	8,485,000.00	1,543,337.50	89,199.41	6,246.49	1,447,891.60	6,363.75	1,454,255.35	–
01-Feb-26	7,175,000.00	197,312.50	75,427.91	2,163.03	119,721.56	5,381.25	125,102.81	1,579,358.16
01-Aug-26	7,175,000.00	1,552,312.50	75,427.91	6,246.49	1,470,638.10	5,381.25	1,476,019.35	–
01-Feb-27	5,820,000.00	160,050.00	61,183.33	2,163.03	96,703.64	4,365.00	101,068.64	1,577,087.99
01-Aug-27	5,820,000.00	1,555,050.00	61,183.33	6,246.49	1,487,620.18	4,365.00	1,491,985.18	–
01-Feb-28	4,425,000.00	121,687.50	46,518.26	2,163.03	73,006.21	3,318.75	76,324.96	1,568,310.14
01-Aug-28	4,425,000.00	1,561,687.50	46,518.26	6,246.49	1,508,922.75	3,318.75	1,512,241.50	–
01-Feb-29	2,985,000.00	82,087.50	31,380.11	2,163.03	48,544.36	2,238.75	50,783.11	1,563,024.61
01-Aug-29	2,985,000.00	1,562,087.50	31,380.11	6,246.49	1,524,460.90	2,238.75	1,526,699.65	–
01-Feb-30	1,505,000.00	41,387.50	15,821.46	2,163.03	23,403.01	1,128.75	24,531.76	1,551,231.41
01-Aug-30	1,505,000.00	1,546,387.50	15,821.46	6,246.49	1,524,319.55	1,128.75	1,525,448.30	–
01-Feb-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,525,448.30
01-Aug-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	–
		$51,221,222.69	$10,023,096.82	$252,285.60	$40,945,840.27	$715,077.42	$41,660,917.69	$41,660,917.69

Average Annual Net Debt Service:	$1,377,230.92

Max:	1,609,869.73
Min:	1,252,978.68
Span:	356,891.05

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 6
MWRA
99-21
Final Structuring Analysis

AMENDED SCHEDULE C

G.E. 50.00%

Schedule of Payments

Initial Principal Amount: 23,499,221.00

	Schedule of Payments			Subsidy Amounts			Net Payments		
Date	Principal	Interest	Total	Equity Earnings	Commonwealth Subsidies	Total	Principal	Interest	Total
01-Feb-05	0.00	587,545.82	587,545.82	247,037.91	0.00	247,037.91	0.00	340,507.91	340,507.91
01-Aug-05	462,485.00	616,746.28	1,079,231.28	247,037.91	223,965.72	471,003.64	462,485.00	145,742.64	608,227.64
01-Feb-06	0.00	615,161.49	615,161.49	242,175.99	7,942.91	250,118.90	0.00	365,042.59	365,042.59
01-Aug-06	480,415.00	615,358.36	1,095,773.36	242,175.99	229,592.25	471,768.24	480,415.00	143,590.12	624,005.12
01-Feb-07	0.00	615,939.21	615,939.21	237,125.58	13,219.42	250,345.00	0.00	365,594.21	365,594.21
01-Aug-07	499,613.00	579,340.00	1,078,953.00	237,125.58	224,059.64	461,185.22	499,613.00	118,154.78	617,767.78
01-Feb-08	0.00	615,767.12	615,767.12	231,873.35	13,219.42	245,092.77	0.00	370,674.35	370,674.35
01-Aug-08	516,928.00	569,260.80	1,086,188.80	231,873.35	232,278.77	464,152.12	516,928.00	105,108.68	622,036.68
01-Feb-09	0.00	616,246.54	616,246.54	226,439.09	13,219.42	239,658.51	0.00	376,588.03	376,588.03
01-Aug-09	542,145.00	521,735.46	1,063,880.46	226,439.09	230,131.54	456,570.63	542,145.00	65,164.83	607,309.83
01-Feb-10	0.00	632,322.91	632,322.91	220,739.74	13,219.42	233,959.16	0.00	398,363.76	398,363.76
01-Aug-10	567,635.00	501,716.21	1,069,351.21	220,739.74	231,568.81	452,308.55	567,635.00	49,407.66	617,042.66
01-Feb-11	0.00	626,084.99	626,084.99	214,772.42	13,219.42	227,991.84	0.00	398,093.16	398,093.16
01-Aug-11	595,000.00	499,818.30	1,094,818.30	214,772.42	229,990.32	444,762.74	595,000.00	55,055.56	650,055.56
01-Feb-12	0.00	594,306.75	594,306.75	208,517.42	13,219.42	221,736.84	0.00	372,569.91	372,569.91
01-Aug-12	605,000.00	470,054.64	1,075,054.64	208,517.42	214,178.13	422,695.55	605,000.00	47,359.09	652,359.09
01-Feb-13	0.00	561,702.28	561,702.28	202,157.30	13,219.42	215,376.72	0.00	346,325.56	346,325.56
01-Aug-13	640,000.00	477,555.32	1,117,555.32	202,157.30	224,053.05	426,210.35	640,000.00	51,344.97	691,344.97
01-Feb-14	0.00	540,826.44	540,826.44	195,429.23	13,219.42	208,648.65	0.00	332,177.79	332,177.79
01-Aug-14	655,000.00	476,571.45	1,131,571.45	195,429.23	226,322.06	421,751.30	655,000.00	54,820.15	709,820.15
01-Feb-15	0.00	511,563.96	511,563.96	188,543.48	13,219.42	201,762.90	0.00	309,801.06	309,801.06
01-Aug-15	690,000.00	458,030.50	1,148,030.50	188,543.48	224,240.68	412,784.16	690,000.00	45,246.34	735,246.34
01-Feb-16	0.00	489,751.51	489,751.51	181,289.79	13,219.42	194,509.21	0.00	295,242.30	295,242.30
01-Aug-16	720,000.00	447,979.32	1,167,979.32	181,289.79	224,868.75	406,158.54	720,000.00	41,820.78	761,820.78
01-Feb-17	0.00	461,402.58	461,402.58	173,720.72	13,219.42	186,940.14	0.00	274,462.45	274,462.45
01-Aug-17	750,000.00	436,764.64	1,186,764.64	173,720.72	225,360.12	399,080.84	750,000.00	37,683.81	787,683.81
01-Feb-18	0.00	432,003.93	432,003.93	165,836.27	13,093.26	178,929.52	0.00	253,074.40	253,074.40
01-Aug-18	780,000.00	425,639.63	1,205,639.63	165,836.27	230,344.49	396,180.75	780,000.00	29,458.87	809,458.87
01-Feb-19	0.00	398,487.18	398,487.18	157,636.44	7,303.64	164,940.07	0.00	233,547.11	233,547.11
01-Aug-19	800,000.00	410,318.75	1,210,318.75	157,636.44	233,652.80	391,289.24	800,000.00	19,029.51	819,029.51
01-Feb-20	0.00	373,468.87	373,468.87	149,226.36	5,294.48	154,520.84	0.00	218,948.03	218,948.03
01-Aug-20	835,000.00	389,318.75	1,224,318.75	149,226.36	233,652.80	382,879.16	835,000.00	6,439.59	841,439.59
01-Feb-21	0.00	353,113.08	353,113.08	140,448.34	13,219.42	153,667.76	0.00	199,445.32	199,445.32
01-Aug-21	1,165,000.00	311,018.40	1,476,018.40	140,448.34	233,652.80	374,101.14	1,101,917.26	0.00	1,101,917.26
01-Feb-22	0.00	322,764.46	322,764.46	128,201.16	13,219.42	141,420.58	0.00	181,343.88	181,343.88
01-Aug-22	1,200,000.00	335,362.50	1,535,362.50	128,201.16	233,652.80	361,853.96	1,173,508.54	0.00	1,173,508.54
01-Feb-23	0.00	290,059.57	290,059.57	115,586.04	13,219.42	128,805.46	0.00	161,254.12	161,254.12
01-Aug-23	1,235,000.00	302,362.50	1,537,362.50	115,586.04	233,652.80	349,238.84	1,188,123.66	0.00	1,188,123.66
01-Feb-24	0.00	256,411.88	256,411.88	102,602.98	13,219.42	115,822.40	0.00	140,589.49	140,589.49
01-Aug-24	1,275,000.00	0.00	1,275,000.00	102,602.98	408,619.35 *	511,222.33	763,777.67	0.00	763,777.67
01-Feb-25	0.00	233,337.50	233,337.50	89,199.41	13,219.42	102,418.83	0.00	130,918.67	130,918.67
01-Aug-25	1,310,000.00	233,337.50	1,543,337.50	89,199.41	233,652.80	322,852.21	1,220,485.29	0.00	1,220,485.29
01-Feb-26	0.00	197,312.50	197,312.50	75,427.91	13,219.42	88,647.33	0.00	108,665.18	108,665.18
01-Aug-26	1,355,000.00	197,312.50	1,552,312.50	75,427.91	233,652.80	309,080.71	1,243,231.80	0.00	1,243,231.80
01-Feb-27	0.00	160,050.00	160,050.00	61,183.33	13,219.42	74,402.75	0.00	85,647.25	85,647.25
01-Aug-27	1,395,000.00	160,050.00	1,555,050.00	61,183.33	233,652.80	294,836.13	1,260,213.87	0.00	1,260,213.87
01-Feb-28	0.00	121,687.50	121,687.50	46,518.26	13,219.42	59,737.68	0.00	61,949.83	61,949.83
01-Aug-28	1,440,000.00	121,687.50	1,561,687.50	46,518.26	233,652.80	280,171.06	1,281,516.45	0.00	1,281,516.45
01-Feb-29	0.00	82,087.50	82,087.50	31,380.11	13,219.42	44,599.53	0.00	37,487.97	37,487.97
01-Aug-29	1,480,000.00	82,087.50	1,562,087.50	31,380.11	233,652.80	265,032.91	1,297,054.59	0.00	1,297,054.59
01-Feb-30	0.00	41,387.50	41,387.50	15,821.46	13,219.42	29,040.88	0.00	12,346.62	12,346.62
01-Aug-30	1,505,000.00	41,387.50	1,546,387.50	15,821.46	233,652.80	249,474.26	1,296,913.24	0.00	1,296,913.24
	$23,499,221.00	$20,411,607.37	$43,910,828.37	$8,097,780.11	$6,460,996.59	$14,558,776.70	$21,965,963.36	$7,386,088.31	$29,352,051.67

*Includes a credit for debt service savings the Trust expects to receive on such Payment Date as a result of the refunding of a portion of the Bonds, which savings are allocable to the Issuer pursuant to Section 4(i) of the Bond Purchase Agreement.

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 20
Massachusetts Water Resources Authority Loan Amortization
CW-15-27

Loan Amount Approved	3,038,178.00	Loan Origination Fee ($5.50/1000)		16,709.98
Principal Forgiveness		Loan Term (in years)		20
Amount to be Financed	3,038,178.00 -	Loan Rate		2.00%
		Closing Date		4/13/2017
		First Interest Payment		7/15/2017
		First Principal Payment		1/15/2018

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
4/13/2017							
7/15/2017		15,528.47	15,528.47	1,164.63	16,709.98	33,403.08	
1/15/2018	122,896.00	30,381.78	153,277.78	2,278.63		155,556.41	188,959.49
7/15/2018		29,152.82	29,152.82	2,186.46		31,339.28	
1/15/2019	125,568.00	29,152.82	154,720.82	2,186.46		156,907.28	188,246.56
7/15/2019		27,897.14	27,897.14	2,092.29		29,989.43	
1/15/2020	128,297.00	27,897.14	156,194.14	2,092.29		158,286.43	188,275.85
7/15/2020		26,614.17	26,614.17	1,996.06		28,610.23	
1/15/2021	131,086.00	26,614.17	157,700.17	1,996.06		159,696.23	188,306.47
7/15/2021		25,303.31	25,303.31	1,897.75		27,201.06	
1/15/2022	133,935.00	25,303.31	159,238.31	1,897.75		161,136.06	188,337.12
7/15/2022		23,963.96	23,963.96	1,797.30		25,761.26	
1/15/2023	136,846.00	23,963.96	160,809.96	1,797.30		162,607.26	188,368.51
7/15/2023		22,595.50	22,595.50	1,694.66		24,290.16	
1/15/2024	139,820.00	22,595.50	162,415.50	1,694.66		164,110.16	188,400.33
7/15/2024		21,197.30	21,197.30	1,589.80		22,787.10	
1/15/2025	142,859.00	21,197.30	164,056.30	1,589.80		165,646.10	188,433.20
7/15/2025		19,768.71	19,768.71	1,482.65		21,251.36	
1/15/2026	145,964.00	19,768.71	165,732.71	1,482.65		167,215.36	188,466.73
7/15/2026		18,309.07	18,309.07	1,373.18		19,682.25	
1/15/2027	149,136.00	18,309.07	167,445.07	1,373.18		168,818.25	188,500.50
7/15/2027		16,817.71	16,817.71	1,261.33		18,079.04	
1/15/2028	152,377.00	16,817.71	169,194.71	1,261.33		170,456.04	188,535.08
7/15/2028		15,293.94	15,293.94	1,147.05		16,440.99	
1/15/2029	155,689.00	15,293.94	170,982.94	1,147.05		172,129.99	188,570.97
7/15/2029		13,737.05	13,737.05	1,030.28		14,767.33	
1/15/2030	159,072.00	13,737.05	172,809.05	1,030.28		173,839.33	188,606.66
7/15/2030		12,146.33	12,146.33	910.97		13,057.30	
1/15/2031	162,530.00	12,146.33	174,676.33	910.97		175,587.30	188,644.61
7/15/2031		10,521.03	10,521.03	789.08		11,310.11	
1/15/2032	166,062.00	10,521.03	176,583.03	789.08		177,372.11	188,682.21
7/15/2032		8,860.41	8,860.41	664.53		9,524.94	
1/15/2033	169,671.00	8,860.41	178,531.41	664.53		179,195.94	188,720.88
7/15/2033		7,163.70	7,163.70	537.28		7,700.98	
1/15/2034	173,359.00	7,163.70	180,522.70	537.28		181,059.98	188,760.96
7/15/2034		5,430.11	5,430.11	407.26		5,837.37	
1/15/2035	177,126.00	5,430.11	182,556.11	407.26		182,963.37	188,800.74
7/15/2035		3,658.85	3,658.85	274.41		3,933.26	
1/15/2036	180,976.00	3,658.85	184,634.85	274.41		184,909.26	188,842.53
7/15/2036		1,849.09	1,849.09	138.68		1,987.77	
1/15/2037	184,909.00	1,849.09	186,758.09	138.68		186,896.77	188,884.54
7/15/2037							
	3,038,178.00	666,470.65	3,704,648.65	49,985.30	16,709.98	3,771,343.92	3,771,343.92

Notes:

**This project may qualify for principal forgiveness in accordance with schedule B to the Loan Agreement. Principal forgiveness shown on this schedule is an estimate, and is not a guarantee.

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 20
Massachusetts Water Resources Authority Loan Amortization
CW-15-28

Loan Amount Approved	1,176,680.00	Loan Origination Fee ($5.50/1000)		6,471.74
Principal Forgiveness		Loan Term (in years)		20
Amount to be Financed	1,176,680.00 -	Loan Rate		2.00%
		Closing Date		4/13/2017
		First Interest Payment		7/15/2017
		First Principal Payment		1/15/2018

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
4/13/2017							
7/15/2017		6,014.14	6,014.14	451.06	6,471.74	12,936.94	
1/15/2018	47,597.00	11,766.80	59,363.80	882.51		60,246.31	73,183.25
7/15/2018		11,290.83	11,290.83	846.81		12,137.64	
1/15/2019	48,632.00	11,290.83	59,922.83	846.81		60,769.64	72,907.28
7/15/2019		10,804.51	10,804.51	810.34		11,614.85	
1/15/2020	49,689.00	10,804.51	60,493.51	810.34		61,303.85	72,918.70
7/15/2020		10,307.62	10,307.62	773.07		11,080.69	
1/15/2021	50,769.00	10,307.62	61,076.62	773.07		61,849.69	72,930.38
7/15/2021		9,799.93	9,799.93	734.99		10,534.92	
1/15/2022	51,873.00	9,799.93	61,672.93	734.99		62,407.92	72,942.85
7/15/2022		9,281.20	9,281.20	696.09		9,977.29	
1/15/2023	53,000.00	9,281.20	62,281.20	696.09		62,977.29	72,954.58
7/15/2023		8,751.20	8,751.20	656.34		9,407.54	
1/15/2024	54,152.00	8,751.20	62,903.20	656.34		63,559.54	72,967.08
7/15/2024		8,209.68	8,209.68	615.73		8,825.41	
1/15/2025	55,329.00	8,209.68	63,538.68	615.73		64,154.41	72,979.81
7/15/2025		7,656.39	7,656.39	574.23		8,230.62	
1/15/2026	56,531.00	7,656.39	64,187.39	574.23		64,761.62	72,992.24
7/15/2026		7,091.08	7,091.08	531.83		7,622.91	
1/15/2027	57,760.00	7,091.08	64,851.08	531.83		65,382.91	73,005.82
7/15/2027		6,513.48	6,513.48	488.51		7,001.99	
1/15/2028	59,015.00	6,513.48	65,528.48	488.51		66,016.99	73,018.98
7/15/2028		5,923.33	5,923.33	444.25		6,367.58	
1/15/2029	60,298.00	5,923.33	66,221.33	444.25		66,665.58	73,033.16
7/15/2029		5,320.35	5,320.35	399.03		5,719.38	
1/15/2030	61,609.00	5,320.35	66,929.35	399.03		67,328.38	73,047.75
7/15/2030		4,704.26	4,704.26	352.82		5,057.08	
1/15/2031	62,947.00	4,704.26	67,651.26	352.82		68,004.08	73,061.16
7/15/2031		4,074.79	4,074.79	305.61		4,380.40	
1/15/2032	64,316.00	4,074.79	68,390.79	305.61		68,696.40	73,076.80
7/15/2032		3,431.63	3,431.63	257.37		3,689.00	
1/15/2033	65,713.00	3,431.63	69,144.63	257.37		69,402.00	73,091.00
7/15/2033		2,774.50	2,774.50	208.09		2,982.59	
1/15/2034	67,142.00	2,774.50	69,916.50	208.09		70,124.59	73,107.18
7/15/2034		2,103.08	2,103.08	157.73		2,260.81	
1/15/2035	68,601.00	2,103.08	70,704.08	157.73		70,861.81	73,122.62
7/15/2035		1,417.07	1,417.07	106.28		1,523.35	
1/15/2036	70,092.00	1,417.07	71,509.07	106.28		71,615.35	73,138.70
7/15/2036		716.15	716.15	53.71		769.86	
1/15/2037	71,615.00	716.15	72,331.15	53.71		72,384.86	73,154.72
7/15/2037							
	1,176,680.00	258,123.10	1,434,803.10	19,359.23	6,471.74	1,460,634.07	1,460,634.07

Notes:

**This project may qualify for principal forgiveness in accordance with schedule B to the Loan Agreement. Principal forgiveness shown on this schedule is an estimate, and is not a guarantee.

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 20
Massachusetts Water Resources Authority Loan Amortization
CW-15-30

Loan Amount Approved	2,031,614.00	Loan Origination Fee ($5.50/1000)		11,173.88
Principal Forgiveness		Loan Term (in years)		20
Amount to be Financed	2,031,614.00 -	Loan Rate		2.00%
		Closing Date		4/13/2017
		First Interest Payment		7/15/2017
		First Principal Payment		1/15/2018

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
4/13/2017							
7/15/2017		10,383.80	10,383.80	778.79	11,173.88	22,336.47	
1/15/2018	82,180.00	20,316.14	102,496.14	1,523.71		104,019.85	126,356.32
7/15/2018		19,494.34	19,494.34	1,462.08		20,956.42	
1/15/2019	83,967.00	19,494.34	103,461.34	1,462.08		104,923.42	125,879.83
7/15/2019		18,654.67	18,654.67	1,399.10		20,053.77	
1/15/2020	85,792.00	18,654.67	104,446.67	1,399.10		105,845.77	125,899.54
7/15/2020		17,796.75	17,796.75	1,334.76		19,131.51	
1/15/2021	87,656.00	17,796.75	105,452.75	1,334.76		106,787.51	125,919.01
7/15/2021		16,920.19	16,920.19	1,269.01		18,189.20	
1/15/2022	89,561.00	16,920.19	106,481.19	1,269.01		107,750.20	125,939.41
7/15/2022		16,024.58	16,024.58	1,201.84		17,226.42	
1/15/2023	91,508.00	16,024.58	107,532.58	1,201.84		108,734.42	125,960.85
7/15/2023		15,109.50	15,109.50	1,133.21		16,242.71	
1/15/2024	93,497.00	15,109.50	108,606.50	1,133.21		109,739.71	125,982.43
7/15/2024		14,174.53	14,174.53	1,063.09		15,237.62	
1/15/2025	95,529.00	14,174.53	109,703.53	1,063.09		110,766.62	126,004.24
7/15/2025		13,219.24	13,219.24	991.44		14,210.68	
1/15/2026	97,605.00	13,219.24	110,824.24	991.44		111,815.68	126,026.37
7/15/2026		12,243.19	12,243.19	918.24		13,161.43	
1/15/2027	99,726.00	12,243.19	111,969.19	918.24		112,887.43	126,048.86
7/15/2027		11,245.93	11,245.93	843.44		12,089.37	
1/15/2028	101,894.00	11,245.93	113,139.93	843.44		113,983.37	126,072.75
7/15/2028		10,226.99	10,226.99	767.02		10,994.01	
1/15/2029	104,108.00	10,226.99	114,334.99	767.02		115,102.01	126,096.03
7/15/2029		9,185.91	9,185.91	688.94		9,874.85	
1/15/2030	106,371.00	9,185.91	115,556.91	688.94		116,245.85	126,120.71
7/15/2030		8,122.20	8,122.20	609.17		8,731.37	
1/15/2031	108,683.00	8,122.20	116,805.20	609.17		117,414.37	126,145.73
7/15/2031		7,035.37	7,035.37	527.65		7,563.02	
1/15/2032	111,045.00	7,035.37	118,080.37	527.65		118,608.02	126,171.05
7/15/2032		5,924.92	5,924.92	444.37		6,369.29	
1/15/2033	113,458.00	5,924.92	119,382.92	444.37		119,827.29	126,196.58
7/15/2033		4,790.34	4,790.34	359.28		5,149.62	
1/15/2034	115,924.00	4,790.34	120,714.34	359.28		121,073.62	126,223.23
7/15/2034		3,631.10	3,631.10	272.33		3,903.43	
1/15/2035	118,444.00	3,631.10	122,075.10	272.33		122,347.43	126,250.87
7/15/2035		2,446.66	2,446.66	183.50		2,630.16	
1/15/2036	121,018.00	2,446.66	123,464.66	183.50		123,648.16	126,278.32
7/15/2036		1,236.48	1,236.48	92.74		1,329.22	
1/15/2037	123,648.00	1,236.48	124,884.48	92.74		124,977.22	126,306.43
7/15/2037							
	2,031,614.00	445,665.72	2,477,279.72	33,424.93	11,173.88	2,521,878.53	2,521,878.53

Notes:

**This project may qualify for principal forgiveness in accordance with schedule B to the Loan Agreement. Principal forgiveness shown on this schedule is an estimate, and is not a guarantee.

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 20
Massachusetts Water Resources Authority Loan Amortization
CW-15-32

Loan Amount Approved	2,496,267.00	Loan Origination Fee ($5.50/1000)		13,729.47
Principal Forgiveness		Loan Term (in years)		20
Amount to be Financed	2,496,267.00 -	Loan Rate		2.00%
		Closing Date		4/13/2017
		First Interest Payment		7/15/2017
		First Principal Payment		1/15/2018

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
4/13/2017							
7/15/2017		12,758.70	12,758.70	956.90	13,729.47	27,445.07	
1/15/2018	100,976.00	24,962.67	125,938.67	1,872.20		127,810.87	155,255.94
7/15/2018		23,952.91	23,952.91	1,796.47		25,749.38	
1/15/2019	103,171.00	23,952.91	127,123.91	1,796.47		128,920.38	154,669.76
7/15/2019		22,921.20	22,921.20	1,719.09		24,640.29	
1/15/2020	105,413.00	22,921.20	128,334.20	1,719.09		130,053.29	154,693.58
7/15/2020		21,867.07	21,867.07	1,640.03		23,507.10	
1/15/2021	107,705.00	21,867.07	129,572.07	1,640.03		131,212.10	154,719.20
7/15/2021		20,790.02	20,790.02	1,559.25		22,349.27	
1/15/2022	110,045.00	20,790.02	130,835.02	1,559.25		132,394.27	154,743.54
7/15/2022		19,689.57	19,689.57	1,476.72		21,166.29	
1/15/2023	112,437.00	19,689.57	132,126.57	1,476.72		133,603.29	154,769.58
7/15/2023		18,565.20	18,565.20	1,392.39		19,957.59	
1/15/2024	114,881.00	18,565.20	133,446.20	1,392.39		134,838.59	154,796.18
7/15/2024		17,416.39	17,416.39	1,306.23		18,722.62	
1/15/2025	117,377.00	17,416.39	134,793.39	1,306.23		136,099.62	154,822.24
7/15/2025		16,242.62	16,242.62	1,218.20		17,460.82	
1/15/2026	119,928.00	16,242.62	136,170.62	1,218.20		137,388.82	154,849.63
7/15/2026		15,043.34	15,043.34	1,128.25		16,171.59	
1/15/2027	122,535.00	15,043.34	137,578.34	1,128.25		138,706.59	154,878.18
7/15/2027		13,817.99	13,817.99	1,036.35		14,854.34	
1/15/2028	125,198.00	13,817.99	139,015.99	1,036.35		140,052.34	154,906.68
7/15/2028		12,566.01	12,566.01	942.45		13,508.46	
1/15/2029	127,919.00	12,566.01	140,485.01	942.45		141,427.46	154,935.92
7/15/2029		11,286.82	11,286.82	846.51		12,133.33	
1/15/2030	130,699.00	11,286.82	141,985.82	846.51		142,832.33	154,965.66
7/15/2030		9,979.83	9,979.83	748.49		10,728.32	
1/15/2031	133,540.00	9,979.83	143,519.83	748.49		144,268.32	154,996.63
7/15/2031		8,644.43	8,644.43	648.33		9,292.76	
1/15/2032	136,442.00	8,644.43	145,086.43	648.33		145,734.76	155,027.52
7/15/2032		7,280.01	7,280.01	546.00		7,826.01	
1/15/2033	139,407.00	7,280.01	146,687.01	546.00		147,233.01	155,059.02
7/15/2033		5,885.94	5,885.94	441.45		6,327.39	
1/15/2034	142,437.00	5,885.94	148,322.94	441.45		148,764.39	155,091.77
7/15/2034		4,461.57	4,461.57	334.62		4,796.19	
1/15/2035	145,533.00	4,461.57	149,994.57	334.62		150,329.19	155,125.38
7/15/2035		3,006.24	3,006.24	225.47		3,231.71	
1/15/2036	148,696.00	3,006.24	151,702.24	225.47		151,927.71	155,159.42
7/15/2036		1,519.28	1,519.28	113.95		1,633.23	
1/15/2037	151,928.00	1,519.28	153,447.28	113.95		153,561.23	155,194.45
7/15/2037							
	2,496,267.00	547,594.25	3,043,861.25	41,069.57	13,729.47	3,098,660.29	3,098,660.29

Notes:

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Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 20
Massachusetts Water Resources Authority Loan Amortization
DW-15-04

Loan Amount Approved	12,404,988.00	Loan Origination Fee ($5.50/1000)		68,227.43
Principal Forgiveness		Loan Term (in years)		20
Amount to be Financed	12,404,988.00 -	Loan Rate		2.00%
		Closing Date		4/13/2017
		First Interest Payment		7/15/2017
		First Principal Payment		1/15/2018

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
4/13/2017							
7/15/2017		63,403.27	63,403.27	4,755.25	68,227.43	136,385.95	
1/15/2018	501,793.00	124,049.88	625,842.88	9,303.74		635,146.62	771,532.57
7/15/2018		119,031.95	119,031.95	8,927.40		127,959.35	
1/15/2019	512,700.00	119,031.95	631,731.95	8,927.40		640,659.35	768,618.69
7/15/2019		113,904.95	113,904.95	8,542.87		122,447.82	
1/15/2020	523,843.00	113,904.95	637,747.95	8,542.87		646,290.82	768,738.64
7/15/2020		108,666.52	108,666.52	8,149.99		116,816.51	
1/15/2021	535,228.00	108,666.52	643,894.52	8,149.99		652,044.51	768,861.02
7/15/2021		103,314.24	103,314.24	7,748.57		111,062.81	
1/15/2022	546,860.00	103,314.24	650,174.24	7,748.57		657,922.81	768,985.62
7/15/2022		97,845.64	97,845.64	7,338.42		105,184.06	
1/15/2023	558,746.00	97,845.64	656,591.64	7,338.42		663,930.06	769,114.13
7/15/2023		92,258.18	92,258.18	6,919.36		99,177.54	
1/15/2024	570,889.00	92,258.18	663,147.18	6,919.36		670,066.54	769,244.09
7/15/2024		86,549.29	86,549.29	6,491.20		93,040.49	
1/15/2025	583,297.00	86,549.29	669,846.29	6,491.20		676,337.49	769,377.97
7/15/2025		80,716.32	80,716.32	6,053.72		86,770.04	
1/15/2026	595,974.00	80,716.32	676,690.32	6,053.72		682,744.04	769,514.09
7/15/2026		74,756.58	74,756.58	5,606.74		80,363.32	
1/15/2027	608,927.00	74,756.58	683,683.58	5,606.74		689,290.32	769,653.65
7/15/2027		68,667.31	68,667.31	5,150.05		73,817.36	
1/15/2028	622,161.00	68,667.31	690,828.31	5,150.05		695,978.36	769,795.72
7/15/2028		62,445.70	62,445.70	4,683.43		67,129.13	
1/15/2029	635,683.00	62,445.70	698,128.70	4,683.43		702,812.13	769,941.26
7/15/2029		56,088.87	56,088.87	4,206.67		60,295.54	
1/15/2030	649,498.00	56,088.87	705,586.87	4,206.67		709,793.54	770,089.07
7/15/2030		49,593.89	49,593.89	3,719.54		53,313.43	
1/15/2031	663,614.00	49,593.89	713,207.89	3,719.54		716,927.43	770,240.86
7/15/2031		42,957.75	42,957.75	3,221.83		46,179.58	
1/15/2032	678,037.00	42,957.75	720,994.75	3,221.83		724,216.58	770,396.16
7/15/2032		36,177.38	36,177.38	2,713.30		38,890.68	
1/15/2033	692,773.00	36,177.38	728,950.38	2,713.30		731,663.68	770,554.37
7/15/2033		29,249.65	29,249.65	2,193.72		31,443.37	
1/15/2034	707,830.00	29,249.65	737,079.65	2,193.72		739,273.37	770,716.75
7/15/2034		22,171.35	22,171.35	1,662.85		23,834.20	
1/15/2035	723,213.00	22,171.35	745,384.35	1,662.85		747,047.20	770,881.40
7/15/2035		14,939.22	14,939.22	1,120.44		16,059.66	
1/15/2036	738,931.00	14,939.22	753,870.22	1,120.44		754,990.66	771,050.32
7/15/2036		7,549.91	7,549.91	566.24		8,116.15	
1/15/2037	754,991.00	7,549.91	762,540.91	566.24		763,107.15	771,223.31
7/15/2037							
	12,404,988.00	2,721,222.55	15,126,210.55	204,091.69	68,227.43	15,398,529.68	15,398,529.68

Notes:

**This project may qualify for principal forgiveness in accordance with schedule B to the Loan Agreement. Principal forgiveness shown on this schedule is an estimate, and is not a guarantee.

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 20
Massachusetts Water Resources Authority Loan Amortization
DW-15-12

Loan Amount Approved	516,897.00	Loan Origination Fee ($5.50/1000)		2,842.93
Principal Forgiveness		Loan Term (in years)		20
Amount to be Financed	516,897.00 -	Loan Rate		2.00%
		Closing Date		4/13/2017
		First Interest Payment		7/15/2017
		First Principal Payment		1/15/2018

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
4/13/2017							
7/15/2017		2,641.92	2,641.92	198.14	2,842.93	5,683.00	
1/15/2018	20,908.00	5,168.97	26,076.97	387.67		26,464.64	32,147.64
7/15/2018		4,959.89	4,959.89	371.99		5,331.88	
1/15/2019	21,364.00	4,959.89	26,323.89	371.99		26,695.88	32,027.76
7/15/2019		4,746.25	4,746.25	355.97		5,102.22	
1/15/2020	21,828.00	4,746.25	26,574.25	355.97		26,930.22	32,032.44
7/15/2020		4,527.97	4,527.97	339.60		4,867.57	
1/15/2021	22,302.00	4,527.97	26,829.97	339.60		27,169.57	32,037.14
7/15/2021		4,304.95	4,304.95	322.87		4,627.82	
1/15/2022	22,787.00	4,304.95	27,091.95	322.87		27,414.82	32,042.64
7/15/2022		4,077.08	4,077.08	305.78		4,382.86	
1/15/2023	23,282.00	4,077.08	27,359.08	305.78		27,664.86	32,047.72
7/15/2023		3,844.26	3,844.26	288.32		4,132.58	
1/15/2024	23,788.00	3,844.26	27,632.26	288.32		27,920.58	32,053.16
7/15/2024		3,606.38	3,606.38	270.48		3,876.86	
1/15/2025	24,305.00	3,606.38	27,911.38	270.48		28,181.86	32,058.72
7/15/2025		3,363.33	3,363.33	252.25		3,615.58	
1/15/2026	24,833.00	3,363.33	28,196.33	252.25		28,448.58	32,064.16
7/15/2026		3,115.00	3,115.00	233.63		3,348.63	
1/15/2027	25,373.00	3,115.00	28,488.00	233.63		28,721.63	32,070.25
7/15/2027		2,861.27	2,861.27	214.60		3,075.87	
1/15/2028	25,925.00	2,861.27	28,786.27	214.60		29,000.87	32,076.73
7/15/2028		2,602.02	2,602.02	195.15		2,797.17	
1/15/2029	26,488.00	2,602.02	29,090.02	195.15		29,285.17	32,082.34
7/15/2029		2,337.14	2,337.14	175.29		2,512.43	
1/15/2030	27,064.00	2,337.14	29,401.14	175.29		29,576.43	32,088.85
7/15/2030		2,066.50	2,066.50	154.99		2,221.49	
1/15/2031	27,652.00	2,066.50	29,718.50	154.99		29,873.49	32,094.98
7/15/2031		1,789.98	1,789.98	134.25		1,924.23	
1/15/2032	28,253.00	1,789.98	30,042.98	134.25		30,177.23	32,101.46
7/15/2032		1,507.45	1,507.45	113.06		1,620.51	
1/15/2033	28,867.00	1,507.45	30,374.45	113.06		30,487.51	32,108.02
7/15/2033		1,218.78	1,218.78	91.41		1,310.19	
1/15/2034	29,494.00	1,218.78	30,712.78	91.41		30,804.19	32,114.38
7/15/2034		923.84	923.84	69.29		993.13	
1/15/2035	30,135.00	923.84	31,058.84	69.29		31,128.13	32,121.26
7/15/2035		622.49	622.49	46.69		669.18	
1/15/2036	30,790.00	622.49	31,412.49	46.69		31,459.18	32,128.35
7/15/2036		314.59	314.59	23.59		338.18	
1/15/2037	31,459.00	314.59	31,773.59	23.59		31,797.18	32,135.37
7/15/2037							
	516,897.00	113,389.23	630,286.23	8,504.19	2,842.93	641,633.35	641,633.35

Notes:

**This project may qualify for principal forgiveness in accordance with schedule B to the Loan Agreement. Principal forgiveness shown on this schedule is an estimate, and is not a guarantee.

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 20
Massachusetts Water Resources Authority Loan Amortization
DW-15-13

Loan Amount Approved	7,474,691.00	Loan Origination Fee ($5.50/1000)		41,110.80
Principal Forgiveness		Loan Term (in years)		20
Amount to be Financed	7,474,691.00 -	Loan Rate		2.00%
		Closing Date		4/13/2017
		First Interest Payment		7/15/2017
		First Principal Payment		1/15/2018

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
4/13/2017							
7/15/2017		38,203.98	38,203.98	2,865.30	41,110.80	82,180.07	
1/15/2018	302,358.00	74,746.91	377,104.91	5,606.02		382,710.93	464,891.00
7/15/2018		71,723.33	71,723.33	5,379.25		77,102.58	
1/15/2019	308,930.00	71,723.33	380,653.33	5,379.25		386,032.58	463,135.16
7/15/2019		68,634.03	68,634.03	5,147.55		73,781.58	
1/15/2020	315,644.00	68,634.03	384,278.03	5,147.55		389,425.58	463,207.16
7/15/2020		65,477.59	65,477.59	4,910.82		70,388.41	
1/15/2021	322,504.00	65,477.59	387,981.59	4,910.82		392,892.41	463,280.82
7/15/2021		62,252.55	62,252.55	4,668.94		66,921.49	
1/15/2022	329,514.00	62,252.55	391,766.55	4,668.94		396,435.49	463,356.98
7/15/2022		58,957.41	58,957.41	4,421.81		63,379.22	
1/15/2023	336,675.00	58,957.41	395,632.41	4,421.81		400,054.22	463,433.43
7/15/2023		55,590.66	55,590.66	4,169.30		59,759.96	
1/15/2024	343,992.00	55,590.66	399,582.66	4,169.30		403,751.96	463,511.92
7/15/2024		52,150.74	52,150.74	3,911.31		56,062.05	
1/15/2025	351,469.00	52,150.74	403,619.74	3,911.31		407,531.05	463,593.09
7/15/2025		48,636.05	48,636.05	3,647.70		52,283.75	
1/15/2026	359,107.00	48,636.05	407,743.05	3,647.70		411,390.75	463,674.51
7/15/2026		45,044.98	45,044.98	3,378.37		48,423.35	
1/15/2027	366,912.00	45,044.98	411,956.98	3,378.37		415,335.35	463,758.71
7/15/2027		41,375.86	41,375.86	3,103.19		44,479.05	
1/15/2028	374,886.00	41,375.86	416,261.86	3,103.19		419,365.05	463,844.10
7/15/2028		37,627.00	37,627.00	2,822.03		40,449.03	
1/15/2029	383,034.00	37,627.00	420,661.00	2,822.03		423,483.03	463,932.05
7/15/2029		33,796.66	33,796.66	2,534.75		36,331.41	
1/15/2030	391,359.00	33,796.66	425,155.66	2,534.75		427,690.41	464,021.82
7/15/2030		29,883.07	29,883.07	2,241.23		32,124.30	
1/15/2031	399,864.00	29,883.07	429,747.07	2,241.23		431,988.30	464,112.60
7/15/2031		25,884.43	25,884.43	1,941.33		27,825.76	
1/15/2032	408,555.00	25,884.43	434,439.43	1,941.33		436,380.76	464,206.52
7/15/2032		21,798.88	21,798.88	1,634.92		23,433.80	
1/15/2033	417,434.00	21,798.88	439,232.88	1,634.92		440,867.80	464,301.59
7/15/2033		17,624.54	17,624.54	1,321.84		18,946.38	
1/15/2034	426,507.00	17,624.54	444,131.54	1,321.84		445,453.38	464,399.76
7/15/2034		13,359.47	13,359.47	1,001.96		14,361.43	
1/15/2035	435,776.00	13,359.47	449,135.47	1,001.96		450,137.43	464,498.86
7/15/2035		9,001.71	9,001.71	675.13		9,676.84	
1/15/2036	445,247.00	9,001.71	454,248.71	675.13		454,923.84	464,600.68
7/15/2036		4,549.24	4,549.24	341.19		4,890.43	
1/15/2037	454,924.00	4,549.24	459,473.24	341.19		459,814.43	464,704.87
7/15/2037							
	7,474,691.00	1,639,687.29	9,114,378.29	122,976.55	41,110.80	9,278,465.63	9,278,465.63

Notes:

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Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 20
Massachusetts Water Resources Authority Loan Amortization
DW-15-14

Loan Amount Approved	4,419,689.00	Loan Origination Fee ($5.50/1000)		24,308.29
Principal Forgiveness		Loan Term (in years)		20
Amount to be Financed	4,419,689.00 -	Loan Rate		2.00%
		Closing Date		4/13/2017
		First Interest Payment		7/15/2017
		First Principal Payment		1/15/2018

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
4/13/2017							
7/15/2017		22,589.52	22,589.52	1,694.21	24,308.29	48,592.03	
1/15/2018	178,780.00	44,196.89	222,976.89	3,314.77		226,291.66	274,883.68
7/15/2018		42,409.09	42,409.09	3,180.68		45,589.77	
1/15/2019	182,666.00	42,409.09	225,075.09	3,180.68		228,255.77	273,845.54
7/15/2019		40,582.43	40,582.43	3,043.68		43,626.11	
1/15/2020	186,636.00	40,582.43	227,218.43	3,043.68		230,262.11	273,888.22
7/15/2020		38,716.07	38,716.07	2,903.71		41,619.78	
1/15/2021	190,693.00	38,716.07	229,409.07	2,903.71		232,312.78	273,932.55
7/15/2021		36,809.14	36,809.14	2,760.69		39,569.83	
1/15/2022	194,837.00	36,809.14	231,646.14	2,760.69		234,406.83	273,976.65
7/15/2022		34,860.77	34,860.77	2,614.56		37,475.33	
1/15/2023	199,072.00	34,860.77	233,932.77	2,614.56		236,547.33	274,022.66
7/15/2023		32,870.05	32,870.05	2,465.25		35,335.30	
1/15/2024	203,398.00	32,870.05	236,268.05	2,465.25		238,733.30	274,068.61
7/15/2024		30,836.07	30,836.07	2,312.71		33,148.78	
1/15/2025	207,819.00	30,836.07	238,655.07	2,312.71		240,967.78	274,116.55
7/15/2025		28,757.88	28,757.88	2,156.84		30,914.72	
1/15/2026	212,336.00	28,757.88	241,093.88	2,156.84		243,250.72	274,165.44
7/15/2026		26,634.52	26,634.52	1,997.59		28,632.11	
1/15/2027	216,950.00	26,634.52	243,584.52	1,997.59		245,582.11	274,214.22
7/15/2027		24,465.02	24,465.02	1,834.88		26,299.90	
1/15/2028	221,665.00	24,465.02	246,130.02	1,834.88		247,964.90	274,264.79
7/15/2028		22,248.37	22,248.37	1,668.63		23,917.00	
1/15/2029	226,483.00	22,248.37	248,731.37	1,668.63		250,400.00	274,317.00
7/15/2029		19,983.54	19,983.54	1,498.77		21,482.31	
1/15/2030	231,405.00	19,983.54	251,388.54	1,498.77		252,887.31	274,369.61
7/15/2030		17,669.49	17,669.49	1,325.21		18,994.70	
1/15/2031	236,435.00	17,669.49	254,104.49	1,325.21		255,429.70	274,424.40
7/15/2031		15,305.14	15,305.14	1,147.89		16,453.03	
1/15/2032	241,573.00	15,305.14	256,878.14	1,147.89		258,026.03	274,479.05
7/15/2032		12,889.41	12,889.41	966.71		13,856.12	
1/15/2033	246,824.00	12,889.41	259,713.41	966.71		260,680.12	274,536.23
7/15/2033		10,421.17	10,421.17	781.59		11,202.76	
1/15/2034	252,188.00	10,421.17	262,609.17	781.59		263,390.76	274,593.52
7/15/2034		7,899.29	7,899.29	592.45		8,491.74	
1/15/2035	257,669.00	7,899.29	265,568.29	592.45		266,160.74	274,652.47
7/15/2035		5,322.60	5,322.60	399.20		5,721.80	
1/15/2036	263,269.00	5,322.60	268,591.60	399.20		268,990.80	274,712.59
7/15/2036		2,689.91	2,689.91	201.74		2,891.65	
1/15/2037	268,991.00	2,689.91	271,680.91	201.74		271,882.65	274,774.31
7/15/2037							
	4,419,689.00	969,526.33	5,389,215.33	72,714.47	24,308.29	5,486,238.10	5,486,238.10

Notes:

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Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 20
Massachusetts Water Resources Authority Loan Amortization
DW-15-14

Loan Amount Approved	10,713,039.00		Loan Origination Fee ($5.50/1000)	58,921.71
Principal Forgiveness			Loan Term (in years)	20
Amount to be Financed	10,713,039.00	-	Loan Rate	2.00%
			Closing Date	4/13/2017
			First Interest Payment	7/15/2017
			First Principal Payment	1/15/2018

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
4/13/2017							
7/15/2017		54,755.53	54,755.53	4,106.66	58,921.71	117,783.91	
1/15/2018	433,352.00	107,130.39	540,482.39	8,034.78		548,517.17	666,301.08
7/15/2018		102,796.87	102,796.87	7,709.77		110,506.64	
1/15/2019	442,772.00	102,796.87	545,568.87	7,709.77		553,278.64	663,785.27
7/15/2019		98,369.15	98,369.15	7,377.69		105,746.84	
1/15/2020	452,395.00	98,369.15	550,764.15	7,377.69		558,141.84	663,888.67
7/15/2020		93,845.20	93,845.20	7,038.39		100,883.59	
1/15/2021	462,227.00	93,845.20	556,072.20	7,038.39		563,110.59	663,994.18
7/15/2021		89,222.93	89,222.93	6,691.72		95,914.65	
1/15/2022	472,273.00	89,222.93	561,495.93	6,691.72		568,187.65	664,102.30
7/15/2022		84,500.20	84,500.20	6,337.52		90,837.72	
1/15/2023	482,537.00	84,500.20	567,037.20	6,337.52		573,374.72	664,212.43
7/15/2023		79,674.83	79,674.83	5,975.61		85,650.44	
1/15/2024	493,024.00	79,674.83	572,698.83	5,975.61		578,674.44	664,324.88
7/15/2024		74,744.59	74,744.59	5,605.84		80,350.43	
1/15/2025	503,739.00	74,744.59	578,483.59	5,605.84		584,089.43	664,439.87
7/15/2025		69,707.20	69,707.20	5,228.04		74,935.24	
1/15/2026	514,687.00	69,707.20	584,394.20	5,228.04		589,622.24	664,557.48
7/15/2026		64,560.33	64,560.33	4,842.02		69,402.35	
1/15/2027	525,873.00	64,560.33	590,433.33	4,842.02		595,275.35	664,677.71
7/15/2027		59,301.60	59,301.60	4,447.62		63,749.22	
1/15/2028	537,303.00	59,301.60	596,604.60	4,447.62		601,052.22	664,801.44
7/15/2028		53,928.57	53,928.57	4,044.64		57,973.21	
1/15/2029	548,980.00	53,928.57	602,908.57	4,044.64		606,953.21	664,926.43
7/15/2029		48,438.77	48,438.77	3,632.91		52,071.68	
1/15/2030	560,911.00	48,438.77	609,349.77	3,632.91		612,982.68	665,054.36
7/15/2030		42,829.66	42,829.66	3,212.22		46,041.88	
1/15/2031	573,102.00	42,829.66	615,931.66	3,212.22		619,143.88	665,185.77
7/15/2031		37,098.64	37,098.64	2,782.40		39,881.04	
1/15/2032	585,558.00	37,098.64	622,656.64	2,782.40		625,439.04	665,320.08
7/15/2032		31,243.06	31,243.06	2,343.23		33,586.29	
1/15/2033	598,284.00	31,243.06	629,527.06	2,343.23		631,870.29	665,456.58
7/15/2033		25,260.22	25,260.22	1,894.52		27,154.74	
1/15/2034	611,287.00	25,260.22	636,547.22	1,894.52		638,441.74	665,596.47
7/15/2034		19,147.35	19,147.35	1,436.05		20,583.40	
1/15/2035	624,572.00	19,147.35	643,719.35	1,436.05		645,155.40	665,738.80
7/15/2035		12,901.63	12,901.63	967.62		13,869.25	
1/15/2036	638,147.00	12,901.63	651,048.63	967.62		652,016.25	665,885.50
7/15/2036		6,520.16	6,520.16	489.01		7,009.17	
1/15/2037	652,016.00	6,520.16	658,536.16	489.01		659,025.17	666,034.34
7/15/2037							
	10,713,039.00	2,350,067.84	13,063,106.84	176,255.09	58,921.71	13,298,283.65	13,298,283.65

Notes:

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Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
MWRA Program Bonds, Series 2002A
Quincy Pump Station
CW-00-07-B
Final Structuring Analysis

CW-00-07-B

SCHEDULE C

Grant Equivalency: 45.48%

Schedule of Payments

Initial Principal Amount: $4,895,303.00

Date	Schedule of payments Principal	Interest	Total	Subsidy Amounts Equity Earnings	Contract Assistance Payments	Total	Net Payments Principal	Interest	Total
31-Oct-02									
1-Feb-03	$0.00	$60,402.05	$60,402.05	$22,831.46	$5,126.74	$27,958.20	$0.00	$32,443.85	$32,443.85
1-Aug-03	99,620.00	120,804.10	220,424.10	45,161.13	90,200.35	135,361.48	85,062.62	-	85,062.62
1-Feb-04	-	119,309.80	119,309.80	44,242.09	5,126.74	49,368.83	-	69,940.97	69,940.97
1-Aug-04	101,904.00	119,309.80	221,213.80	44,242.09	90,200.35	134,442.44	86,771.36	-	86,771.36
1-Feb-05	-	116,762.20	116,762.20	43,301.99	5,126.74	48,428.73	-	68,333.47	68,333.47
1-Aug-05	105,339.00	116,762.20	222,101.20	43,301.99	90,200.35	133,502.34	88,598.86	-	88,598.86
1-Feb-06	-	114,128.72	114,128.72	42,330.19	5,126.74	47,456.93	-	66,671.79	66,671.79
1-Aug-06	108,338.00	114,128.72	222,466.72	42,330.19	90,200.35	132,530.54	89,936.18	-	89,936.18
1-Feb-07	-	111,961.96	111,961.96	41,330.73	5,126.74	46,457.47	-	65,504.49	65,504.49
1-Aug-07	111,437.00	111,961.96	223,398.96	41,330.73	90,200.35	131,531.08	91,867.88	-	91,867.88
1-Feb-08	-	109,176.04	109,176.04	40,302.68	5,126.74	45,429.42	-	63,746.62	63,746.62
1-Aug-08	115,193.00	109,176.04	224,369.04	40,302.68	90,200.35	130,503.03	93,866.01	-	93,866.01
1-Feb-09	-	106,296.21	106,296.21	39,239.98	5,126.74	44,366.72	-	61,929.49	61,929.49
1-Aug-09	119,075.00	106,296.21	225,371.21	39,239.98	90,200.35	129,440.33	95,930.88	-	95,930.88
1-Feb-10	-	103,319.34	103,319.34	38,141.47	5,126.74	43,268.21	-	60,051.13	60,051.13
1-Aug-10	122,154.00	103,319.34	225,473.34	38,141.47	90,200.35	128,341.82	97,131.52	-	97,131.52
1-Feb-11	-	101,181.64	101,181.64	37,014.55	5,126.74	42,141.29	-	59,040.35	59,040.35
1-Aug-11	124,463.00	101,181.64	225,644.64	37,014.55	90,200.35	127,214.90	98,429.74	-	98,429.74
1-Feb-12	-	98,925.75	98,925.75	35,866.33	5,126.74	40,993.07	-	57,932.68	57,932.68
1-Aug-12	127,780.00	98,925.75	226,705.75	35,866.33	90,200.35	126,066.68	100,639.07	-	100,639.07
1-Feb-13	-	95,731.25	95,731.25	34,687.50	5,126.74	39,814.24	-	55,917.01	55,917.01
1-Aug-13	135,000.00	95,731.25	230,731.25	34,687.50	90,200.35	124,887.85	105,843.40	-	105,843.40
1-Feb-14	-	92,187.50	92,187.50	33,442.08	5,126.74	38,568.82	-	53,618.68	53,618.68
1-Aug-14	135,000.00	92,187.50	227,187.50	33,442.08	90,200.35	123,642.43	103,545.07	-	103,545.07
1-Feb-15	-	88,643.75	88,643.75	32,196.65	5,126.74	37,323.39	-	51,320.36	51,320.36
1-Aug-15	140,000.00	88,643.75	228,643.75	32,196.65	90,200.35	122,397.00	106,246.75	-	106,246.75
1-Feb-16	-	84,968.75	84,968.75	30,905.09	5,126.74	36,031.83	-	48,936.92	48,936.92
1-Aug-16	150,000.00	84,968.75	234,968.75	30,905.09	90,200.35	121,105.44	113,863.31	-	113,863.31
1-Feb-17	-	81,031.25	81,031.25	29,521.28	5,126.74	34,648.02	-	46,383.23	46,383.23
1-Aug-17	155,000.00	81,031.25	236,031.25	29,521.28	90,200.35	119,721.63	116,309.62	-	116,309.62
1-Feb-18	-	76,962.50	76,962.50	28,091.34	5,126.74	33,218.08	-	43,744.42	43,744.42
1-Aug-18	160,000.00	76,962.50	236,962.50	28,091.34	90,200.35	118,291.69	118,670.81	-	118,670.81
1-Feb-19	-	72,762.50	72,762.50	26,615.28	5,126.74	31,742.02	-	41,020.48	41,020.48
1-Aug-19	165,000.00	72,762.50	237,762.50	26,615.28	90,200.35	116,815.63	120,946.87	-	120,946.87
1-Feb-20	-	68,431.25	68,431.25	25,093.09	5,126.74	30,219.83	-	38,211.42	38,211.42
1-Aug-20	170,000.00	68,431.25	238,431.25	25,093.09	90,200.35	115,293.44	123,137.81	-	123,137.81
1-Feb-21	-	63,968.75	63,968.75	23,524.77	5,126.74	28,651.51	-	35,317.24	35,317.24
1-Aug-21	175,000.00	63,968.75	238,968.75	23,524.77	90,200.35	113,725.12	125,243.63	-	125,243.63
1-Feb-22	-	59,375.00	59,375.00	21,910.33	5,126.74	27,037.07	-	32,337.93	32,337.93
1-Aug-22	180,000.00	59,375.00	239,375.00	21,910.33	90,200.35	112,110.68	127,264.32	-	127,264.32
1-Feb-23	-	54,875.00	54,875.00	20,249.75	-	20,249.75	-	34,625.25	34,625.25
1-Aug-23	190,000.00	54,875.00	244,875.00	20,249.75	-	20,249.75	190,000.00	34,625.25	224,625.25
1-Feb-24	-	50,125.00	50,125.00	18,496.93	-	18,496.93	-	31,628.07	31,628.07
1-Aug-24	195,000.00	50,125.00	245,125.00	18,496.93	-	18,496.93	195,000.00	31,628.07	226,628.07
1-Feb-25	-	45,250.00	45,250.00	16,697.97	-	16,697.97	-	28,552.03	28,552.03
1-Aug-25	200,000.00	45,250.00	245,250.00	16,697.97	-	16,697.97	200,000.00	28,552.03	228,552.03
1-Feb-26	-	40,250.00	40,250.00	14,852.89	-	14,852.89	-	25,397.11	25,397.11
1-Aug-26	210,000.00	40,250.00	250,250.00	14,852.89	-	14,852.89	210,000.00	25,397.11	235,397.11
1-Feb-27	-	35,000.00	35,000.00	12,915.56	-	12,915.56	-	22,084.44	22,084.44
1-Aug-27	215,000.00	35,000.00	250,000.00	12,915.56	-	12,915.56	215,000.00	22,084.44	237,084.44
1-Feb-28	-	29,625.00	29,625.00	10,932.10	-	10,932.10	-	18,692.90	18,692.90
1-Aug-28	220,000.00	29,625.00	249,625.00	10,932.10	-	10,932.10	220,000.00	18,692.90	238,692.90
1-Feb-29	-	24,125.00	24,125.00	8,902.51	-	8,902.51	-	15,222.49	15,222.49
1-Aug-29	230,000.00	24,125.00	254,125.00	8,902.51	-	8,902.51	230,000.00	15,222.49	245,222.49
1-Feb-30	-	18,375.00	18,375.00	6,780.67	-	6,780.67	-	11,594.33	11,594.33
1-Aug-30	240,000.00	18,375.00	258,375.00	6,780.67	-	6,780.67	240,000.00	11,594.33	251,594.33
1-Feb-31	-	12,375.00	12,375.00	4,566.57	-	4,566.57	-	7,808.43	7,808.43
1-Aug-31	245,000.00	12,375.00	257,375.00	4,566.57	-	4,566.57	245,000.00	7,808.43	252,808.43
1-Feb-32	-	6,250.00	6,250.00	2,306.35	-	2,306.35	-	3,943.65	3,943.65
1-Aug-32	250,000.00	6,250.00	256,250.00	2,306.35	-	2,306.35	250,000.00	3,943.65	253,943.65
1-Feb-33	-	-	-	-	-	-	-	-	-
1-Aug-33	-	-	-	-	-	-	-	-	-
	$4,895,303.00	$4,343,954.47	$9,239,257.47	$1,596,910.03	$1,906,541.80	$3,503,451.83	$4,284,305.71	$1,451,499.93	$5,735,805.64

CW-01-07-B

B

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
MWPAT Program Bonds, Series 2002A
Braintree / Weymouth
CW-01-07-B
Final Structuring Analysis

SCHEDULE C

Grant Equivalency: 45.48%

Schedule of Payments

Initial Principal Amount: $3,209,816.00

Date	Schedule of payments Principal	Interest	Total	Subsidy Amounts Equity Earnings	Contract Assistance Payments	Total	Net Payments Principal	Interest	Total
31-Oct-02									
1-Feb-03	$0.00	$39,602.68	$39,602.68	$14,970.43	$3,391.54	$18,361.97	$0.00	$21,240.71	$21,240.71
1-Aug-03	65,325.00	79,205.37	144,530.37	29,611.84	59,113.06	88,724.90	55,805.47	-	55,805.47
1-Feb-04	-	78,225.49	78,225.49	29,009.19	3,391.54	32,400.73	-	45,824.76	45,824.76
1-Aug-04	66,828.00	78,225.49	145,053.49	29,009.19	59,113.06	88,122.25	56,931.24	-	56,931.24
1-Feb-05	-	76,554.79	76,554.79	28,392.67	3,391.54	31,784.21	-	44,770.58	44,770.58
1-Aug-05	69,090.00	76,554.79	145,644.79	28,392.67	59,113.06	87,505.73	58,139.06	-	58,139.06
1-Feb-06	-	74,827.54	74,827.54	27,755.29	3,391.54	31,146.83	-	43,680.71	43,680.71
1-Aug-06	71,063.00	74,827.54	145,890.54	27,755.29	59,113.06	86,868.35	59,022.19	-	59,022.19
1-Feb-07	-	73,406.28	73,406.28	27,099.70	3,391.54	30,491.24	-	42,915.04	42,915.04
1-Aug-07	73,103.00	73,406.28	146,509.28	27,099.70	59,113.06	86,212.76	60,296.52	-	60,296.52
1-Feb-08	-	71,578.71	71,578.71	26,425.30	3,391.54	29,816.84	-	41,761.87	41,761.87
1-Aug-08	75,576.00	71,578.71	147,154.71	26,425.30	59,113.06	85,538.36	61,616.35	-	61,616.35
1-Feb-09	-	69,689.31	69,689.31	25,728.08	3,391.54	29,119.62	-	40,569.69	40,569.69
1-Aug-09	78,131.00	69,689.31	147,820.31	25,728.08	59,113.06	84,841.14	62,979.17	-	62,979.17
1-Feb-10	-	67,736.03	67,736.03	25,007.29	3,391.54	28,398.83	-	39,337.20	39,337.20
1-Aug-10	80,158.00	67,736.03	147,894.03	25,007.29	59,113.06	84,120.35	63,773.68	-	63,773.68
1-Feb-11	-	66,333.27	66,333.27	24,267.80	3,391.54	27,659.34	-	38,673.93	38,673.93
1-Aug-11	81,678.00	66,333.27	148,011.27	24,267.80	59,113.06	83,380.86	64,630.41	-	64,630.41
1-Feb-12	-	64,852.85	64,852.85	23,514.29	3,391.54	26,905.83	-	37,947.02	37,947.02
1-Aug-12	83,864.00	64,852.85	148,716.85	23,514.29	59,113.06	82,627.35	66,089.50	-	66,089.50
1-Feb-13	-	62,756.25	62,756.25	22,740.61	3,391.54	26,132.15	-	36,624.10	36,624.10
1-Aug-13	85,000.00	62,756.25	147,756.25	22,740.61	59,113.06	81,853.67	65,902.58	-	65,902.58
1-Feb-14	-	60,525.00	60,525.00	21,956.45	3,391.54	25,347.99	-	35,177.01	35,177.01
1-Aug-14	90,000.00	60,525.00	150,525.00	21,956.45	59,113.06	81,069.51	69,455.49	-	69,455.49
1-Feb-15	-	58,162.50	58,162.50	21,126.17	3,391.54	24,517.71	-	33,644.79	33,644.79
1-Aug-15	95,000.00	58,162.50	153,162.50	21,126.17	59,113.06	80,239.23	72,923.27	-	72,923.27
1-Feb-16	-	55,668.75	55,668.75	20,249.75	3,391.54	23,641.29	-	32,027.46	32,027.46
1-Aug-16	95,000.00	55,668.75	150,668.75	20,249.75	59,113.06	79,362.81	71,305.94	-	71,305.94
1-Feb-17	-	53,175.00	53,175.00	19,373.34	3,391.54	22,764.88	-	30,410.12	30,410.12
1-Aug-17	100,000.00	53,175.00	153,175.00	19,373.34	59,113.06	78,486.40	74,688.60	-	74,688.60
1-Feb-18	-	50,550.00	50,550.00	18,450.80	3,391.54	21,842.34	-	28,707.66	28,707.66
1-Aug-18	105,000.00	50,550.00	155,550.00	18,450.80	59,113.06	77,563.86	77,986.14	-	77,986.14
1-Feb-19	-	47,793.75	47,793.75	17,482.13	3,391.54	20,873.67	-	26,920.08	26,920.08
1-Aug-19	110,000.00	47,793.75	157,793.75	17,482.13	59,113.06	76,595.19	81,198.56	-	81,198.56
1-Feb-20	-	44,906.25	44,906.25	16,467.34	3,391.54	19,858.88	-	25,047.37	25,047.37
1-Aug-20	110,000.00	44,906.25	154,906.25	16,467.34	59,113.06	75,580.40	79,325.85	-	79,325.85
1-Feb-21	-	42,018.75	42,018.75	15,452.55	3,391.54	18,844.09	-	23,174.66	23,174.66
1-Aug-21	115,000.00	42,018.75	157,018.75	15,452.55	59,113.06	74,565.61	82,453.14	-	82,453.14
1-Feb-22	-	39,000.00	39,000.00	14,391.62	3,391.54	17,783.16	-	21,216.84	21,216.84
1-Aug-22	120,000.00	39,000.00	159,000.00	14,391.62	59,113.06	73,504.68	85,495.32	-	85,495.32
1-Feb-23	-	36,000.00	36,000.00	13,284.58	-	13,284.58	-	22,715.42	22,715.42
1-Aug-23	125,000.00	36,000.00	161,000.00	13,284.58	-	13,284.58	125,000.00	22,715.42	147,715.42
1-Feb-24	-	32,875.00	32,875.00	12,131.40	-	12,131.40	-	20,743.60	20,743.60
1-Aug-24	130,000.00	32,875.00	162,875.00	12,131.40	-	12,131.40	130,000.00	20,743.60	150,743.60
1-Feb-25	-	29,625.00	29,625.00	10,932.10	-	10,932.10	-	18,692.90	18,692.90
1-Aug-25	135,000.00	29,625.00	164,625.00	10,932.10	-	10,932.10	135,000.00	18,692.90	153,692.90
1-Feb-26	-	26,250.00	26,250.00	9,686.67	-	9,686.67	-	16,563.33	16,563.33
1-Aug-26	135,000.00	26,250.00	161,250.00	9,686.67	-	9,686.67	135,000.00	16,563.33	151,563.33
1-Feb-27	-	22,875.00	22,875.00	8,441.24	-	8,441.24	-	14,433.76	14,433.76
1-Aug-27	140,000.00	22,875.00	162,875.00	8,441.24	-	8,441.24	140,000.00	14,433.76	154,433.76
1-Feb-28	-	19,375.00	19,375.00	7,149.69	-	7,149.69	-	12,225.31	12,225.31
1-Aug-28	145,000.00	19,375.00	164,375.00	7,149.69	-	7,149.69	145,000.00	12,225.31	157,225.31
1-Feb-29	-	15,750.00	15,750.00	5,812.00	-	5,812.00	-	9,938.00	9,938.00
1-Aug-29	150,000.00	15,750.00	165,750.00	5,812.00	-	5,812.00	150,000.00	9,938.00	159,938.00
1-Feb-30	-	12,000.00	12,000.00	4,428.19	-	4,428.19	-	7,571.81	7,571.81
1-Aug-30	155,000.00	12,000.00	167,000.00	4,428.19	-	4,428.19	155,000.00	7,571.81	162,571.81
1-Feb-31	-	8,125.00	8,125.00	2,998.26	-	2,998.26	-	5,126.74	5,126.74
1-Aug-31	160,000.00	8,125.00	168,125.00	2,998.26	-	2,998.26	160,000.00	5,126.74	165,126.74
1-Feb-32	-	4,125.00	4,125.00	1,522.19	-	1,522.19	-	2,602.81	2,602.81
1-Aug-32	165,000.00	4,125.00	169,125.00	1,522.19	-	1,522.19	165,000.00	2,602.81	167,602.81
1-Feb-33	-	-	-	-	-	-	-	-	-
1-Aug-33	-	-	-	-	-	-	-	-	-
	$3,209,816.00	$2,848,329.09	$6,058,145.09	$1,047,135.65	$1,250,092.00	$2,297,227.65	$2,810,018.48	$950,898.96	$3,760,917.44

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
MWRA Program Bonds, Series 2002A
CSO Construction
CW-01-19
Final Structuring Analysis

CW-01-19

SCHEDULE C

Grant Equivalency: 45.48%

Schedule of Payments

Initial Principal Amount: $4,914,625.00

Date	Schedule of payments Principal	Interest	Total	Subsidy Amounts Equity Earnings	Contract Assistance Payments	Total	Net Payments Principal	Interest	Total
31-Oct-02									
1-Feb-03	$0.00	$60,640.36	$60,640.36	$22,921.58	$5,126.74	$28,048.32	$0.00	$32,592.04	$32,592.04
1-Aug-03	100,039.00	121,280.73	221,319.73	45,339.38	90,577.09	135,916.47	85,403.26	-	85,403.26
1-Feb-04	-	119,780.14	119,780.14	44,416.48	5,126.74	49,543.22	-	70,236.92	70,236.92
1-Aug-04	102,324.00	119,780.14	222,104.14	44,416.48	90,577.09	134,993.57	87,110.57	-	87,110.57
1-Feb-05	-	117,222.04	117,222.04	43,472.50	5,126.74	48,599.24	-	68,622.80	68,622.80
1-Aug-05	105,763.00	117,222.04	222,985.04	43,472.50	90,577.09	134,049.59	88,935.45	-	88,935.45
1-Feb-06	-	114,577.97	114,577.97	42,496.80	5,126.74	47,623.54	-	66,954.43	66,954.43
1-Aug-06	108,765.00	114,577.97	223,342.97	42,496.80	90,577.09	133,073.89	90,269.08	-	90,269.08
1-Feb-07	-	112,402.67	112,402.67	41,493.40	5,126.74	46,620.14	-	65,782.53	65,782.53
1-Aug-07	111,867.00	112,402.67	224,269.67	41,493.40	90,577.09	132,070.49	92,199.18	-	92,199.18
1-Feb-08	-	109,605.99	109,605.99	40,461.38	5,126.74	45,588.12	-	64,017.87	64,017.87
1-Aug-08	115,627.00	109,605.99	225,232.99	40,461.38	90,577.09	131,038.47	94,194.52	-	94,194.52
1-Feb-09	-	106,715.32	106,715.32	39,394.67	5,126.74	44,521.41	-	62,193.91	62,193.91
1-Aug-09	119,512.00	106,715.32	226,227.32	39,394.67	90,577.09	129,971.76	96,255.56	-	96,255.56
1-Feb-10	-	103,727.52	103,727.52	38,292.13	5,126.74	43,418.87	-	60,308.65	60,308.65
1-Aug-10	122,594.00	103,727.52	226,321.52	38,292.13	90,577.09	128,869.22	97,452.30	-	97,452.30
1-Feb-11	-	101,582.12	101,582.12	37,161.15	5,126.74	42,287.89	-	59,294.23	59,294.23
1-Aug-11	124,906.00	101,582.12	226,488.12	37,161.15	90,577.09	127,738.24	98,749.88	-	98,749.88
1-Feb-12	-	99,318.20	99,318.20	36,008.84	5,126.74	41,135.58	-	58,182.62	58,182.62
1-Aug-12	128,228.00	99,318.20	227,546.20	36,008.84	90,577.09	126,585.93	100,960.27	-	100,960.27
1-Feb-13	-	96,112.50	96,112.50	34,825.89	5,126.74	39,952.63	-	56,159.87	56,159.87
1-Aug-13	135,000.00	96,112.50	231,112.50	34,825.89	90,577.09	125,402.98	105,709.52	-	105,709.52
1-Feb-14	-	92,568.75	92,568.75	33,580.46	5,126.74	38,707.20	-	53,861.55	53,861.55
1-Aug-14	140,000.00	92,568.75	232,568.75	33,580.46	90,577.09	124,157.55	108,411.20	-	108,411.20
1-Feb-15	-	88,893.75	88,893.75	32,288.90	5,126.74	37,415.64	-	51,478.11	51,478.11
1-Aug-15	140,000.00	88,893.75	228,893.75	32,288.90	90,577.09	122,865.99	106,027.76	-	106,027.76
1-Feb-16	-	85,218.75	85,218.75	30,997.34	5,126.74	36,124.08	-	49,094.67	49,094.67
1-Aug-16	150,000.00	85,218.75	235,218.75	30,997.34	90,577.09	121,574.43	113,644.32	-	113,644.32
1-Feb-17	-	81,281.25	81,281.25	29,613.53	5,126.74	34,740.27	-	46,540.98	46,540.98
1-Aug-17	155,000.00	81,281.25	236,281.25	29,613.53	90,577.09	120,190.62	116,090.63	-	116,090.63
1-Feb-18	-	77,212.50	77,212.50	28,183.60	5,126.74	33,310.34	-	43,902.16	43,902.16
1-Aug-18	160,000.00	77,212.50	237,212.50	28,183.60	90,577.09	118,760.69	118,451.81	-	118,451.81
1-Feb-19	-	73,012.50	73,012.50	26,707.53	5,126.74	31,834.27	-	41,178.23	41,178.23
1-Aug-19	165,000.00	73,012.50	238,012.50	26,707.53	90,577.09	117,284.62	120,727.88	-	120,727.88
1-Feb-20	-	68,681.25	68,681.25	25,185.34	5,126.74	30,312.08	-	38,369.17	38,369.17
1-Aug-20	170,000.00	68,681.25	238,681.25	25,185.34	90,577.09	115,762.43	122,918.82	-	122,918.82
1-Feb-21	-	64,218.75	64,218.75	23,617.02	5,126.74	28,743.76	-	35,474.99	35,474.99
1-Aug-21	175,000.00	64,218.75	239,218.75	23,617.02	90,577.09	114,194.11	125,024.64	-	125,024.64
1-Feb-22	-	59,625.00	59,625.00	22,002.58	5,126.74	27,129.32	-	32,495.68	32,495.68
1-Aug-22	185,000.00	59,625.00	244,625.00	22,002.58	90,577.09	112,579.67	132,045.33	-	132,045.33
1-Feb-23	-	55,000.00	55,000.00	20,295.88	-	20,295.88	-	34,704.12	34,704.12
1-Aug-23	190,000.00	55,000.00	245,000.00	20,295.88	-	20,295.88	190,000.00	34,704.12	224,704.12
1-Feb-24	-	50,250.00	50,250.00	18,543.05	-	18,543.05	-	31,706.95	31,706.95
1-Aug-24	195,000.00	50,250.00	245,250.00	18,543.05	-	18,543.05	195,000.00	31,706.95	226,706.95
1-Feb-25	-	45,375.00	45,375.00	16,744.10	-	16,744.10	-	28,630.90	28,630.90
1-Aug-25	200,000.00	45,375.00	245,375.00	16,744.10	-	16,744.10	200,000.00	28,630.90	228,630.90
1-Feb-26	-	40,375.00	40,375.00	14,899.02	-	14,899.02	-	25,475.98	25,475.98
1-Aug-26	210,000.00	40,375.00	250,375.00	14,899.02	-	14,899.02	210,000.00	25,475.98	235,475.98
1-Feb-27	-	35,125.00	35,125.00	12,961.69	-	12,961.69	-	22,163.31	22,163.31
1-Aug-27	215,000.00	35,125.00	250,125.00	12,961.69	-	12,961.69	215,000.00	22,163.31	237,163.31
1-Feb-28	-	29,750.00	29,750.00	10,978.23	-	10,978.23	-	18,771.77	18,771.77
1-Aug-28	225,000.00	29,750.00	254,750.00	10,978.23	-	10,978.23	225,000.00	18,771.77	243,771.77
1-Feb-29	-	24,125.00	24,125.00	8,902.51	-	8,902.51	-	15,222.49	15,222.49
1-Aug-29	230,000.00	24,125.00	254,125.00	8,902.51	-	8,902.51	230,000.00	15,222.49	245,222.49
1-Feb-30	-	18,375.00	18,375.00	6,780.67	-	6,780.67	-	11,594.33	11,594.33
1-Aug-30	240,000.00	18,375.00	258,375.00	6,780.67	-	6,780.67	240,000.00	11,594.33	251,594.33
1-Feb-31	-	12,375.00	12,375.00	4,566.57	-	4,566.57	-	7,808.43	7,808.43
1-Aug-31	245,000.00	12,375.00	257,375.00	4,566.57	-	4,566.57	245,000.00	7,808.43	252,808.43
1-Feb-32	-	6,250.00	6,250.00	2,306.35	-	2,306.35	-	3,943.65	3,943.65
1-Aug-32	250,000.00	6,250.00	256,250.00	2,306.35	-	2,306.35	250,000.00	3,943.65	253,943.65
1-Feb-33	-	-	-	-	-	-	-	-	-
1-Aug-33	-	-	-	-	-	-	-	-	-
	$4,914,625.00	$4,359,435.03	$9,274,060.03	$1,602,616.18	$1,914,076.60	$3,516,692.78	$4,300,581.98	$1,456,785.27	$5,757,367.25

SCHEDULE C

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
MWRA Program Bonds, Series 2002A
CSO Construction
CW-02-02
Final Structuring Analysis

CW-02-02

Grant Equivalency: 45.49%

Schedule of Payments

Initial Principal Amount: $6,140,978.00

Date	Schedule of payments Principal	Interest	Total	Subsidy Amounts Equity Earnings	Contract Assistance Payments	Total	Net Payments Principal	Interest	Total
31-Oct-02									
1-Feb-03	$0.00	$75,764.88	$75,764.88	$28,641.23	$6,467.59	$35,108.82	$0.00	$40,656.06	$40,656.06
1-Aug-03	125,167.00	151,529.76	276,696.76	56,652.98	113,115.90	169,768.88	106,927.88	-	106,927.88
1-Feb-04	-	149,652.25	149,652.25	55,498.26	6,467.59	61,965.85	-	87,686.40	87,686.40
1-Aug-04	128,028.00	149,652.25	277,680.25	55,498.26	113,115.90	168,614.16	109,066.09	-	109,066.09
1-Feb-05	-	146,451.55	146,451.55	54,317.15	6,467.59	60,784.74	-	85,666.81	85,666.81
1-Aug-05	132,334.00	146,451.55	278,785.55	54,317.15	113,115.90	167,433.05	111,352.50	-	111,352.50
1-Feb-06	-	143,143.20	143,143.20	53,096.32	6,467.59	59,563.91	-	83,579.29	83,579.29
1-Aug-06	136,091.00	143,143.20	279,234.20	53,096.32	113,115.90	166,212.22	113,021.98	-	113,021.98
1-Feb-07	-	140,421.38	140,421.38	51,840.83	6,467.59	58,308.42	-	82,112.96	82,112.96
1-Aug-07	139,975.00	140,421.38	280,396.38	51,840.83	113,115.90	164,956.73	115,439.65	-	115,439.65
1-Feb-08	-	136,922.01	136,922.01	50,549.50	6,467.59	57,017.09	-	79,904.92	79,904.92
1-Aug-08	144,681.00	136,922.01	281,603.01	50,549.50	113,115.90	163,665.40	117,937.61	-	117,937.61
1-Feb-09	-	133,304.98	133,304.98	49,214.76	6,467.59	55,682.35	-	77,622.63	77,622.63
1-Aug-09	149,546.00	133,304.98	282,850.98	49,214.76	113,115.90	162,330.66	120,520.32	-	120,520.32
1-Feb-10	-	129,566.33	129,566.33	47,835.14	6,467.59	54,302.73	-	75,263.60	75,263.60
1-Aug-10	153,403.00	129,566.33	282,969.33	47,835.14	113,115.90	160,951.04	122,018.29	-	122,018.29
1-Feb-11	-	126,881.78	126,881.78	46,419.93	6,467.59	52,887.52	-	73,994.26	73,994.26
1-Aug-11	156,298.00	126,881.78	283,179.78	46,419.93	113,115.90	159,535.83	123,643.95	-	123,643.95
1-Feb-12	-	124,048.88	124,048.88	44,978.02	6,467.59	51,445.61	-	72,603.27	72,603.27
1-Aug-12	160,455.00	124,048.88	284,503.88	44,978.02	113,115.90	158,093.92	126,409.96	-	126,409.96
1-Feb-13	-	120,037.50	120,037.50	43,497.76	6,467.59	49,965.35	-	70,072.15	70,072.15
1-Aug-13	165,000.00	120,037.50	285,037.50	43,497.76	113,115.90	156,613.66	128,423.84	-	128,423.84
1-Feb-14	-	115,706.25	115,706.25	41,975.57	6,467.59	48,443.16	-	67,263.09	67,263.09
1-Aug-14	170,000.00	115,706.25	285,706.25	41,975.57	113,115.90	155,091.47	130,614.78	-	130,614.78
1-Feb-15	-	111,243.75	111,243.75	40,407.25	6,467.59	46,874.84	-	64,368.91	64,368.91
1-Aug-15	180,000.00	111,243.75	291,243.75	40,407.25	113,115.90	153,523.15	137,720.60	-	137,720.60
1-Feb-16	-	106,518.75	106,518.75	38,746.68	6,467.59	45,214.27	-	61,304.48	61,304.48
1-Aug-16	185,000.00	106,518.75	291,518.75	38,746.68	113,115.90	151,862.58	139,656.17	-	139,656.17
1-Feb-17	-	101,662.50	101,662.50	37,039.98	6,467.59	43,507.57	-	58,154.93	58,154.93
1-Aug-17	190,000.00	101,662.50	291,662.50	37,039.98	113,115.90	150,155.88	141,506.62	-	141,506.62
1-Feb-18	-	96,675.00	96,675.00	35,287.16	6,467.59	41,754.75	-	54,920.25	54,920.25
1-Aug-18	200,000.00	96,675.00	296,675.00	35,287.16	113,115.90	148,403.06	148,271.94	-	148,271.94
1-Feb-19	-	91,425.00	91,425.00	33,442.08	6,467.59	39,909.67	-	51,515.33	51,515.33
1-Aug-19	205,000.00	91,425.00	296,425.00	33,442.08	113,115.90	146,557.98	149,867.02	-	149,867.02
1-Feb-20	-	86,043.75	86,043.75	31,550.87	6,467.59	38,018.46	-	48,025.29	48,025.29
1-Aug-20	215,000.00	86,043.75	301,043.75	31,550.87	113,115.90	144,666.77	156,376.98	-	156,376.98
1-Feb-21	-	80,400.00	80,400.00	29,567.41	6,467.59	36,035.00	-	44,365.00	44,365.00
1-Aug-21	220,000.00	80,400.00	300,400.00	29,567.41	113,115.90	142,683.31	157,716.69	-	157,716.69
1-Feb-22	-	74,625.00	74,625.00	27,537.82	6,467.59	34,005.41	-	40,619.59	40,619.59
1-Aug-22	230,000.00	74,625.00	304,625.00	27,537.82	113,115.90	140,653.72	163,971.28	-	163,971.28
1-Feb-23	-	68,875.00	68,875.00	25,415.98	-	25,415.98	-	43,459.02	43,459.02
1-Aug-23	235,000.00	68,875.00	303,875.00	25,415.98	-	25,415.98	235,000.00	43,459.02	278,459.02
1-Feb-24	-	63,000.00	63,000.00	23,248.01	-	23,248.01	-	39,751.99	39,751.99
1-Aug-24	245,000.00	63,000.00	308,000.00	23,248.01	-	23,248.01	245,000.00	39,751.99	284,751.99
1-Feb-25	-	56,875.00	56,875.00	20,987.79	-	20,987.79	-	35,887.21	35,887.21
1-Aug-25	250,000.00	56,875.00	306,875.00	20,987.79	-	20,987.79	250,000.00	35,887.21	285,887.21
1-Feb-26	-	50,625.00	50,625.00	18,681.44	-	18,681.44	-	31,943.56	31,943.56
1-Aug-26	260,000.00	50,625.00	310,625.00	18,681.44	-	18,681.44	260,000.00	31,943.56	291,943.56
1-Feb-27	-	44,125.00	44,125.00	16,282.83	-	16,282.83	-	27,842.17	27,842.17
1-Aug-27	270,000.00	44,125.00	314,125.00	16,282.83	-	16,282.83	270,000.00	27,842.17	297,842.17
1-Feb-28	-	37,375.00	37,375.00	13,791.97	-	13,791.97	-	23,583.03	23,583.03
1-Aug-28	280,000.00	37,375.00	317,375.00	13,791.97	-	13,791.97	280,000.00	23,583.03	303,583.03
1-Feb-29	-	30,375.00	30,375.00	11,208.86	-	11,208.86	-	19,166.14	19,166.14
1-Aug-29	290,000.00	30,375.00	320,375.00	11,208.86	-	11,208.86	290,000.00	19,166.14	309,166.14
1-Feb-30	-	23,125.00	23,125.00	8,533.50	-	8,533.50	-	14,591.50	14,591.50
1-Aug-30	300,000.00	23,125.00	323,125.00	8,533.50	-	8,533.50	300,000.00	14,591.50	314,591.50
1-Feb-31	-	15,625.00	15,625.00	5,765.88	-	5,765.88	-	9,859.12	9,859.12
1-Aug-31	310,000.00	15,625.00	325,625.00	5,765.88	-	5,765.88	310,000.00	9,859.12	319,859.12
1-Feb-32	-	7,875.00	7,875.00	2,906.00	-	2,906.00	-	4,969.00	4,969.00
1-Aug-32	315,000.00	7,875.00	322,875.00	2,906.00	-	2,906.00	315,000.00	4,969.00	319,969.00
1-Feb-33	-	-	-	-	-	-	-	-	-
1-Aug-33	-	-	-	-	-	-	-	-	-
	$6,140,978.00	$5,452,504.36	$11,593,482.36	$2,004,543.71	$2,391,669.80	$4,396,213.51	$5,375,464.15	$1,821,804.70	$7,197,268.85

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
MWRA Program Bonds, Series 2002A
Braintree / Weymouth
CW-02-03
Final Structuring Analysis

Grant Equivalency: 45.48%

Schedule of Payments

Initial Principal Amount: $8,812,181.00

Date	Schedule of payments Principal	Interest	Total	Subsidy Amounts Equity Earnings	Contract Assistance Payments	Total	Net Payments Principal	Interest	Total
31-Oct-02									
01-Feb-03	$0.00	$108,718.19	$108,718.19	$41,099.59	$9,228.14	50,327.73	$0.00	$58,390.46	$58,390.46
01-Aug-03	179,661.00	217,436.39	397,097.39	81,295.89	162,373.02	243,668.91	153,428.48	0.00	153,428.48
01-Feb-04	0.00	214,741.48	214,741.48	79,638.45	9,228.14	88,866.59	0.00	125,874.89	125,874.89
01-Aug-04	183,774.00	214,741.48	398,515.48	79,638.45	162,373.02	242,011.47	156,504.01	0.00	156,504.01
01-Feb-05	0.00	210,147.13	210,147.13	77,943.06	9,228.14	87,171.20	0.00	122,975.93	122,975.93
01-Aug-05	189,963.00	210,147.13	400,110.13	77,943.06	162,373.02	240,316.08	159,794.05	0.00	159,794.05
01-Feb-06	0.00	205,398.05	205,398.05	76,190.58	9,228.14	85,418.72	0.00	119,979.33	119,979.33
01-Aug-06	195,364.00	205,398.05	400,762.05	76,190.58	162,373.02	238,563.60	162,198.45	0.00	162,198.45
01-Feb-07	0.00	201,490.77	201,490.77	74,388.27	9,228.14	83,616.41	0.00	117,874.36	117,874.36
01-Aug-07	200,947.00	201,490.77	402,437.77	74,388.27	162,373.02	236,761.29	165,676.48	0.00	165,676.48
01-Feb-08	0.00	196,467.10	196,467.10	72,534.45	9,228.14	81,762.59	0.00	114,704.51	114,704.51
01-Aug-08	207,713.00	196,467.10	404,180.10	72,534.45	162,373.02	234,907.47	169,272.63	0.00	169,272.63
01-Feb-09	0.00	191,274.27	191,274.27	70,618.21	9,228.14	79,846.35	0.00	111,427.92	111,427.92
01-Aug-09	214,706.00	191,274.27	405,980.27	70,618.21	162,373.02	232,991.23	172,989.04	0.00	172,989.04
01-Feb-10	0.00	185,906.62	185,906.62	68,637.46	9,228.14	77,865.60	0.00	108,041.02	108,041.02
01-Aug-10	220,251.00	185,906.62	406,157.62	68,637.46	162,373.02	231,010.48	175,147.14	0.00	175,147.14
01-Feb-11	0.00	182,052.23	182,052.23	66,605.56	9,228.14	75,833.70	0.00	106,218.53	106,218.53
01-Aug-11	224,411.00	182,052.23	406,463.23	66,605.56	162,373.02	228,978.58	177,484.65	0.00	177,484.65
01-Feb-12	0.00	177,984.78	177,984.78	64,535.28	9,228.14	73,763.42	0.00	104,221.36	104,221.36
01-Aug-12	230,391.00	177,984.78	408,375.78	64,535.28	162,373.02	226,908.30	181,467.48	0.00	181,467.48
01-Feb-13	0.00	172,225.00	172,225.00	62,409.83	9,228.14	71,637.97	0.00	100,587.03	100,587.03
01-Aug-13	240,000.00	172,225.00	412,225.00	62,409.83	162,373.02	224,782.85	187,442.15	0.00	187,442.15
01-Feb-14	0.00	165,925.00	165,925.00	60,195.74	9,228.14	69,423.88	0.00	96,501.12	96,501.12
01-Aug-14	245,000.00	165,925.00	410,925.00	60,195.74	162,373.02	222,568.76	188,356.24	0.00	188,356.24
01-Feb-15	0.00	159,493.75	159,493.75	57,935.51	9,228.14	67,163.65	0.00	92,330.10	92,330.10
01-Aug-15	255,000.00	159,493.75	414,493.75	57,935.51	162,373.02	220,308.53	194,185.22	0.00	194,185.22
01-Feb-16	0.00	152,800.00	152,800.00	55,583.04	9,228.14	64,811.18	0.00	87,988.82	87,988.82
01-Aug-16	265,000.00	152,800.00	417,800.00	55,583.04	162,373.02	217,956.06	199,843.94	0.00	199,843.94
01-Feb-17	0.00	145,843.75	145,843.75	53,138.30	9,228.14	62,366.44	0.00	83,477.31	83,477.31
01-Aug-17	275,000.00	145,843.75	420,843.75	53,138.30	162,373.02	215,511.32	205,332.43	0.00	205,332.43
01-Feb-18	0.00	138,625.00	138,625.00	50,601.32	9,228.14	59,829.46	0.00	78,795.54	78,795.54
01-Aug-18	285,000.00	138,625.00	423,625.00	50,601.32	162,373.02	212,974.34	210,650.66	0.00	210,650.66
01-Feb-19	0.00	131,143.75	131,143.75	47,972.08	9,228.14	57,200.22	0.00	73,943.53	73,943.53
01-Aug-19	295,000.00	131,143.75	426,143.75	47,972.08	162,373.02	210,345.10	215,798.65	0.00	215,798.65
01-Feb-20	0.00	123,400.00	123,400.00	45,250.59	9,228.14	54,478.73	0.00	68,921.27	68,921.27
01-Aug-20	305,000.00	123,400.00	428,400.00	45,250.59	162,373.02	207,623.61	220,776.39	0.00	220,776.39
01-Feb-21	0.00	115,393.75	115,393.75	42,436.84	9,228.14	51,664.98	0.00	63,728.77	63,728.77
01-Aug-21	315,000.00	115,393.75	430,393.75	42,436.84	162,373.02	204,809.86	225,583.89	0.00	225,583.89
01-Feb-22	0.00	107,125.00	107,125.00	39,530.84	9,228.14	48,758.98	0.00	58,366.02	58,366.02
01-Aug-22	330,000.00	107,125.00	437,125.00	39,530.84	162,373.02	201,903.86	235,221.14	0.00	235,221.14
01-Feb-23	0.00	98,875.00	98,875.00	36,486.46	0.00	36,486.46	0.00	62,388.54	62,388.54
01-Aug-23	340,000.00	98,875.00	438,875.00	36,486.46	0.00	36,486.46	340,000.00	62,388.54	402,388.54
01-Feb-24	0.00	90,375.00	90,375.00	33,349.82	0.00	33,349.82	0.00	57,025.18	57,025.18
01-Aug-24	350,000.00	90,375.00	440,375.00	33,349.82	0.00	33,349.82	350,000.00	57,025.18	407,025.18
01-Feb-25	0.00	81,625.00	81,625.00	30,120.93	0.00	30,120.93	0.00	51,504.07	51,504.07
01-Aug-25	365,000.00	81,625.00	446,625.00	30,120.93	0.00	30,120.93	365,000.00	51,504.07	416,504.07
01-Feb-26	0.00	72,500.00	72,500.00	26,753.66	0.00	26,753.66	0.00	45,746.34	45,746.34
01-Aug-26	375,000.00	72,500.00	447,500.00	26,753.66	0.00	26,753.66	375,000.00	45,746.34	420,746.34
01-Feb-27	0.00	63,125.00	63,125.00	23,294.14	0.00	23,294.14	0.00	39,830.86	39,830.86
01-Aug-27	390,000.00	63,125.00	453,125.00	23,294.14	0.00	23,294.14	390,000.00	39,830.86	429,830.86
01-Feb-28	0.00	53,375.00	53,375.00	19,696.23	0.00	19,696.23	0.00	33,678.77	33,678.77
01-Aug-28	400,000.00	53,375.00	453,375.00	19,696.23	0.00	19,696.23	400,000.00	33,678.77	433,678.77
01-Feb-29	0.00	43,375.00	43,375.00	16,006.07	0.00	16,006.07	0.00	27,368.93	27,368.93
01-Aug-29	415,000.00	43,375.00	458,375.00	16,006.07	0.00	16,006.07	415,000.00	27,368.93	442,368.93
01-Feb-30	0.00	33,000.00	33,000.00	12,177.53	0.00	12,177.53	0.00	20,822.47	20,822.47
01-Aug-30	430,000.00	33,000.00	463,000.00	12,177.53	0.00	12,177.53	430,000.00	20,822.47	450,822.47
01-Feb-31	0.00	22,250.00	22,250.00	8,210.61	0.00	8,210.61	0.00	14,039.39	14,039.39
01-Aug-31	440,000.00	22,250.00	462,250.00	8,210.61	0.00	8,210.61	440,000.00	14,039.39	454,039.39
01-Feb-32	0.00	11,250.00	11,250.00	4,151.43	0.00	4,151.43	0.00	7,098.57	7,098.57
01-Aug-32	450,000.00	11,250.00	461,250.00	4,151.43	0.00	4,151.43	450,000.00	7,098.57	457,098.57
01-Feb-33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	$8,812,181.00	$7,820,529.44	$16,632,710.44	$2,875,180.06	$3,432,023.20	$6,307,203.26	$7,712,153.12	$2,613,354.06	$10,325,507.18

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
MWRA Program Bonds, Series 2002A
Braintree / Weymouth
CW-02-13
Final Structuring Analysis

SCHEDULE C

Financial Equivalent Interest Rate: 2.56%

Schedule of Payments

Initial Principal Amount: $8,816,219.00

Date	Schedule of payments Principal	Interest	Total	Subsidy Amounts Equity Earnings	Contract Assistance Payments	Total	Net Payments Principal	Interest	Total
31-Oct-02									
1-Feb-03	$0.00	$108,852.24	$108,852.24	$34,261.93	$10,301.20	$44,563.13	$0.00	$64,289.11	$64,289.11
1-Aug-03	172,768.00	217,704.48	390,472.48	67,770.84	67,840.59	135,611.43	172,768.00	82,093.05	254,861.05
1-Feb-04	-	215,112.96	215,112.96	66,442.77	10,301.20	76,743.97	-	138,368.99	138,368.99
1-Aug-04	177,256.00	215,112.96	392,368.96	66,442.77	67,840.59	134,283.36	177,256.00	80,829.60	258,085.60
1-Feb-05	-	210,681.56	210,681.56	65,080.19	10,301.20	75,381.39	-	135,300.17	135,300.17
1-Aug-05	183,638.00	210,681.56	394,319.56	65,080.19	67,840.59	132,920.78	183,638.00	77,760.78	261,398.78
1-Feb-06	-	206,090.61	206,090.61	63,668.55	10,301.20	73,969.75	-	132,120.86	132,120.86
1-Aug-06	189,286.00	206,090.61	395,376.61	63,668.55	67,840.59	131,509.14	189,286.00	74,581.47	263,867.47
1-Feb-07	-	202,304.89	202,304.89	62,213.50	10,301.20	72,514.70	-	129,790.19	129,790.19
1-Aug-07	195,137.00	202,304.89	397,441.89	62,213.50	67,840.59	130,054.09	195,137.00	72,250.80	267,387.80
1-Feb-08	-	197,426.47	197,426.47	60,713.47	10,301.20	71,014.67	-	126,411.80	126,411.80
1-Aug-08	202,162.00	197,426.47	399,588.47	60,713.47	67,840.59	128,554.06	202,162.00	68,872.41	271,034.41
1-Feb-09	-	192,372.42	192,372.42	59,159.43	10,301.20	69,460.63	-	122,911.79	122,911.79
1-Aug-09	209,440.00	192,372.42	401,812.42	59,159.43	67,840.59	127,000.02	209,440.00	65,372.40	274,812.40
1-Feb-10	-	187,136.42	187,136.42	57,549.46	10,301.20	67,850.66	-	119,285.76	119,285.76
1-Aug-10	215,337.00	187,136.42	402,473.42	57,549.46	67,840.59	125,390.05	215,337.00	61,746.37	277,083.37
1-Feb-11	-	183,368.02	183,368.02	55,894.15	10,301.20	66,195.35	-	117,172.67	117,172.67
1-Aug-11	219,907.00	183,368.02	403,275.02	55,894.15	67,840.59	123,734.74	219,907.00	59,633.28	279,540.28
1-Feb-12	-	179,382.20	179,382.20	54,203.71	10,301.20	64,504.91	-	114,877.29	114,877.29
1-Aug-12	226,288.00	179,382.20	405,670.20	54,203.71	67,840.59	122,044.30	226,288.00	57,337.90	283,625.90
1-Feb-13	-	173,725.00	173,725.00	52,464.22	10,301.20	62,765.42	-	110,959.58	110,959.58
1-Aug-13	235,000.00	173,725.00	408,725.00	52,464.22	67,840.59	120,304.81	235,000.00	53,420.19	288,420.19
1-Feb-14	-	167,556.25	167,556.25	50,657.76	10,301.20	60,958.96	-	106,597.29	106,597.29
1-Aug-14	245,000.00	167,556.25	412,556.25	50,657.76	67,840.59	118,498.35	245,000.00	49,057.90	294,057.90
1-Feb-15	-	161,125.00	161,125.00	48,774.43	10,301.20	59,075.63	-	102,049.37	102,049.37
1-Aug-15	255,000.00	161,125.00	416,125.00	48,774.43	67,840.59	116,615.02	255,000.00	44,509.98	299,509.98
1-Feb-16	-	154,431.25	154,431.25	46,814.22	10,301.20	57,115.42	-	97,315.83	97,315.83
1-Aug-16	265,000.00	154,431.25	419,431.25	46,814.22	67,840.59	114,654.81	265,000.00	39,776.44	304,776.44
1-Feb-17	-	147,475.00	147,475.00	44,777.15	10,301.20	55,078.35	-	92,396.65	92,396.65
1-Aug-17	275,000.00	147,475.00	422,475.00	44,777.15	67,840.59	112,617.74	275,000.00	34,857.26	309,857.26
1-Feb-18	-	140,256.25	140,256.25	42,663.21	10,301.20	52,964.41	-	87,291.84	87,291.84
1-Aug-18	285,000.00	140,256.25	425,256.25	42,663.21	67,840.59	110,503.80	285,000.00	29,752.45	314,752.45
1-Feb-19	-	132,775.00	132,775.00	40,472.40	10,301.20	50,773.60	-	82,001.40	82,001.40
1-Aug-19	295,000.00	132,775.00	427,775.00	40,472.40	67,840.59	108,312.99	295,000.00	24,462.01	319,462.01
1-Feb-20	-	125,031.25	125,031.25	38,204.71	10,301.20	48,505.91	-	76,525.34	76,525.34
1-Aug-20	305,000.00	125,031.25	430,031.25	38,204.71	67,840.59	106,045.30	305,000.00	18,985.95	323,985.95
1-Feb-21	-	117,025.00	117,025.00	35,860.16	10,301.20	46,161.36	-	70,863.64	70,863.64
1-Aug-21	320,000.00	117,025.00	437,025.00	35,860.16	67,840.59	103,700.75	320,000.00	13,324.25	333,324.25
1-Feb-22	-	108,625.00	108,625.00	33,400.30	10,301.20	43,701.50	-	64,923.50	64,923.50
1-Aug-22	330,000.00	108,625.00	438,625.00	33,400.30	67,840.59	101,240.89	330,000.00	7,384.11	337,384.11
1-Feb-23	-	100,375.00	100,375.00	30,863.56	-	30,863.56	-	69,511.44	69,511.44
1-Aug-23	340,000.00	100,375.00	440,375.00	30,863.56	-	30,863.56	340,000.00	69,511.44	409,511.44
1-Feb-24	-	91,875.00	91,875.00	28,249.96	-	28,249.96	-	63,625.04	63,625.04
1-Aug-24	355,000.00	91,875.00	446,875.00	28,249.96	-	28,249.96	355,000.00	63,625.04	418,625.04
1-Feb-25	-	83,000.00	83,000.00	25,521.05	-	25,521.05	-	57,478.95	57,478.95
1-Aug-25	365,000.00	83,000.00	448,000.00	25,521.05	-	25,521.05	365,000.00	57,478.95	422,478.95
1-Feb-26	-	73,875.00	73,875.00	22,715.28	-	22,715.28	-	51,159.72	51,159.72
1-Aug-26	380,000.00	73,875.00	453,875.00	22,715.28	-	22,715.28	380,000.00	51,159.72	431,159.72
1-Feb-27	-	64,375.00	64,375.00	19,794.19	-	19,794.19	-	44,580.81	44,580.81
1-Aug-27	395,000.00	64,375.00	459,375.00	19,794.19	-	19,794.19	395,000.00	44,580.81	439,580.81
1-Feb-28	-	54,500.00	54,500.00	16,757.80	-	16,757.80	-	37,742.20	37,742.20
1-Aug-28	410,000.00	54,500.00	464,500.00	16,757.80	-	16,757.80	410,000.00	37,742.20	447,742.20
1-Feb-29	-	44,250.00	44,250.00	13,606.10	-	13,606.10	-	30,643.90	30,643.90
1-Aug-29	420,000.00	44,250.00	464,250.00	13,606.10	-	13,606.10	420,000.00	30,643.90	450,643.90
1-Feb-30	-	33,750.00	33,750.00	10,377.54	-	10,377.54	-	23,372.46	23,372.46
1-Aug-30	435,000.00	33,750.00	468,750.00	10,377.54	-	10,377.54	435,000.00	23,372.46	458,372.46
1-Feb-31	-	22,875.00	22,875.00	7,033.66	-	7,033.66	-	15,841.34	15,841.34
1-Aug-31	455,000.00	22,875.00	477,875.00	7,033.66	-	7,033.66	455,000.00	15,841.34	470,841.34
1-Feb-32	-	11,500.00	11,500.00	3,536.05	-	3,536.05	-	7,963.95	7,963.95
1-Aug-32	460,000.00	11,500.00	471,500.00	3,536.05	-	3,536.05	460,000.00	7,963.95	467,963.95
1-Feb-33	-	-	-	-	-	-	-	-	-
1-Aug-33	-	-	-	-	-	-	-	-	-
	$8,816,219.00	$7,891,107.82	$16,707,326.82	$2,416,970.73	$1,562,835.80	$3,979,806.53	$8,816,219.00	$3,911,301.29	$12,727,520.29

CW-02-14

SCHEDULE C

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
MWRA Program Bonds, Series 2002A
CSO Construction
CW-02-14
Final Structuring Analysis

Financial Equivalent Interest Rate: 2.56%

Schedule of Payments

Initial Principal Amount: $5,564,343.00

Date	Schedule of payments Principal	Interest	Total	Subsidy Amounts Equity Earnings	Contract Assistance Payments	Total	Net Payments Principal	Interest	Total
31-Oct-02									
1-Feb-03	$0.00	$68,705.34	$68,705.34	$21,624.36	$6,492.35	$28,116.71	$0.00	$40,588.63	$40,588.63
1-Aug-03	108,769.00	137,410.68	246,179.68	42,773.46	42,758.34	85,531.80	108,769.00	51,878.88	160,647.88
1-Feb-04	-	135,779.15	135,779.15	41,937.35	6,492.35	48,429.70	-	87,349.45	87,349.45
1-Aug-04	111,607.00	135,779.15	247,386.15	41,937.35	42,758.34	84,695.69	111,607.00	51,083.46	162,690.46
1-Feb-05	-	132,988.97	132,988.97	41,079.42	6,492.35	47,571.77	-	85,417.20	85,417.20
1-Aug-05	115,643.00	132,988.97	248,631.97	41,079.42	42,758.34	83,837.76	115,643.00	49,151.21	164,794.21
1-Feb-06	-	130,097.90	130,097.90	40,190.46	6,492.35	46,682.81	-	83,415.09	83,415.09
1-Aug-06	119,214.00	130,097.90	249,311.90	40,190.46	42,758.34	82,948.80	119,214.00	47,149.10	166,363.10
1-Feb-07	-	127,713.62	127,713.62	39,274.06	6,492.35	45,766.41	-	81,947.21	81,947.21
1-Aug-07	122,914.00	127,713.62	250,627.62	39,274.06	42,758.34	82,032.40	122,914.00	45,681.22	168,595.22
1-Feb-08	-	124,640.77	124,640.77	38,329.21	6,492.35	44,821.56	-	79,819.21	79,819.21
1-Aug-08	127,357.00	124,640.77	251,997.77	38,329.21	42,758.34	81,087.55	127,357.00	43,553.22	170,910.22
1-Feb-09	-	121,456.84	121,456.84	37,350.21	6,492.35	43,842.56	-	77,614.28	77,614.28
1-Aug-09	131,959.00	121,456.84	253,415.84	37,350.21	42,758.34	80,108.55	131,959.00	41,348.29	173,307.29
1-Feb-10	-	118,157.87	118,157.87	36,335.83	6,492.35	42,828.18	-	75,329.69	75,329.69
1-Aug-10	135,688.00	118,157.87	253,845.87	36,335.83	42,758.34	79,094.17	135,688.00	39,063.70	174,751.70
1-Feb-11	-	115,783.33	115,783.33	35,292.79	6,492.35	41,785.14	-	73,998.19	73,998.19
1-Aug-11	138,578.00	115,783.33	254,361.33	35,292.79	42,758.34	78,051.13	138,578.00	37,732.20	176,310.20
1-Feb-12	-	113,271.60	113,271.60	34,227.53	6,492.35	40,719.88	-	72,551.72	72,551.72
1-Aug-12	142,614.00	113,271.60	255,885.60	34,227.53	42,758.34	76,985.87	142,614.00	36,285.73	178,899.73
1-Feb-13	-	109,706.25	109,706.25	33,131.25	6,492.35	39,623.60	-	70,082.65	70,082.65
1-Aug-13	150,000.00	109,706.25	259,706.25	33,131.25	42,758.34	75,889.59	150,000.00	33,816.66	183,816.66
1-Feb-14	-	105,768.75	105,768.75	31,978.19	6,492.35	38,470.54	-	67,298.21	67,298.21
1-Aug-14	155,000.00	105,768.75	260,768.75	31,978.19	42,758.34	74,736.53	155,000.00	31,032.22	186,032.22
1-Feb-15	-	101,700.00	101,700.00	30,786.69	6,492.35	37,279.04	-	64,420.96	64,420.96
1-Aug-15	160,000.00	101,700.00	261,700.00	30,786.69	42,758.34	73,545.03	160,000.00	28,154.97	188,154.97
1-Feb-16	-	97,500.00	97,500.00	29,556.76	6,492.35	36,049.11	-	61,450.89	61,450.89
1-Aug-16	165,000.00	97,500.00	262,500.00	29,556.76	42,758.34	72,315.10	165,000.00	25,184.90	190,184.90
1-Feb-17	-	93,168.75	93,168.75	28,288.40	6,492.35	34,780.75	-	58,388.00	58,388.00
1-Aug-17	175,000.00	93,168.75	268,168.75	28,288.40	42,758.34	71,046.74	175,000.00	22,122.01	197,122.01
1-Feb-18	-	88,575.00	88,575.00	26,943.16	6,492.35	33,435.51	-	55,139.49	55,139.49
1-Aug-18	180,000.00	88,575.00	268,575.00	26,943.16	42,758.34	69,701.50	180,000.00	18,873.50	198,873.50
1-Feb-19	-	83,850.00	83,850.00	25,559.49	6,492.35	32,051.84	-	51,798.16	51,798.16
1-Aug-19	185,000.00	83,850.00	268,850.00	25,559.49	42,758.34	68,317.83	185,000.00	15,532.17	200,532.17
1-Feb-20	-	78,993.75	78,993.75	24,137.38	6,492.35	30,629.73	-	48,364.02	48,364.02
1-Aug-20	195,000.00	78,993.75	273,993.75	24,137.38	42,758.34	66,895.72	195,000.00	12,098.03	207,098.03
1-Feb-21	-	73,875.00	73,875.00	22,638.40	6,492.35	29,130.75	-	44,744.25	44,744.25
1-Aug-21	200,000.00	73,875.00	273,875.00	22,638.40	42,758.34	65,396.74	200,000.00	8,478.26	208,478.26
1-Feb-22	-	68,625.00	68,625.00	21,100.99	6,492.35	27,593.34	-	41,031.66	41,031.66
1-Aug-22	210,000.00	68,625.00	278,625.00	21,100.99	42,758.34	63,859.33	210,000.00	4,765.67	214,765.67
1-Feb-23	-	63,375.00	63,375.00	19,486.71	-	19,486.71	-	43,888.29	43,888.29
1-Aug-23	215,000.00	63,375.00	278,375.00	19,486.71	-	19,486.71	215,000.00	43,888.29	258,888.29
1-Feb-24	-	58,000.00	58,000.00	17,833.99	-	17,833.99	-	40,166.01	40,166.01
1-Aug-24	225,000.00	58,000.00	283,000.00	17,833.99	-	17,833.99	225,000.00	40,166.01	265,166.01
1-Feb-25	-	52,375.00	52,375.00	16,104.40	-	16,104.40	-	36,270.60	36,270.60
1-Aug-25	230,000.00	52,375.00	282,375.00	16,104.40	-	16,104.40	230,000.00	36,270.60	266,270.60
1-Feb-26	-	46,625.00	46,625.00	14,336.38	-	14,336.38	-	32,288.62	32,288.62
1-Aug-26	240,000.00	46,625.00	286,625.00	14,336.38	-	14,336.38	240,000.00	32,288.62	272,288.62
1-Feb-27	-	40,625.00	40,625.00	12,491.48	-	12,491.48	-	28,133.52	28,133.52
1-Aug-27	250,000.00	40,625.00	290,625.00	12,491.48	-	12,491.48	250,000.00	28,133.52	278,133.52
1-Feb-28	-	34,375.00	34,375.00	10,569.71	-	10,569.71	-	23,805.29	23,805.29
1-Aug-28	260,000.00	34,375.00	294,375.00	10,569.71	-	10,569.71	260,000.00	23,805.29	283,805.29
1-Feb-29	-	27,875.00	27,875.00	8,571.08	-	8,571.08	-	19,303.92	19,303.92
1-Aug-29	265,000.00	27,875.00	292,875.00	8,571.08	-	8,571.08	265,000.00	19,303.92	284,303.92
1-Feb-30	-	21,250.00	21,250.00	6,534.00	-	6,534.00	-	14,716.00	14,716.00
1-Aug-30	275,000.00	21,250.00	296,250.00	6,534.00	-	6,534.00	275,000.00	14,716.00	289,716.00
1-Feb-31	-	14,375.00	14,375.00	4,420.06	-	4,420.06	-	9,954.94	9,954.94
1-Aug-31	285,000.00	14,375.00	299,375.00	4,420.06	-	4,420.06	285,000.00	9,954.94	294,954.94
1-Feb-32	-	7,250.00	7,250.00	2,229.25	-	2,229.25	-	5,020.75	5,020.75
1-Aug-32	290,000.00	7,250.00	297,250.00	2,229.25	-	2,229.25	290,000.00	5,020.75	295,020.75
1-Feb-33	-	-	-	-	-	-	-	-	-
1-Aug-33	-	-	-	-	-	-	-	-	-
	$5,564,343.00	$4,981,671.12	$10,546,014.12	$1,525,827.08	$985,013.80	$2,510,840.88	$5,564,343.00	$2,470,830.24	$8,035,173.24

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
MWRA Program Bonds, Series 2002A
Deer Island Western Shoreline
CW-98-13-C
Final Structuring Analysis

CW-98-13-C

SCHEDULE C

Grant Equivalency: 45.57%

Schedule of Payments

Initial Principal Amount: $489,539.00

	Schedule of payments			Subsidy Amounts			Net Payments		
Date	Principal	Interest	Total	Equity Earnings	Contract Assistance Payments	Total	Principal	Interest	Total
31-Oct-02									
1-Feb-03	$0.00	$6,047.12	$6,047.12	$2,283.19	$552.11	$2,835.30	$0.00	$3,211.82	$3,211.82
1-Aug-03	9,559.00	12,094.23	21,653.23	4,516.19	8,979.84	13,496.03	8,157.20	-	8,157.20
1-Feb-04	-	11,950.85	11,950.85	4,428.01	552.11	4,980.12	-	6,970.73	6,970.73
1-Aug-04	9,788.00	11,950.85	21,738.85	4,428.01	8,979.84	13,407.85	8,331.00	-	8,331.00
1-Feb-05	-	11,706.15	11,706.15	4,337.71	552.11	4,889.82	-	6,816.33	6,816.33
1-Aug-05	10,132.00	11,706.15	21,838.15	4,337.71	8,979.84	13,317.55	8,520.60	-	8,520.60
1-Feb-06	-	11,452.85	11,452.85	4,244.24	552.11	4,796.35	-	6,656.50	6,656.50
1-Aug-06	10,433.00	11,452.85	21,885.85	4,244.24	8,979.84	13,224.08	8,661.77	-	8,661.77
1-Feb-07	-	11,244.19	11,244.19	4,147.99	552.11	4,700.10	-	6,544.09	6,544.09
1-Aug-07	10,744.00	11,244.19	21,988.19	4,147.99	8,979.84	13,127.83	8,860.36	-	8,860.36
1-Feb-08	-	10,975.59	10,975.59	4,048.87	552.11	4,600.98	-	6,374.61	6,374.61
1-Aug-08	11,121.00	10,975.59	22,096.59	4,048.87	8,979.84	13,028.71	9,067.88	-	9,067.88
1-Feb-09	-	10,697.56	10,697.56	3,946.28	552.11	4,498.39	-	6,199.17	6,199.17
1-Aug-09	11,510.00	10,697.56	22,207.56	3,946.28	8,979.84	12,926.12	9,281.44	-	9,281.44
1-Feb-10	-	10,409.81	10,409.81	3,840.09	552.11	4,392.20	-	6,017.61	6,017.61
1-Aug-10	11,819.00	10,409.81	22,228.81	3,840.09	8,979.84	12,819.93	9,408.88	-	9,408.88
1-Feb-11	-	10,202.98	10,202.98	3,731.06	552.11	4,283.17	-	5,919.81	5,919.81
1-Aug-11	12,051.00	10,202.98	22,253.98	3,731.06	8,979.84	12,710.90	9,543.08	-	9,543.08
1-Feb-12	-	9,984.55	9,984.55	3,619.88	552.11	4,171.99	-	5,812.56	5,812.56
1-Aug-12	12,382.00	9,984.55	22,366.55	3,619.88	8,979.84	12,599.72	9,766.83	-	9,766.83
1-Feb-13	-	9,675.00	9,675.00	3,505.65	552.11	4,057.76	-	5,617.24	5,617.24
1-Aug-13	15,000.00	9,675.00	24,675.00	3,505.65	8,979.84	12,485.49	12,189.51	-	12,189.51
1-Feb-14	-	9,281.25	9,281.25	3,367.27	552.11	3,919.38	-	5,361.87	5,361.87
1-Aug-14	15,000.00	9,281.25	24,281.25	3,367.27	8,979.84	12,347.11	11,934.14	-	11,934.14
1-Feb-15	-	8,887.50	8,887.50	3,228.89	552.11	3,781.00	-	5,106.50	5,106.50
1-Aug-15	15,000.00	8,887.50	23,887.50	3,228.89	8,979.84	12,208.73	11,678.77	-	11,678.77
1-Feb-16	-	8,493.75	8,493.75	3,090.51	552.11	3,642.62	-	4,851.13	4,851.13
1-Aug-16	15,000.00	8,493.75	23,493.75	3,090.51	8,979.84	12,070.35	11,423.40	-	11,423.40
1-Feb-17	-	8,100.00	8,100.00	2,952.13	552.11	3,504.24	-	4,595.76	4,595.76
1-Aug-17	15,000.00	8,100.00	23,100.00	2,952.13	8,979.84	11,931.97	11,168.03	-	11,168.03
1-Feb-18	-	7,706.25	7,706.25	2,813.75	552.11	3,365.86	-	4,340.39	4,340.39
1-Aug-18	15,000.00	7,706.25	22,706.25	2,813.75	8,979.84	11,793.59	10,912.66	-	10,912.66
1-Feb-19	-	7,312.50	7,312.50	2,675.37	552.11	3,227.48	-	4,085.02	4,085.02
1-Aug-19	15,000.00	7,312.50	22,312.50	2,675.37	8,979.84	11,655.21	10,657.29	-	10,657.29
1-Feb-20	-	6,918.75	6,918.75	2,536.99	552.11	3,089.10	-	3,829.65	3,829.65
1-Aug-20	15,000.00	6,918.75	21,918.75	2,536.99	8,979.84	11,516.83	10,401.92	-	10,401.92
1-Feb-21	-	6,525.00	6,525.00	2,398.60	552.11	2,950.71	-	3,574.29	3,574.29
1-Aug-21	20,000.00	6,525.00	26,525.00	2,398.60	8,979.84	11,378.44	15,146.56	-	15,146.56
1-Feb-22	-	6,000.00	6,000.00	2,214.10	552.11	2,766.21	-	3,233.79	3,233.79
1-Aug-22	20,000.00	6,000.00	26,000.00	2,214.10	8,979.84	11,193.94	14,806.06	-	14,806.06
1-Feb-23	-	5,500.00	5,500.00	2,029.59	-	2,029.59	-	3,470.41	3,470.41
1-Aug-23	20,000.00	5,500.00	25,500.00	2,029.59	-	2,029.59	20,000.00	3,470.41	23,470.41
1-Feb-24	-	5,000.00	5,000.00	1,845.08	-	1,845.08	-	3,154.92	3,154.92
1-Aug-24	20,000.00	5,000.00	25,000.00	1,845.08	-	1,845.08	20,000.00	3,154.92	23,154.92
1-Feb-25	-	4,500.00	4,500.00	1,660.57	-	1,660.57	-	2,839.43	2,839.43
1-Aug-25	20,000.00	4,500.00	24,500.00	1,660.57	-	1,660.57	20,000.00	2,839.43	22,839.43
1-Feb-26	-	4,000.00	4,000.00	1,476.06	-	1,476.06	-	2,523.94	2,523.94
1-Aug-26	20,000.00	4,000.00	24,000.00	1,476.06	-	1,476.06	20,000.00	2,523.94	22,523.94
1-Feb-27	-	3,500.00	3,500.00	1,291.56	-	1,291.56	-	2,208.44	2,208.44
1-Aug-27	20,000.00	3,500.00	23,500.00	1,291.56	-	1,291.56	20,000.00	2,208.44	22,208.44
1-Feb-28	-	3,000.00	3,000.00	1,107.05	-	1,107.05	-	1,892.95	1,892.95
1-Aug-28	20,000.00	3,000.00	23,000.00	1,107.05	-	1,107.05	20,000.00	1,892.95	21,892.95
1-Feb-29	-	2,500.00	2,500.00	922.54	-	922.54	-	1,577.46	1,577.46
1-Aug-29	25,000.00	2,500.00	27,500.00	922.54	-	922.54	25,000.00	1,577.46	26,577.46
1-Feb-30	-	1,875.00	1,875.00	691.91	-	691.91	-	1,183.09	1,183.09
1-Aug-30	25,000.00	1,875.00	26,875.00	691.91	-	691.91	25,000.00	1,183.09	26,183.09
1-Feb-31	-	1,250.00	1,250.00	461.27	-	461.27	-	788.73	788.73
1-Aug-31	25,000.00	1,250.00	26,250.00	461.27	-	461.27	25,000.00	788.73	25,788.73
1-Feb-32	-	625.00	625.00	230.64	-	230.64	-	394.36	394.36
1-Aug-32	25,000.00	625.00	25,625.00	230.64	-	230.64	25,000.00	394.36	25,394.36
1-Feb-33	-	-	-	-	-	-	-	-	-
1-Aug-33	-	-	-	-	-	-	-	-	-
	$489,539.00	$436,690.41	$926,229.41	$160,486.70	$190,639.00	$351,125.70	$429,917.38	$145,186.33	$575,103.71

CW-99-21-A

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
MWRA Program Bonds, Series 2002A
CSO Construction
CW-99-21-A
Final Structuring Analysis

SCHEDULE C

Grant Equivalency: 45.47%

Schedule of Payments

Initial Principal Amount: $9,148,450.00

Date	Schedule of payments Principal	Interest	Total	Subsidy Amounts Equity Earnings	Contract Assistance Payments	Total	Net Payments Principal	Interest	Total
31-Oct-02									
1-Feb-03	$0.00	$112,865.58	$112,865.58	$42,667.93	$9,622.51	$52,290.44	$0.00	$60,575.14	$60,575.14
1-Aug-03	186,823.00	225,731.15	412,554.15	84,398.11	168,525.88	252,923.99	159,630.16	-	159,630.16
1-Feb-04	-	222,928.81	222,928.81	82,674.59	9,622.51	92,297.10	-	130,631.71	130,631.71
1-Aug-04	191,095.00	222,928.81	414,023.81	82,674.59	168,525.88	251,200.47	162,823.34	-	162,823.34
1-Feb-05	-	218,151.43	218,151.43	80,911.67	9,622.51	90,534.18	-	127,617.25	127,617.25
1-Aug-05	197,522.00	218,151.43	415,673.43	80,911.67	168,525.88	249,437.55	166,235.88	-	166,235.88
1-Feb-06	-	213,213.38	213,213.38	79,089.45	9,622.51	88,711.96	-	124,501.42	124,501.42
1-Aug-06	203,131.00	213,213.38	416,344.38	79,089.45	168,525.88	247,615.33	168,729.05	-	168,729.05
1-Feb-07	-	209,150.76	209,150.76	77,215.48	9,622.51	86,837.99	-	122,312.77	122,312.77
1-Aug-07	208,928.00	209,150.76	418,078.76	77,215.48	168,525.88	245,741.36	172,337.40	-	172,337.40
1-Feb-08	-	203,927.56	203,927.56	75,288.04	9,622.51	84,910.55	-	119,017.01	119,017.01
1-Aug-08	215,954.00	203,927.56	419,881.56	75,288.04	168,525.88	243,813.92	176,067.64	-	176,067.64
1-Feb-09	-	198,528.71	198,528.71	73,295.78	9,622.51	82,918.29	-	115,610.42	115,610.42
1-Aug-09	223,216.00	198,528.71	421,744.71	73,295.78	168,525.88	241,821.66	179,923.05	-	179,923.05
1-Feb-10	-	192,948.31	192,948.31	71,236.52	9,622.51	80,859.03	-	112,089.28	112,089.28
1-Aug-10	228,975.00	192,948.31	421,923.31	71,236.52	168,525.88	239,762.40	182,160.91	-	182,160.91
1-Feb-11	-	188,941.25	188,941.25	69,124.13	9,622.51	78,746.64	-	110,194.61	110,194.61
1-Aug-11	233,295.00	188,941.25	422,236.25	69,124.13	168,525.88	237,650.01	184,586.24	-	184,586.24
1-Feb-12	-	184,712.78	184,712.78	66,971.89	9,622.51	76,594.40	-	108,118.38	108,118.38
1-Aug-12	239,511.00	184,712.78	424,223.78	66,971.89	168,525.88	235,497.77	188,726.01	-	188,726.01
1-Feb-13	-	178,725.00	178,725.00	64,762.31	9,622.51	74,384.82	-	104,340.18	104,340.18
1-Aug-13	250,000.00	178,725.00	428,725.00	64,762.31	168,525.88	233,288.19	195,436.81	-	195,436.81
1-Feb-14	-	172,162.50	172,162.50	62,455.96	9,622.51	72,078.47	-	100,084.03	100,084.03
1-Aug-14	255,000.00	172,162.50	427,162.50	62,455.96	168,525.88	230,981.84	196,180.66	-	196,180.66
1-Feb-15	-	165,468.75	165,468.75	60,103.48	9,622.51	69,725.99	-	95,742.76	95,742.76
1-Aug-15	265,000.00	165,468.75	430,468.75	60,103.48	168,525.88	228,629.36	201,839.39	-	201,839.39
1-Feb-16	-	158,512.50	158,512.50	57,658.75	9,622.51	67,281.26	-	91,231.24	91,231.24
1-Aug-16	275,000.00	158,512.50	433,512.50	57,658.75	168,525.88	226,184.63	207,327.87	-	207,327.87
1-Feb-17	-	151,293.75	151,293.75	55,121.77	9,622.51	64,744.28	-	86,549.47	86,549.47
1-Aug-17	285,000.00	151,293.75	436,293.75	55,121.77	168,525.88	223,647.65	212,646.10	-	212,646.10
1-Feb-18	-	143,812.50	143,812.50	52,492.53	9,622.51	62,115.04	-	81,697.46	81,697.46
1-Aug-18	295,000.00	143,812.50	438,812.50	52,492.53	168,525.88	221,018.41	217,794.09	-	217,794.09
1-Feb-19	-	136,068.75	136,068.75	49,771.03	9,622.51	59,393.54	-	76,675.21	76,675.21
1-Aug-19	305,800.00	136,068.75	441,068.75	49,771.03	168,525.88	218,296.91	222,771.84	-	222,771.84
1-Feb-20	-	128,062.50	128,062.50	46,957.29	9,622.51	56,579.80	-	71,482.70	71,482.70
1-Aug-20	320,000.00	128,062.50	448,062.50	46,957.29	168,525.88	215,483.17	232,579.33	-	232,579.33
1-Feb-21	-	119,662.50	119,662.50	44,005.16	9,622.51	53,627.67	-	66,034.83	66,034.83
1-Aug-21	330,000.00	119,662.50	449,662.50	44,005.16	168,525.88	212,531.04	237,131.46	-	237,131.46
1-Feb-22	-	111,000.00	111,000.00	40,960.78	9,622.51	50,583.29	-	60,416.71	60,416.71
1-Aug-22	340,000.00	111,000.00	451,000.00	40,960.78	168,525.88	209,486.66	241,513.34	-	241,513.34
1-Feb-23	-	102,500.00	102,500.00	37,824.14	-	37,824.14	-	64,675.86	64,675.86
1-Aug-23	355,000.00	102,500.00	457,500.00	37,824.14	-	37,824.14	355,000.00	64,675.86	419,675.86
1-Feb-24	-	93,625.00	93,625.00	34,549.12	-	34,549.12	-	59,075.88	59,075.88
1-Aug-24	365,000.00	93,625.00	458,625.00	34,549.12	-	34,549.12	365,000.00	59,075.88	424,075.88
1-Feb-25	-	84,500.00	84,500.00	31,181.85	-	31,181.85	-	53,318.15	53,318.15
1-Aug-25	375,000.00	84,500.00	459,500.00	31,181.85	-	31,181.85	375,000.00	53,318.15	428,318.15
1-Feb-26	-	75,125.00	75,125.00	27,722.33	-	27,722.33	-	47,402.67	47,402.67
1-Aug-26	390,000.00	75,125.00	465,125.00	27,722.33	-	27,722.33	390,000.00	47,402.67	437,402.67
1-Feb-27	-	65,375.00	65,375.00	24,124.42	-	24,124.42	-	41,250.58	41,250.58
1-Aug-27	400,000.00	65,375.00	465,375.00	24,124.42	-	24,124.42	400,000.00	41,250.58	441,250.58
1-Feb-28	-	55,375.00	55,375.00	20,434.26	-	20,434.26	-	34,940.74	34,940.74
1-Aug-28	415,000.00	55,375.00	470,375.00	20,434.26	-	20,434.26	415,000.00	34,940.74	449,940.74
1-Feb-29	-	45,000.00	45,000.00	16,605.72	-	16,605.72	-	28,394.28	28,394.28
1-Aug-29	430,000.00	45,000.00	475,000.00	16,605.72	-	16,605.72	430,000.00	28,394.28	458,394.28
1-Feb-30	-	34,250.00	34,250.00	12,638.80	-	12,638.80	-	21,611.20	21,611.20
1-Aug-30	445,000.00	34,250.00	479,250.00	12,638.80	-	12,638.80	445,000.00	21,611.20	466,611.20
1-Feb-31	-	23,125.00	23,125.00	8,533.50	-	8,533.50	-	14,591.50	14,591.50
1-Aug-31	460,000.00	23,125.00	483,125.00	8,533.50	-	8,533.50	460,000.00	14,591.50	474,591.50
1-Feb-32	-	11,625.00	11,625.00	4,289.81	-	4,289.81	-	7,335.19	7,335.19
1-Aug-32	465,000.00	11,625.00	476,625.00	4,289.81	-	4,289.81	465,000.00	7,335.19	472,335.19
1-Feb-33	-	-	-	-	-	-	-	-	-
1-Aug-33	-	-	-	-	-	-	-	-	-
	$9,148,450.00	$8,114,140.21	$17,262,590.21	$2,983,067.16	$3,562,967.80	$6,546,034.96	$8,006,440.57	$2,710,114.68	$10,716,555.25

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
MWRA Program Bonds, Series 2002A
Deer Island Paving
CW-99-23-B
Final Structuring Analysis

SCHEDULE C

Grant Equivalency: 45.46%

Schedule of Payments

Initial Principal Amount: $1,210,034.00

Schedule of payments				Subsidy Amounts			Net Payments		
Date	Principal	Interest	Total	Equity Earnings	Contract Assistance Payments	Total	Principal	Interest	Total
31-Oct-02									
1-Feb-03	$0.00	$14,932.88	$14,932.88	$5,643.54	$1,261.97	$6,905.51	$0.00	$8,027.37	$8,027.37
1-Aug-03	24,554.00	29,865.76	54,419.76	11,163.05	22,301.36	33,464.41	20,955.35	-	20,955.35
1-Feb-04	-	29,497.45	29,497.45	10,936.53	1,261.97	12,198.50	-	17,298.95	17,298.95
1-Aug-04	25,120.00	29,497.45	54,617.45	10,936.53	22,301.36	33,237.89	21,379.56	-	21,379.56
1-Feb-05	-	28,869.45	28,869.45	10,704.79	1,261.97	11,966.76	-	16,902.69	16,902.69
1-Aug-05	25,972.00	28,869.45	54,841.45	10,704.79	22,301.36	33,006.15	21,835.30	-	21,835.30
1-Feb-06	-	28,220.15	28,220.15	10,465.18	1,261.97	11,727.15	-	16,493.00	16,493.00
1-Aug-06	26,716.00	28,220.15	54,936.15	10,465.18	22,301.36	32,766.54	22,169.61	-	22,169.61
1-Feb-07	-	27,685.83	27,685.83	10,218.72	1,261.97	11,480.69	-	16,205.14	16,205.14
1-Aug-07	27,484.00	27,685.83	55,169.83	10,218.72	22,301.36	32,520.08	22,649.75	-	22,649.75
1-Feb-08	-	26,998.73	26,998.73	9,965.17	1,261.97	11,227.14	-	15,771.59	15,771.59
1-Aug-08	28,415.00	26,998.73	55,413.73	9,965.17	22,301.36	32,266.53	23,147.20	-	23,147.20
1-Feb-09	-	26,288.35	26,288.35	9,703.03	1,261.97	10,965.00	-	15,323.35	15,323.35
1-Aug-09	29,378.00	26,288.35	55,666.35	9,703.03	22,301.36	32,004.39	23,661.96	-	23,661.96
1-Feb-10	-	25,553.90	25,553.90	9,432.00	1,261.97	10,693.97	-	14,859.93	14,859.93
1-Aug-10	30,142.00	25,553.90	55,695.90	9,432.00	22,301.36	31,733.36	23,962.54	-	23,962.54
1-Feb-11	-	25,026.42	25,026.42	9,153.93	1,261.97	10,415.90	-	14,610.52	14,610.52
1-Aug-11	30,714.00	25,026.42	55,740.42	9,153.93	22,301.36	31,455.29	24,285.13	-	24,285.13
1-Feb-12	-	24,469.73	24,469.73	8,870.58	1,261.97	10,132.55	-	14,337.18	14,337.18
1-Aug-12	31,539.00	24,469.73	56,008.73	8,870.58	22,301.36	31,171.94	24,836.79	-	24,836.79
1-Feb-13	-	23,681.25	23,681.25	8,579.62	1,261.97	9,841.59	-	13,839.66	13,839.66
1-Aug-13	35,000.00	23,681.25	58,681.25	8,579.62	22,301.36	30,880.98	27,800.27	-	27,800.27
1-Feb-14	-	22,762.50	22,762.50	8,256.73	1,261.97	9,518.70	-	13,243.80	13,243.80
1-Aug-14	35,000.00	22,762.50	57,762.50	8,256.73	22,301.36	30,558.09	27,204.41	-	27,204.41
1-Feb-15	-	21,843.75	21,843.75	7,933.84	1,261.97	9,195.81	-	12,647.94	12,647.94
1-Aug-15	35,000.00	21,843.75	56,843.75	7,933.84	22,301.36	30,235.20	26,608.55	-	26,608.55
1-Feb-16	-	20,925.00	20,925.00	7,610.96	1,261.97	8,872.93	-	12,052.07	12,052.07
1-Aug-16	35,000.00	20,925.00	55,925.00	7,610.96	22,301.36	29,912.32	26,012.68	-	26,012.68
1-Feb-17	-	20,006.25	20,006.25	7,288.07	1,261.97	8,550.04	-	11,456.21	11,456.21
1-Aug-17	40,000.00	20,006.25	60,006.25	7,288.07	22,301.36	29,589.43	30,416.82	-	30,416.82
1-Feb-18	-	18,956.25	18,956.25	6,919.05	1,261.97	8,181.02	-	10,775.23	10,775.23
1-Aug-18	40,000.00	18,956.25	58,956.25	6,919.05	22,301.36	29,220.41	29,735.84	-	29,735.84
1-Feb-19	-	17,906.25	17,906.25	6,550.03	1,261.97	7,812.00	-	10,094.25	10,094.25
1-Aug-19	40,000.00	17,906.25	57,906.25	6,550.03	22,301.36	28,851.39	29,054.86	-	29,054.86
1-Feb-20	-	16,856.25	16,856.25	6,181.02	1,261.97	7,442.99	-	9,413.26	9,413.26
1-Aug-20	40,000.00	16,856.25	56,856.25	6,181.02	22,301.36	28,482.38	28,373.87	-	28,373.87
1-Feb-21	-	15,806.25	15,806.25	5,812.00	1,261.97	7,073.97	-	8,732.28	8,732.28
1-Aug-21	45,000.00	15,806.25	60,806.25	5,812.00	22,301.36	28,113.36	32,692.89	-	32,692.89
1-Feb-22	-	14,625.00	14,625.00	5,396.86	1,261.97	6,658.83	-	7,966.17	7,966.17
1-Aug-22	45,000.00	14,625.00	59,625.00	5,396.86	22,301.36	27,698.22	31,926.78	-	31,926.78
1-Feb-23	-	13,500.00	13,500.00	4,981.72	-	4,981.72	-	8,518.28	8,518.28
1-Aug-23	45,000.00	13,500.00	58,500.00	4,981.72	-	4,981.72	45,000.00	8,518.28	53,518.28
1-Feb-24	-	12,375.00	12,375.00	4,566.57	-	4,566.57	-	7,808.43	7,808.43
1-Aug-24	50,000.00	12,375.00	62,375.00	4,566.57	-	4,566.57	50,000.00	7,808.43	57,808.43
1-Feb-25	-	11,125.00	11,125.00	4,105.30	-	4,105.30	-	7,019.70	7,019.70
1-Aug-25	50,000.00	11,125.00	61,125.00	4,105.30	-	4,105.30	50,000.00	7,019.70	57,019.70
1-Feb-26	-	9,875.00	9,875.00	3,644.03	-	3,644.03	-	6,230.97	6,230.97
1-Aug-26	50,000.00	9,875.00	59,875.00	3,644.03	-	3,644.03	50,000.00	6,230.97	56,230.97
1-Feb-27	-	8,625.00	8,625.00	3,182.76	-	3,182.76	-	5,442.24	5,442.24
1-Aug-27	55,000.00	8,625.00	63,625.00	3,182.76	-	3,182.76	55,000.00	5,442.24	60,442.24
1-Feb-28	-	7,250.00	7,250.00	2,675.37	-	2,675.37	-	4,574.63	4,574.63
1-Aug-28	55,000.00	7,250.00	62,250.00	2,675.37	-	2,675.37	55,000.00	4,574.63	59,574.63
1-Feb-29	-	5,875.00	5,875.00	2,167.97	-	2,167.97	-	3,707.03	3,707.03
1-Aug-29	55,000.00	5,875.00	60,875.00	2,167.97	-	2,167.97	55,000.00	3,707.03	58,707.03
1-Feb-30	-	4,500.00	4,500.00	1,660.57	-	1,660.57	-	2,839.43	2,839.43
1-Aug-30	60,000.00	4,500.00	64,500.00	1,660.57	-	1,660.57	60,000.00	2,839.43	62,839.43
1-Feb-31	-	3,000.00	3,000.00	1,107.05	-	1,107.05	-	1,892.95	1,892.95
1-Aug-31	60,000.00	3,000.00	63,000.00	1,107.05	-	1,107.05	60,000.00	1,892.95	61,892.95
1-Feb-32	-	1,500.00	1,500.00	553.52	-	553.52	-	946.48	946.48
1-Aug-32	60,000.00	1,500.00	61,500.00	553.52	-	553.52	60,000.00	946.48	60,946.48
1-Feb-33	-	-	-	-	-	-	-	-	-
1-Aug-33	-	-	-	-	-	-	-	-	-
	$1,210,034.00	$1,072,006.16	$2,282,040.16	$394,052.53	$471,266.60	$865,319.13	$1,058,710.16	$358,010.87	$1,416,721.03

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
MWRA Program Bonds, Series 2002A
Outfall Tunnel
SW-99-24-A
Final Structuring Analysis

SCHEDULE C

Grant Evuivalency 45.47%

Schedule of Payments

Initial Principal Amount: $26,045,006.00

Date	Schedule of payments Principal	Interest	Total	Subsidy Amounts Equity Earnings	Contract Assistance Payments	Total	Net Payments Principal	Interest	Total
31-Oct-02									
1-Feb-03	$0.00	$321,312.59	$321,312.59	$121,472.66	$27,290.06	$148,762.72	$0.00	$172,549.87	$172,549.87
1-Aug-03	535,184.00	642,625.19	1,177,809.19	240,275.60	479,862.95	720,138.55	457,670.64	-	457,670.64
1-Feb-04	-	634,597.43	634,597.43	235,338.31	27,290.06	262,628.37	-	371,969.06	371,969.06
1-Aug-04	541,506.00	634,597.43	1,176,103.43	235,338.31	479,862.95	715,201.26	460,902.17	-	460,902.17
1-Feb-05	-	621,059.78	621,059.78	230,342.70	27,290.06	257,632.76	-	363,427.02	363,427.02
1-Aug-05	562,419.00	621,059.78	1,183,478.78	230,342.70	479,862.95	710,205.65	473,273.13	-	473,273.13
1-Feb-06	-	606,999.30	606,999.30	225,154.16	27,290.06	252,444.22	-	354,555.08	354,555.08
1-Aug-06	578,726.00	606,999.30	1,185,725.30	225,154.16	479,862.95	705,017.11	480,708.19	-	480,708.19
1-Feb-07	-	595,424.78	595,424.78	219,815.18	27,290.06	247,105.24	-	348,319.54	348,319.54
1-Aug-07	592,946.00	595,424.78	1,188,370.78	219,815.18	479,862.95	699,678.13	488,692.65	-	488,692.65
1-Feb-08	-	580,601.13	580,601.13	214,345.02	27,290.06	241,635.08	-	338,966.05	338,966.05
1-Aug-08	616,353.00	580,601.13	1,196,954.13	214,345.02	479,862.95	694,207.97	502,746.16	-	502,746.16
1-Feb-09	-	565,192.31	565,192.31	208,658.92	27,290.06	235,948.98	-	329,243.33	329,243.33
1-Aug-09	634,950.00	565,192.31	1,200,142.31	208,658.92	479,862.95	688,521.87	511,620.44	-	511,620.44
1-Feb-10	-	549,318.56	549,318.56	202,801.25	27,290.06	230,091.31	-	319,227.25	319,227.25
1-Aug-10	650,434.00	549,318.56	1,199,752.56	202,801.25	479,862.95	682,664.20	517,088.36	-	517,088.36
1-Feb-11	-	537,935.96	537,935.96	196,800.73	27,290.06	224,090.79	-	313,845.17	313,845.17
1-Aug-11	663,817.00	537,935.96	1,201,752.96	196,800.73	479,862.95	676,663.68	525,089.28	-	525,089.28
1-Feb-12	-	525,904.28	525,904.28	190,676.76	27,290.06	217,966.82	-	307,937.46	307,937.46
1-Aug-12	678,671.00	525,904.28	1,204,575.28	190,676.76	479,862.95	670,539.71	534,035.57	-	534,035.57
1-Feb-13	-	508,937.50	508,937.50	184,415.75	27,290.06	211,705.81	-	297,231.69	297,231.69
1-Aug-13	705,000.00	508,937.50	1,213,937.50	184,415.75	479,862.95	664,278.70	549,658.80	-	549,658.80
1-Feb-14	-	490,431.25	490,431.25	177,911.84	27,290.06	205,201.90	-	285,229.35	285,229.35
1-Aug-14	730,000.00	490,431.25	1,220,431.25	177,911.84	479,862.95	657,774.79	562,656.46	-	562,656.46
1-Feb-15	-	471,268.75	471,268.75	171,177.30	27,290.06	198,467.36	-	272,801.39	272,801.39
1-Aug-15	755,000.00	471,268.75	1,226,268.75	171,177.30	479,862.95	651,040.25	575,228.50	-	575,228.50
1-Feb-16	-	451,450.00	451,450.00	164,212.12	27,290.06	191,502.18	-	259,947.82	259,947.82
1-Aug-16	785,000.00	451,450.00	1,236,450.00	164,212.12	479,862.95	644,075.07	592,374.93	-	592,374.93
1-Feb-17	-	430,843.75	430,843.75	156,970.18	27,290.06	184,260.24	-	246,583.51	246,583.51
1-Aug-17	815,000.00	430,843.75	1,245,843.75	156,970.18	479,862.95	636,833.13	609,010.62	-	609,010.62
1-Feb-18	-	409,450.00	409,450.00	149,451.48	27,290.06	176,741.54	-	232,708.46	232,708.46
1-Aug-18	845,000.00	409,450.00	1,254,450.00	149,451.48	479,862.95	629,314.43	625,135.57	-	625,135.57
1-Feb-19	-	387,268.75	387,268.75	141,656.02	27,290.06	168,946.08	-	218,322.67	218,322.67
1-Aug-19	875,000.00	387,268.75	1,262,268.75	141,656.02	479,862.95	621,518.97	640,749.78	-	640,749.78
1-Feb-20	-	364,300.00	364,300.00	133,583.79	27,290.06	160,873.85	-	203,426.15	203,426.15
1-Aug-20	905,000.00	364,300.00	1,269,300.00	133,583.79	479,862.95	613,446.74	655,853.26	-	655,853.26
1-Feb-21	-	340,543.75	340,543.75	125,234.81	27,290.06	152,524.87	-	188,018.88	188,018.88
1-Aug-21	935,000.00	340,543.75	1,275,543.75	125,234.81	479,862.95	605,097.76	670,445.99	-	670,445.99
1-Feb-22	-	316,000.00	316,000.00	116,609.06	27,290.06	143,899.12	-	172,100.88	172,100.88
1-Aug-22	970,000.00	316,000.00	1,286,000.00	116,609.06	479,862.95	596,472.01	689,527.99	-	689,527.99
1-Feb-23	-	291,750.00	291,750.00	107,660.42	-	107,660.42	-	184,089.58	184,089.58
1-Aug-23	1,005,000.00	291,750.00	1,296,750.00	107,660.42	-	107,660.42	1,005,000.00	184,089.58	1,189,089.58
1-Feb-24	-	266,625.00	266,625.00	98,388.89	-	98,388.89	-	168,236.11	168,236.11
1-Aug-24	1,035,000.00	266,625.00	1,301,625.00	98,388.89	-	98,388.89	1,035,000.00	168,236.11	1,203,236.11
1-Feb-25	-	240,750.00	240,750.00	88,840.60	-	88,840.60	-	151,909.40	151,909.40
1-Aug-25	1,070,000.00	240,750.00	1,310,750.00	88,840.60	-	88,840.60	1,070,000.00	151,909.40	1,221,909.40
1-Feb-26	-	214,000.00	214,000.00	78,969.42	-	78,969.42	-	135,030.58	135,030.58
1-Aug-26	1,105,000.00	214,000.00	1,319,000.00	78,969.42	-	78,969.42	1,105,000.00	135,030.58	1,240,030.58
1-Feb-27	-	186,375.00	186,375.00	68,775.36	-	68,775.36	-	117,599.64	117,599.64
1-Aug-27	1,145,000.00	186,375.00	1,331,375.00	68,775.36	-	68,775.36	1,145,000.00	117,599.64	1,262,599.64
1-Feb-28	-	157,750.00	157,750.00	58,212.27	-	58,212.27	-	99,537.73	99,537.73
1-Aug-28	1,185,000.00	157,750.00	1,342,750.00	58,212.27	-	58,212.27	1,185,000.00	99,537.73	1,284,537.73
1-Feb-29	-	128,125.00	128,125.00	47,280.18	-	47,280.18	-	80,844.82	80,844.82
1-Aug-29	1,225,000.00	128,125.00	1,353,125.00	47,280.18	-	47,280.18	1,225,000.00	80,844.82	1,305,844.82
1-Feb-30	-	97,500.00	97,500.00	35,979.06	-	35,979.06	-	61,520.94	61,520.94
1-Aug-30	1,265,000.00	97,500.00	1,362,500.00	35,979.06	-	35,979.06	1,265,000.00	61,520.94	1,326,520.94
1-Feb-31	-	65,875.00	65,875.00	24,308.93	-	24,308.93	-	41,566.07	41,566.07
1-Aug-31	1,305,000.00	65,875.00	1,370,875.00	24,308.93	-	24,308.93	1,305,000.00	41,566.07	1,346,566.07
1-Feb-32	-	33,250.00	33,250.00	12,269.78	-	12,269.78	-	20,980.22	20,980.22
1-Aug-32	1,330,000.00	33,250.00	1,363,250.00	12,269.78	-	12,269.78	1,330,000.00	20,980.22	1,350,980.22
1-Feb-33	-	-	-	-	-	-	-	-	-
1-Aug-33	-	-	-	-	-	-	-	-	-
	$26,045,006.00	$23,102,992.34	$49,147,998.34	$8,493,428.84	$10,143,060.20	$18,636,489.04	$22,792,468.49	$7,719,040.81	$30,511,509.30

DW-01-02-B

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
MWRA Program Bonds, Series 2002A
Walnut Hill
DW-01-02-B
Pool Structuring Analysis

Grant Equivalency: 50.00%

Schedule of Loan Repayments

Initial Loan Obligation: $4,182,101.00

Date	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayments		
	Principal	Interest	Total	Equity Earnings	Contract Assistance Payments	Total	Principal	Interest	Total
31-Oct-02									
01-Feb-03	$0.00	$51,055.66	$51,055.66	$19,505.12	$4,416.89	23,922.01	$0.00	$27,133.65	$27,133.65
01-Aug-03	154,192.00	102,111.34	256,303.34	38,581.55	88,663.49	127,245.04	129,058.30	0.00	129,058.30
01-Feb-04	0.00	99,798.46	99,798.46	37,159.07	4,416.89	41,575.96	0.00	58,222.50	58,222.50
01-Aug-04	157,724.00	99,798.46	257,522.46	37,159.07	88,663.49	125,822.56	131,699.90	0.00	131,699.90
01-Feb-05	0.00	95,855.36	95,855.36	35,704.00	4,416.89	40,120.89	0.00	55,734.47	55,734.47
01-Aug-05	163,039.00	95,855.36	258,894.36	35,704.00	88,663.49	124,367.49	134,526.87	0.00	134,526.87
01-Feb-06	0.00	91,779.39	91,779.39	34,199.90	4,416.89	38,616.79	0.00	53,162.60	53,162.60
01-Aug-06	167,677.00	91,779.39	259,456.39	34,199.90	88,663.49	122,863.39	136,593.00	0.00	136,593.00
01-Feb-07	0.00	88,425.85	88,425.85	32,653.02	4,416.89	37,069.91	0.00	51,355.94	51,355.94
01-Aug-07	172,471.00	88,425.85	260,896.85	32,653.02	88,663.49	121,316.51	139,580.34	0.00	139,580.34
01-Feb-08	0.00	84,114.07	84,114.07	31,061.90	4,416.89	35,478.79	0.00	48,635.28	48,635.28
01-Aug-08	178,281.00	84,114.07	262,395.07	31,061.90	88,663.49	119,725.39	142,669.68	0.00	142,669.68
01-Feb-09	0.00	79,657.05	79,657.05	29,417.19	4,416.89	33,834.08	0.00	45,822.97	45,822.97
01-Aug-09	184,286.00	79,657.05	263,943.05	29,417.19	88,663.49	118,080.68	145,862.37	0.00	145,862.37
01-Feb-10	0.00	75,049.90	75,049.90	27,717.08	4,416.89	32,133.97	0.00	42,915.93	42,915.93
01-Aug-10	189,048.00	75,049.90	264,097.90	27,717.08	88,663.49	116,380.57	147,717.33	0.00	147,717.33
01-Feb-11	0.00	71,741.56	71,741.56	25,973.03	4,416.89	30,389.92	0.00	41,351.64	41,351.64
01-Aug-11	192,621.00	71,741.56	264,362.56	25,973.03	88,663.49	114,636.52	149,726.04	0.00	149,726.04
01-Feb-12	0.00	68,250.30	68,250.30	24,196.03	4,416.89	28,612.92	0.00	39,637.38	39,637.38
01-Aug-12	197,762.00	68,250.30	266,012.30	24,196.03	88,663.49	112,859.52	153,152.78	0.00	153,152.78
01-Feb-13	0.00	63,306.25	63,306.25	22,371.60	4,416.89	26,788.49	0.00	36,517.76	36,517.76
01-Aug-13	205,000.00	63,306.25	268,306.25	22,371.60	88,663.49	111,035.09	157,271.16	0.00	157,271.16
01-Feb-14	0.00	57,925.00	57,925.00	20,480.39	4,416.89	24,897.28	0.00	33,027.72	33,027.72
01-Aug-14	215,000.00	57,925.00	272,925.00	20,480.39	88,663.49	109,143.88	163,781.12	0.00	163,781.12
01-Feb-15	0.00	52,281.25	52,281.25	18,496.93	4,416.89	22,913.82	0.00	29,367.43	29,367.43
01-Aug-15	220,000.00	52,281.25	272,281.25	18,496.93	88,663.49	107,160.42	165,120.83	0.00	165,120.83
01-Feb-16	0.00	46,506.25	46,506.25	16,467.34	4,416.89	20,884.23	0.00	25,622.02	25,622.02
01-Aug-16	230,000.00	46,506.25	276,506.25	16,467.34	88,663.49	105,130.83	171,375.42	0.00	171,375.42
01-Feb-17	0.00	40,468.75	40,468.75	14,345.50	4,416.89	18,762.39	0.00	21,706.36	21,706.36
01-Aug-17	235,000.00	40,468.75	275,468.75	14,345.50	88,663.49	103,008.99	172,459.76	0.00	172,459.76
01-Feb-18	0.00	34,300.00	34,300.00	12,177.53	4,416.89	16,594.42	0.00	17,705.58	17,705.58
01-Aug-18	245,000.00	34,300.00	279,300.00	12,177.53	88,663.49	100,841.02	178,458.98	0.00	178,458.98
01-Feb-19	0.00	27,868.75	27,868.75	9,917.31	4,416.89	14,334.20	0.00	13,534.55	13,534.55
01-Aug-19	255,000.00	27,868.75	282,868.75	9,917.31	88,663.49	98,580.80	184,287.95	0.00	184,287.95
01-Feb-20	0.00	21,175.00	21,175.00	7,564.83	4,416.89	11,981.72	0.00	9,193.28	9,193.28
01-Aug-20	265,000.00	21,175.00	286,175.00	7,564.83	88,663.49	96,228.32	189,946.68	0.00	189,946.68
01-Feb-21	0.00	14,218.75	14,218.75	5,120.10	4,416.89	9,536.99	0.00	4,681.76	4,681.76
01-Aug-21	275,000.00	14,218.75	289,218.75	5,120.10	88,663.49	93,783.59	195,435.16	0.00	195,435.16
01-Feb-22	0.00	7,000.00	7,000.00	2,583.11	4,416.89	7,000.00	0.00	0.00	0.00
01-Aug-22	280,000.00	7,000.00	287,000.00	2,583.11	88,663.49	91,246.60	195,753.40	0.00	195,753.40
01-Feb-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	$4,182,101.00	$2,392,610.88	$6,574,711.88	$873,298.39	$1,861,607.50	$2,734,905.89	$3,184,477.17	$655,328.82	$3,839,805.99

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
MWRA Program Bonds, Series 2002A
Walnut Hill
DW-01-02-C
Final Structuring Analysis

SCHEDULE C

Grant Equivalency: 50.00%

Schedule of Loan Repayments

Initial Loan Obligation: $5,142,227.00

	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayments		
Date	Principal	Interest	Total	Equity Earnings	Contract Assistance Payments	Total	Principal	Interest	Total
31-Oct-02									
1-Feb-03	$0.00	$62,755.22	$62,755.22	$23,983.10	$5,363.36	$29,346.46	$0.00	$33,408.76	$33,408.76
1-Aug-03	190,681.00	125,510.43	316,191.43	47,439.10	109,174.53	156,613.63	159,577.80	-	159,577.80
1-Feb-04	-	122,650.22	122,650.22	45,679.99	5,363.36	51,043.35	-	71,606.87	71,606.87
1-Aug-04	195,038.00	122,650.22	317,688.22	45,679.99	109,174.53	154,854.52	162,833.70	-	162,833.70
1-Feb-05	-	117,774.27	117,774.27	43,880.69	5,363.36	49,244.05	-	68,530.22	68,530.22
1-Aug-05	201,593.00	117,774.27	319,367.27	43,880.69	109,174.53	153,055.22	166,312.05	-	166,312.05
1-Feb-06	-	112,734.44	112,734.44	42,020.91	5,363.36	47,384.27	-	65,350.17	65,350.17
1-Aug-06	207,314.00	112,734.44	320,048.44	42,020.91	109,174.53	151,195.44	168,853.00	-	168,853.00
1-Feb-07	-	108,588.16	108,588.16	40,108.36	5,363.36	45,471.72	-	63,116.44	63,116.44
1-Aug-07	213,228.00	108,588.16	321,816.16	40,108.36	109,174.53	149,282.89	172,533.27	-	172,533.27
1-Feb-08	-	103,257.46	103,257.46	38,141.24	5,363.36	43,504.60	-	59,752.86	59,752.86
1-Aug-08	220,394.00	103,257.46	323,651.46	38,141.24	109,174.53	147,315.77	176,335.69	-	176,335.69
1-Feb-09	-	97,747.61	97,747.61	36,108.02	5,363.36	41,471.38	-	56,276.23	56,276.23
1-Aug-09	227,801.00	97,747.61	325,548.61	36,108.02	109,174.53	145,282.55	180,266.06	-	180,266.06
1-Feb-10	-	92,052.59	92,052.59	34,006.47	5,363.36	39,369.83	-	52,682.76	52,682.76
1-Aug-10	233,675.00	92,052.59	325,727.59	34,006.47	109,174.53	143,181.00	182,546.59	-	182,546.59
1-Feb-11	-	87,963.27	87,963.27	31,850.72	5,363.36	37,214.08	-	50,749.19	50,749.19
1-Aug-11	238,081.00	87,963.27	326,044.27	31,850.72	109,174.53	141,025.25	185,019.02	-	185,019.02
1-Feb-12	-	83,648.05	83,648.05	29,654.33	5,363.36	35,017.69	-	48,630.36	48,630.36
1-Aug-12	244,422.00	83,648.05	328,070.05	29,654.33	109,174.53	138,828.86	189,241.19	-	189,241.19
1-Feb-13	-	77,537.50	77,537.50	27,399.44	5,363.36	32,762.80	-	44,774.70	44,774.70
1-Aug-13	255,000.00	77,537.50	332,537.50	27,399.44	109,174.53	136,573.97	195,963.53	-	195,963.53
1-Feb-14	-	70,843.75	70,843.75	25,046.96	5,363.36	30,410.32	-	40,433.43	40,433.43
1-Aug-14	260,000.00	70,843.75	330,843.75	25,046.96	109,174.53	134,221.49	196,622.26	-	196,622.26
1-Feb-15	-	64,018.75	64,018.75	22,648.36	5,363.36	28,011.72	-	36,007.03	36,007.03
1-Aug-15	270,000.00	64,018.75	334,018.75	22,648.36	109,174.53	131,822.89	202,195.86	-	202,195.86
1-Feb-16	-	56,931.25	56,931.25	20,157.50	5,363.36	25,520.86	-	31,410.39	31,410.39
1-Aug-16	280,000.00	56,931.25	336,931.25	20,157.50	109,174.53	129,332.03	207,599.22	-	207,599.22
1-Feb-17	-	49,581.25	49,581.25	17,574.39	5,363.36	22,937.75	-	26,643.50	26,643.50
1-Aug-17	290,000.00	49,581.25	339,581.25	17,574.39	109,174.53	126,748.92	212,832.33	-	212,832.33
1-Feb-18	-	41,968.75	41,968.75	14,899.02	5,363.36	20,262.38	-	21,706.37	21,706.37
1-Aug-18	300,000.00	41,968.75	341,968.75	14,899.02	109,174.53	124,073.55	217,895.20	-	217,895.20
1-Feb-19	-	34,093.75	34,093.75	12,131.40	5,363.36	17,494.76	-	16,598.99	16,598.99
1-Aug-19	315,000.00	34,093.75	349,093.75	12,131.40	109,174.53	121,305.93	227,787.82	-	227,787.82
1-Feb-20	-	25,825.00	25,825.00	9,225.40	5,363.36	14,588.76	-	11,236.24	11,236.24
1-Aug-20	325,000.00	25,825.00	350,825.00	9,225.40	109,174.53	118,399.93	232,425.07	-	232,425.07
1-Feb-21	-	17,293.75	17,293.75	6,227.15	5,363.36	11,590.51	-	5,703.24	5,703.24
1-Aug-21	335,000.00	17,293.75	352,293.75	6,227.15	109,174.53	115,401.68	236,892.07	-	236,892.07
1-Feb-22	-	8,500.00	8,500.00	3,136.64	5,363.36	8,500.00	-	-	-
1-Aug-22	340,000.00	8,500.00	348,500.00	3,136.64	109,174.53	112,311.17	236,188.83	-	236,188.83
1-Feb-23	-	-	-	-	-	-	-	-	-
1-Aug-23	-	-	-	-	-	-	-	-	-
1-Feb-24	-	-	-	-	-	-	-	-	-
1-Aug-24	-	-	-	-	-	-	-	-	-
1-Feb-25	-	-	-	-	-	-	-	-	-
1-Aug-25	-	-	-	-	-	-	-	-	-
1-Feb-26	-	-	-	-	-	-	-	-	-
1-Aug-26	-	-	-	-	-	-	-	-	-
1-Feb-27	-	-	-	-	-	-	-	-	-
1-Aug-27	-	-	-	-	-	-	-	-	-
1-Feb-28	-	-	-	-	-	-	-	-	-
1-Aug-28	-	-	-	-	-	-	-	-	-
1-Feb-29	-	-	-	-	-	-	-	-	-
1-Aug-29	-	-	-	-	-	-	-	-	-
1-Feb-30	-	-	-	-	-	-	-	-	-
1-Aug-30	-	-	-	-	-	-	-	-	-
1-Feb-31	-	-	-	-	-	-	-	-	-
1-Aug-31	-	-	-	-	-	-	-	-	-
1-Feb-32	-	-	-	-	-	-	-	-	-
1-Aug-32	-	-	-	-	-	-	-	-	-
1-Feb-33	-	-	-	-	-	-	-	-	-
1-Aug-33	-	-	-	-	-	-	-	-	-
	$5,142,227.00	$2,934,285.29	$8,076,512.29	$1,071,216.18	$2,290,757.78	$3,361,973.96	$3,909,920.58	$804,617.75	$4,714,538.33

SCHEDULE C

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
MWRA Program Bonds, Series 2002A
Walnut Hill
DW-02-01
Final Structuring Analysis

Grant Equivalency: 50.00%

Schedule of Loan Repayments

Initial Loan Obligation: $23,810,672.00

Date	Scheduled Loan Repayments Principal	Interest	Total	Loan Subsidy Amounts Equity Earnings	Contract Assistance Payments	Total	Net Loan Repayments Principal	Interest	Total
31-Oct-02									
1-Feb-03	$0.00	$290,601.62	$290,601.62	$111,051.84	$25,002.74	$136,054.58	$0.00	$154,547.04	$154,547.04
1-Aug-03	885,127.00	581,203.24	1,466,330.24	219,662.97	508,921.46	728,584.43	737,745.81	-	737,745.81
1-Feb-04	-	567,926.33	567,926.33	211,497.32	25,002.74	236,500.06	-	331,426.27	331,426.27
1-Aug-04	902,238.00	567,926.33	1,470,164.33	211,497.32	508,921.46	720,418.78	749,745.55	-	749,745.55
1-Feb-05	-	545,370.38	545,370.38	203,173.82	25,002.74	228,176.56	-	317,193.82	317,193.82
1-Aug-05	930,368.00	545,370.38	1,475,738.38	203,173.82	508,921.46	712,095.28	763,643.10	-	763,643.10
1-Feb-06	-	522,111.18	522,111.18	194,590.80	25,002.74	219,593.54	-	302,517.64	302,517.64
1-Aug-06	960,009.00	522,111.18	1,482,120.18	194,590.80	508,921.46	703,512.26	778,607.92	-	778,607.92
1-Feb-07	-	502,911.00	502,911.00	185,734.33	25,002.74	210,737.07	-	292,173.93	292,173.93
1-Aug-07	984,301.00	502,911.00	1,487,212.00	185,734.33	508,921.46	694,655.79	792,556.21	-	792,556.21
1-Feb-08	-	478,303.48	478,303.48	176,653.76	25,002.74	201,656.50	-	276,646.98	276,646.98
1-Aug-08	1,016,325.00	478,303.48	1,494,628.48	176,653.76	508,921.46	685,575.22	809,053.26	-	809,053.26
1-Feb-09	-	452,895.35	452,895.35	167,277.76	25,002.74	192,280.50	-	260,614.85	260,614.85
1-Aug-09	1,057,913.00	452,895.35	1,510,808.35	167,277.76	508,921.46	676,199.22	834,609.13	-	834,609.13
1-Feb-10	-	426,447.53	426,447.53	157,518.09	25,002.74	182,520.83	-	243,926.70	243,926.70
1-Aug-10	1,077,277.00	426,447.53	1,503,724.53	157,518.09	508,921.46	666,439.55	837,284.98	-	837,284.98
1-Feb-11	-	407,595.18	407,595.18	147,579.78	25,002.74	172,582.52	-	235,012.66	235,012.66
1-Aug-11	1,099,298.00	407,595.18	1,506,893.18	147,579.78	508,921.46	656,501.24	850,391.94	-	850,391.94
1-Feb-12	-	387,670.40	387,670.40	137,438.31	25,002.74	162,441.05	-	225,229.35	225,229.35
1-Aug-12	1,132,816.00	387,670.40	1,520,486.40	137,438.31	508,921.46	646,359.77	874,126.63	-	874,126.63
1-Feb-13	-	359,350.00	359,350.00	126,987.63	25,002.74	151,990.37	-	207,359.63	207,359.63
1-Aug-13	1,170,000.00	359,350.00	1,529,350.00	126,987.63	508,921.46	635,909.09	893,440.91	-	893,440.91
1-Feb-14	-	328,637.50	328,637.50	116,193.91	25,002.74	141,196.65	-	187,440.85	187,440.85
1-Aug-14	1,210,000.00	328,637.50	1,538,637.50	116,193.91	508,921.46	625,115.37	913,522.13	-	913,522.13
1-Feb-15	-	296,875.00	296,875.00	105,031.18	25,002.74	130,033.92	-	166,841.08	166,841.08
1-Aug-15	1,255,000.00	296,875.00	1,551,875.00	105,031.18	508,921.46	613,952.64	937,922.36	-	937,922.36
1-Feb-16	-	263,931.25	263,931.25	93,453.30	25,002.74	118,456.04	-	145,475.21	145,475.21
1-Aug-16	1,300,000.00	263,931.25	1,563,931.25	93,453.30	508,921.46	602,374.76	961,556.49	-	961,556.49
1-Feb-17	-	229,806.25	229,806.25	81,460.28	25,002.74	106,463.02	-	123,343.23	123,343.23
1-Aug-17	1,350,000.00	229,806.25	1,579,806.25	81,460.28	508,921.46	590,381.74	989,424.51	-	989,424.51
1-Feb-18	-	194,368.75	194,368.75	69,005.99	25,002.74	94,008.73	-	100,360.02	100,360.02
1-Aug-18	1,395,000.00	194,368.75	1,589,368.75	69,005.99	508,921.46	577,927.45	1,011,441.30	-	1,011,441.30
1-Feb-19	-	157,750.00	157,750.00	56,136.56	25,002.74	81,139.30	-	76,610.70	76,610.70
1-Aug-19	1,445,000.00	157,750.00	1,602,750.00	56,136.56	508,921.46	565,058.02	1,037,691.98	-	1,037,691.98
1-Feb-20	-	119,818.75	119,818.75	42,805.86	25,002.74	67,808.60	-	52,010.15	52,010.15
1-Aug-20	1,500,000.00	119,818.75	1,619,818.75	42,805.86	508,921.46	551,727.32	1,068,091.43	-	1,068,091.43
1-Feb-21	-	80,443.75	80,443.75	28,967.76	25,002.74	53,970.50	-	26,473.25	26,473.25
1-Aug-21	1,555,000.00	80,443.75	1,635,443.75	28,967.76	508,921.46	537,889.22	1,097,554.53	-	1,097,554.53
1-Feb-22	-	39,625.00	39,625.00	14,622.26	25,002.74	39,625.00	-	-	-
1-Aug-22	1,585,000.00	39,625.00	1,624,625.00	14,622.26	508,921.46	523,543.72	1,101,081.28	-	1,101,081.28
1-Feb-23	-	-	-	-	-	-	-	-	-
1-Aug-23	-	-	-	-	-	-	-	-	-
1-Feb-24	-	-	-	-	-	-	-	-	-
1-Aug-24	-	-	-	-	-	-	-	-	-
1-Feb-25	-	-	-	-	-	-	-	-	-
1-Aug-25	-	-	-	-	-	-	-	-	-
1-Feb-26	-	-	-	-	-	-	-	-	-
1-Aug-26	-	-	-	-	-	-	-	-	-
1-Feb-27	-	-	-	-	-	-	-	-	-
1-Aug-27	-	-	-	-	-	-	-	-	-
1-Feb-28	-	-	-	-	-	-	-	-	-
1-Aug-28	-	-	-	-	-	-	-	-	-
1-Feb-29	-	-	-	-	-	-	-	-	-
1-Aug-29	-	-	-	-	-	-	-	-	-
1-Feb-30	-	-	-	-	-	-	-	-	-
1-Aug-30	-	-	-	-	-	-	-	-	-
1-Feb-31	-	-	-	-	-	-	-	-	-
1-Aug-31	-	-	-	-	-	-	-	-	-
1-Feb-32	-	-	-	-	-	-	-	-	-
1-Aug-32	-	-	-	-	-	-	-	-	-
1-Feb-33	-	-	-	-	-	-	-	-	-
1-Aug-33	-	-	-	-	-	-	-	-	-
	$23,810,672.00	$13,595,479.02	$37,406,151.02	$4,962,972.21	$10,678,484.09	$15,641,456.30	$18,039,491.36	$3,725,203.36	$21,764,694.72

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
Pool Program Bonds, Series 11

MWRA - LOAN ORIGINATION FEE BOND
LOF-05-01

Source of Funds: MWPAT Direct Loan

Summary of Fees

Series 11 MWRA Loans		Loan Origination Fees		Annual Payment
		If Paid by 7/15/06	Paid Over 20 Years	Due 7/15
Loan	Principal	$6.10	($6.10 @ 2%)	2006-2025
CW-05-07	3,000,000	18,300.00	22,383.36	1,119.17
CW-05-01	4,000,000	24,400.00	29,844.48	1,492.22
CW-05-04-B	52,170,227	318,238.38	389,248.30	19,462.42
CW-05-08	3,000,000	18,300.00	22,383.36	1,119.17
CW-05-09	4,500,000	27,450.00	33,575.04	1,678.75
DW-05-04	2,927,158	17,855.66	21,839.88	1,091.99
DW-05-03	11,000,000	67,100.00	82,072.32	4,103.62
DW-05-05	1,000,000	6,100.00	7,461.12	373.06
	81,597,385	497,744.05	608,807.85	30,440.39

Schedule of Payments

Payment #	Due Date	Payment
1	15-Jul-2006	30,440.39
2	15-Jul-2007	30,440.39
3	15-Jul-2008	30,440.39
4	15-Jul-2009	30,440.39
5	15-Jul-2010	30,440.39
6	15-Jul-2011	30,440.39
7	15-Jul-2012	30,440.39
8	15-Jul-2013	30,440.39
9	15-Jul-2014	30,440.39
10	15-Jul-2015	30,440.39
11	15-Jul-2016	30,440.39
12	15-Jul-2017	30,440.39
13	15-Jul-2018	30,440.39
14	15-Jul-2019	30,440.39
15	15-Jul-2020	30,440.39
16	15-Jul-2021	30,440.39
17	15-Jul-2022	30,440.39
18	15-Jul-2023	30,440.39
19	15-Jul-2024	30,440.39
20	15-Jul-2025	30,440.39
		608,807.85

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
Pool Program Bonds, Series 12

MWRA - LOAN ORIGINATION FEE BOND
LOF-06-01

Source of Funds: MWPAT Direct Loan Admin.

Summary of Fees

Series 12 MWRA Loans		Loan Origination Fees		
Loan	Principal	If Paid by 7/15/07 $5.61	Paid Over 20 Years (@2%)	Annualized Payment
CW 10 yr	8,249,820	46,259.91	56,582.09	2,829.10
CW 30 yr	58,536,133	328,234.65	401,475.08	20,073.75
DW-06-02	22,070,746	123,759.17	151,374.09	7,568.70
DW 2%	7,851,734	44,027.71	53,851.81	2,692.59
	96,708,433	542,281.44	663,283.06	33,164.15

Schedule of Payments

Payment #	Due Date	Principal	Interest	Total Payment
1	15-Jul-2007	22,318.52	6,356.74	28,675.27
2	15-Jul-2008	22,764.89	10,399.26	33,164.15
3	15-Jul-2009	23,220.19	9,943.96	33,164.15
4	15-Jul-2010	23,684.60	9,479.56	33,164.15
5	15-Jul-2011	24,158.29	9,005.86	33,164.15
6	15-Jul-2012	24,641.45	8,522.70	33,164.15
7	15-Jul-2013	25,134.28	8,029.87	33,164.15
8	15-Jul-2014	25,636.97	7,527.18	33,164.15
9	15-Jul-2015	26,149.71	7,014.44	33,164.15
10	15-Jul-2016	26,672.70	6,491.45	33,164.15
11	15-Jul-2017	27,206.16	5,958.00	33,164.15
12	15-Jul-2018	27,750.28	5,413.87	33,164.15
13	15-Jul-2019	28,305.29	4,858.87	33,164.15
14	15-Jul-2020	28,871.39	4,292.76	33,164.15
15	15-Jul-2021	29,448.82	3,715.33	33,164.15
16	15-Jul-2022	30,037.80	3,126.36	33,164.15
17	15-Jul-2023	30,638.55	2,525.60	33,164.15
18	15-Jul-2024	31,251.32	1,912.83	33,164.15
19	15-Jul-2025	31,876.35	1,287.80	33,164.15
20	15-Jul-2026	32,513.88	650.28	33,164.15
		542,281.44	116,512.74	658,794.18

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 6
MWRA
99-22A
Final Structuring Analysis

AMENDED SCHEDULE C

G.E. 50.00%

Schedule of Payments

Initial Principal Amount: 1,101,356.50

	Schedule of Payments			Subsidy Amounts			Net Payments		
Date	Principal	Interest	Total	Equity Earnings	Commonwealth Subsidies	Total	Principal	Interest	Total
01-Feb-05	0.00	26,974.44	26,974.44	11,578.12	0.00	11,578.12	0.00	15,396.32	15,396.32
01-Aug-05	27,001.20	28,769.10	55,770.30	11,578.12	18,596.25	30,174.37	25,595.93	0.00	25,595.93
01-Feb-06	0.00	28,591.85	28,591.85	11,294.27	757.75	12,052.02	0.00	16,539.83	16,539.83
01-Aug-06	27,770.09	28,601.45	56,371.54	11,294.27	18,870.70	30,164.97	26,206.57	0.00	26,206.57
01-Feb-07	0.00	28,521.38	28,521.38	11,002.33	1,015.13	12,017.46	0.00	16,503.92	16,503.92
01-Aug-07	28,667.74	26,736.13	55,403.87	11,002.33	18,600.83	29,603.16	25,800.71	0.00	25,800.71
01-Feb-08	0.00	28,400.19	28,400.19	10,700.96	1,015.13	11,716.09	0.00	16,684.10	16,684.10
01-Aug-08	29,593.64	26,131.69	55,725.33	10,700.96	19,001.75	29,702.71	26,022.62	0.00	26,022.62
01-Feb-09	0.00	28,314.10	28,314.10	10,389.85	1,015.13	11,404.98	0.00	16,909.12	16,909.12
01-Aug-09	30,550.20	23,704.00	54,254.20	10,389.85	18,897.01	29,286.86	24,967.34	0.00	24,967.34
01-Feb-10	0.00	28,990.52	28,990.52	10,068.69	1,015.13	11,083.82	0.00	17,906.70	17,906.70
01-Aug-10	31,577.52	22,619.73	54,197.25	10,068.69	18,967.12	29,035.81	25,161.44	0.00	25,161.44
01-Feb-11	0.00	28,584.15	28,584.15	9,736.73	1,015.13	10,751.86	0.00	17,832.29	17,832.29
01-Aug-11	33,403.79	22,224.68	55,628.47	9,736.73	18,877.62	28,614.35	27,014.12	0.00	27,014.12
01-Feb-12	0.00	27,094.45	27,094.45	9,385.57	1,015.13	10,400.70	0.00	16,693.75	16,693.75
01-Aug-12	33,403.79	20,652.48	54,056.27	9,385.57	18,063.83	27,449.40	26,606.87	0.00	26,606.87
01-Feb-13	0.00	25,327.13	25,327.13	9,034.41	1,015.13	10,049.54	0.00	15,277.59	15,277.59
01-Aug-13	34,922.15	20,984.42	55,906.57	9,034.41	18,573.30	27,607.71	28,298.86	0.00	28,298.86
01-Feb-14	0.00	24,196.85	24,196.85	8,667.29	1,015.13	9,682.42	0.00	14,514.44	14,514.44
01-Aug-14	36,440.50	20,893.86	57,334.36	8,667.29	18,693.36	27,360.65	29,973.71	0.00	29,973.71
01-Feb-15	0.00	22,611.56	22,611.56	8,284.20	1,015.13	9,299.33	0.00	13,312.23	13,312.23
01-Aug-15	37,958.86	19,848.23	57,807.09	8,284.20	18,580.89	26,865.09	30,942.00	0.00	30,942.00
01-Feb-16	0.00	21,430.86	21,430.86	7,885.15	1,015.13	8,900.28	0.00	12,530.57	12,530.57
01-Aug-16	39,477.21	19,271.39	58,748.60	7,885.15	18,615.44	26,500.60	32,248.01	0.00	32,248.01
01-Feb-17	0.00	19,898.91	19,898.91	7,470.15	1,015.13	8,485.28	0.00	11,413.63	11,413.63
01-Aug-17	39,477.21	18,634.30	58,111.51	7,470.15	18,644.25	26,114.40	31,997.11	0.00	31,997.11
01-Feb-18	0.00	18,361.71	18,361.71	7,055.14	1,009.46	8,064.60	0.00	10,297.11	10,297.11
01-Aug-18	40,995.57	18,034.49	59,030.06	7,055.14	18,899.49	25,954.63	33,075.43	0.00	33,075.43
01-Feb-19	0.00	16,701.82	16,701.82	6,624.17	756.02	7,380.19	0.00	9,321.63	9,321.63
01-Aug-19	42,513.92	17,220.04	59,733.96	6,624.17	19,068.77	25,692.94	34,041.02	0.00	34,041.02
01-Feb-20	0.00	15,433.67	15,433.67	6,177.24	679.94	6,857.17	0.00	8,576.49	8,576.49
01-Aug-20	44,032.27	16,104.05	60,136.32	6,177.24	19,068.77	25,246.01	34,890.31	0.00	34,890.31
01-Feb-21	0.00	14,374.03	14,374.03	5,714.34	1,015.13	6,729.47	0.00	7,644.56	7,644.56
01-Aug-21	45,550.63	12,737.20	58,287.83	5,714.34	19,068.77	24,783.11	33,504.72	0.00	33,504.72
01-Feb-22	0.00	13,185.13	13,185.13	5,235.49	1,015.13	6,250.62	0.00	6,934.51	6,934.51
01-Aug-22	48,587.34	13,695.56	62,282.90	5,235.49	19,068.77	24,304.26	37,978.64	0.00	37,978.64
01-Feb-23	0.00	11,860.77	11,860.77	4,724.71	1,015.13	5,739.84	0.00	6,120.93	6,120.93
01-Aug-23	50,105.69	12,359.40	62,465.09	4,724.71	19,068.77	23,793.48	38,671.61	0.00	38,671.61
01-Feb-24	0.00	10,496.11	10,496.11	4,197.97	1,015.13	5,213.10	0.00	5,283.01	5,283.01
01-Aug-24	51,624.05	0.00	51,624.05	4,197.97	26,038.94	30,236.91	21,387.14	0.00	21,387.14
01-Feb-25	0.00	9,561.84	9,561.84	3,655.26	1,015.13	4,670.39	0.00	4,891.45	4,891.45
01-Aug-25	53,142.40	9,561.84	62,704.24	3,655.26	19,068.77	22,724.03	39,980.21	0.00	39,980.21
01-Feb-26	0.00	8,100.42	8,100.42	3,096.60	1,015.13	4,111.73	0.00	3,988.69	3,988.69
01-Aug-26	54,660.75	8,100.42	62,761.17	3,096.60	19,068.77	22,165.37	40,595.80	0.00	40,595.80
01-Feb-27	0.00	6,597.25	6,597.25	2,521.97	1,015.13	3,537.10	0.00	3,060.15	3,060.15
01-Aug-27	57,697.46	6,597.25	64,294.71	2,521.97	19,068.77	21,590.74	42,703.97	0.00	42,703.97
01-Feb-28	0.00	5,010.57	5,010.57	1,915.42	1,015.13	2,930.55	0.00	2,080.02	2,080.02
01-Aug-28	59,215.82	5,010.57	64,226.39	1,915.42	19,068.77	20,984.19	43,242.20	0.00	43,242.20
01-Feb-29	0.00	3,382.13	3,382.13	1,292.91	1,015.13	2,308.04	0.00	1,074.09	1,074.09
01-Aug-29	60,734.17	3,382.13	64,116.30	1,292.91	19,068.77	20,361.68	43,754.62	0.00	43,754.62
01-Feb-30	0.00	1,711.94	1,711.94	654.44	1,015.13	1,669.57	0.00	42.37	42.37
01-Aug-30	62,252.53	1,711.94	63,964.47	654.44	19,068.77	19,723.21	44,241.26	0.00	44,241.26
	$1,101,356.50	$897,300.11	$1,998,656.61	$356,726.73	$522,198.15	$878,924.89	$848,902.23	$270,829.49	$1,119,731.72

*Includes a credit for debt service savings the Trust expects to receive on such Payment Date as a result of the refunding of a portion of the Bonds, which savings are allocable to the Issuer pursuant to Section 4(i) of the Bond Purchase Agreement.

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 6
MWRA
99-23
Final Structuring Analysis

AMENDED SCHEDU

G.E.

Schedule of Payments

Initial Principal Amount: 9,113,710.00

	Schedule of Payments			Subsidy Amounts			Net Payments	
Date	Principal	Interest	Total	Equity Earnings	Commonwealth Subsidies	Total	Principal	Interest
01-Feb-05	0.00	223,281.97	223,281.97	95,808.79	0.00	95,808.79	0.00	127,473.18
01-Aug-05	223,335.00	238,057.93	461,392.93	95,808.79	153,955.56	249,764.35	211,628.58	0.00
01-Feb-06	0.00	236,594.00	236,594.00	93,460.96	6,194.23	99,655.18	0.00	136,938.82
01-Aug-06	229,690.00	236,673.48	466,363.48	93,460.96	156,227.01	249,687.96	216,675.52	0.00
01-Feb-07	0.00	236,014.34	236,014.34	91,046.32	8,324.37	99,370.69	0.00	136,643.66
01-Aug-07	237,110.00	221,239.14	458,349.14	91,046.32	153,993.47	245,039.79	213,309.35	0.00
01-Feb-08	0.00	235,015.23	235,015.23	88,553.67	8,324.37	96,878.04	0.00	138,137.19
01-Aug-08	244,760.00	216,240.50	461,000.50	88,553.67	157,311.56	245,865.24	215,135.26	0.00
01-Feb-09	0.00	234,306.91	234,306.91	85,980.61	8,324.37	94,304.98	0.00	140,001.93
01-Aug-09	252,667.00	196,152.51	448,819.51	85,980.61	156,444.72	242,425.33	206,394.18	0.00
01-Feb-10	0.00	239,909.69	239,909.69	83,324.42	8,324.37	91,648.79	0.00	148,260.90
01-Aug-10	261,148.00	187,183.39	448,331.39	83,324.42	157,024.95	240,349.37	207,982.02	0.00
01-Feb-11	0.00	236,551.63	236,551.63	80,579.08	8,324.37	88,903.45	0.00	147,648.18
01-Aug-11	270,000.00	184,214.44	454,214.44	80,579.08	156,302.69	236,881.77	217,332.67	0.00
01-Feb-12	0.00	224,133.42	224,133.42	77,740.68	8,324.37	86,065.05	0.00	138,068.37
01-Aug-12	280,000.00	170,856.19	450,856.19	77,740.68	149,490.19	227,230.87	223,625.32	0.00
01-Feb-13	0.00	209,779.17	209,779.17	74,797.15	8,324.37	83,121.52	0.00	126,657.65
01-Aug-13	290,000.00	173,687.22	463,687.22	74,797.15	153,756.46	228,553.60	235,133.61	0.00
01-Feb-14	0.00	200,324.42	200,324.42	71,748.50	8,324.37	80,072.87	0.00	120,251.56
01-Aug-14	300,000.00	172,991.07	472,991.07	71,748.50	154,766.53	226,515.02	246,476.05	0.00
01-Feb-15	0.00	187,196.96	187,196.96	68,594.72	8,324.37	76,919.09	0.00	110,277.87
01-Aug-15	310,000.00	164,465.21	474,465.21	68,594.72	153,860.70	222,455.42	252,009.80	0.00
01-Feb-16	0.00	177,504.92	177,504.92	65,335.81	8,324.37	73,660.18	0.00	103,844.74
01-Aug-16	320,000.00	159,825.42	479,825.42	65,335.81	154,161.48	219,497.29	260,328.13	0.00
01-Feb-17	0.00	165,027.52	165,027.52	61,971.78	8,324.37	70,296.15	0.00	94,731.38
01-Aug-17	335,000.00	154,453.09	489,453.09	61,971.78	154,277.18	216,248.96	273,204.13	0.00
01-Feb-18	0.00	152,115.40	152,115.40	58,450.06	8,277.38	66,727.43	0.00	85,387.96
01-Aug-18	345,000.00	149,366.84	494,366.84	58,450.06	156,444.99	214,895.04	279,471.79	0.00
01-Feb-19	0.00	138,218.90	138,218.90	54,823.21	6,180.70	61,003.91	0.00	77,215.00
01-Aug-19	355,000.00	142,506.25	497,506.25	54,823.21	157,866.26	212,689.47	284,816.78	0.00
01-Feb-20	0.00	127,651.67	127,651.67	51,091.24	5,556.46	56,647.69	0.00	71,003.98
01-Aug-20	370,000.00	133,187.50	503,187.50	51,091.24	157,866.26	208,957.50	294,230.00	0.00
01-Feb-21	0.00	118,755.78	118,755.78	47,201.57	8,324.37	55,525.94	0.00	63,229.83
01-Aug-21	380,000.00	105,059.67	485,059.67	47,201.57	157,866.26	205,067.83	279,991.84	0.00
01-Feb-22	0.00	108,847.94	108,847.94	43,206.79	8,324.37	51,531.16	0.00	57,316.78
01-Aug-22	395,000.00	113,025.00	508,025.00	43,206.79	157,866.26	201,073.05	306,951.95	0.00
01-Feb-23	0.00	98,069.61	98,069.61	39,054.31	8,324.37	47,378.68	0.00	50,690.93
01-Aug-23	410,000.00	102,162.50	512,162.50	39,054.31	157,866.26	196,920.57	315,241.93	0.00
01-Feb-24	0.00	86,891.46	86,891.46	34,744.14	8,324.37	43,068.51	0.00	43,822.95
01-Aug-24	425,000.00	0.00	425,000.00	34,744.14	214,767.61 *	249,511.75	175,488.25	0.00
01-Feb-25	0.00	79,200.00	79,200.00	30,276.29	8,324.37	38,600.66	0.00	40,599.34
01-Aug-25	440,000.00	79,200.00	519,200.00	30,276.29	157,866.26	188,142.55	331,057.45	0.00
01-Feb-26	0.00	67,100.00	67,100.00	25,650.74	8,324.37	33,975.11	0.00	33,124.89
01-Aug-26	455,000.00	67,100.00	522,100.00	25,650.74	157,866.26	183,517.00	338,583.00	0.00
01-Feb-27	0.00	54,587.50	54,587.50	20,867.51	8,324.37	29,191.88	0.00	25,395.62
01-Aug-27	475,000.00	54,587.50	529,587.50	20,867.51	157,866.26	178,733.77	350,853.73	0.00
01-Feb-28	0.00	41,525.00	41,525.00	15,874.03	8,324.37	24,198.40	0.00	17,326.60
01-Aug-28	490,000.00	41,525.00	531,525.00	15,874.03	157,866.26	173,740.29	357,784.71	0.00
01-Feb-29	0.00	28,050.00	28,050.00	10,722.85	8,324.37	19,047.22	0.00	9,002.78
01-Aug-29	505,000.00	28,050.00	533,050.00	10,722.85	157,866.26	168,589.11	364,460.89	0.00
01-Feb-30	0.00	14,162.50	14,162.50	5,413.99	8,324.37	13,738.36	0.00	424.14
01-Aug-30	515,000.00	14,162.50	529,162.50	5,413.99	157,866.26	163,280.25	365,882.25	0.00
	$9,113,710.00	$7,426,788.28	$16,540,498.28	$2,952,638.39	$4,320,334.47	$7,272,972.86	$7,024,049.20	$2,243,476.22

*Includes a credit for debt service savings the Trust expects to receive on such Payment Date as a result of the refunding of a portion of the Bonds, which savings are allocable to the Issuer pursuant to Section 4(i) of the Bond Purchase Agreement.

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 6
MWRA
99-24
Final Structuring Analysis

AMENDED SCHEDULE C

G.E. 50.00%

Schedule of Payments

Initial Principal Amount: 15,274,038.00

	Schedule of Payments			Subsidy Amounts			Net Payments		
Date	Principal	Interest	Total	Equity Earnings	Commonwealth Subsidies	Total	Principal	Interest	Total
01-Feb-05	0.00	374,208.12	374,208.12	160,569.85	0.00	160,569.85	0.00	213,638.27	213,638.27
01-Aug-05	374,484.00	398,976.99	773,460.99	160,569.85	258,025.78	418,595.63	354,865.36	0.00	354,865.36
01-Feb-06	0.00	396,516.57	396,516.57	156,633.05	10,392.99	167,026.05	0.00	229,490.52	229,490.52
01-Aug-06	385,131.00	396,649.71	781,780.71	156,633.05	261,830.84	418,463.89	363,316.82	0.00	363,316.82
01-Feb-07	0.00	395,536.52	395,536.52	152,584.32	13,961.35	166,545.67	0.00	228,990.85	228,990.85
01-Aug-07	397,564.00	370,785.52	768,349.52	152,584.32	258,089.29	410,673.61	357,675.91	0.00	357,675.91
01-Feb-08	0.00	393,853.28	393,853.28	148,404.89	13,961.35	162,366.24	0.00	231,487.03	231,487.03
01-Aug-08	410,382.00	362,402.38	772,784.38	148,404.89	263,647.65	412,052.55	360,731.84	0.00	360,731.84
01-Feb-09	0.00	392,657.53	392,657.53	144,090.71	13,961.35	158,052.06	0.00	234,605.47	234,605.47
01-Aug-09	423,630.00	328,742.39	752,372.39	144,090.71	262,195.54	406,286.25	346,086.14	0.00	346,086.14
01-Feb-10	0.00	402,033.46	402,033.46	139,637.26	13,961.35	153,598.61	0.00	248,434.85	248,434.85
01-Aug-10	437,847.00	313,707.88	751,554.88	139,637.26	263,167.53	402,804.79	348,750.10	0.00	348,750.10
01-Feb-11	0.00	396,398.18	396,398.18	135,034.35	13,961.35	148,995.70	0.00	247,402.48	247,402.48
01-Aug-11	455,000.00	308,600.76	763,600.76	135,034.35	261,949.91	396,984.26	366,616.50	0.00	366,616.50
01-Feb-12	0.00	375,632.83	375,632.83	130,251.11	13,961.35	144,212.46	0.00	231,420.37	231,420.37
01-Aug-12	465,000.00	286,513.14	751,513.14	130,251.11	250,608.88	380,859.99	370,653.15	0.00	370,653.15
01-Feb-13	0.00	351,469.63	351,469.63	125,362.76	13,961.35	139,324.11	0.00	212,145.53	212,145.53
01-Aug-13	485,000.00	291,151.94	776,151.94	125,362.76	257,698.39	383,061.15	393,090.79	0.00	393,090.79
01-Feb-14	0.00	335,744.24	335,744.24	120,264.14	13,961.35	134,225.49	0.00	201,518.75	201,518.75
01-Aug-14	500,000.00	290,030.70	790,030.70	120,264.14	259,396.34	379,660.48	410,370.22	0.00	410,370.22
01-Feb-15	0.00	313,808.23	313,808.23	115,007.84	13,961.35	128,969.19	0.00	184,839.04	184,839.04
01-Aug-15	520,000.00	275,733.10	795,733.10	115,007.84	257,859.86	372,867.70	422,865.40	0.00	422,865.40
01-Feb-16	0.00	297,595.37	297,595.37	109,541.29	13,961.35	123,502.64	0.00	174,092.72	174,092.72
01-Aug-16	535,000.00	267,987.00	802,987.00	109,541.29	258,377.54	367,918.84	435,068.17	0.00	435,068.17
01-Feb-17	0.00	276,704.98	276,704.98	103,917.05	13,961.35	117,878.40	0.00	158,826.58	158,826.58
01-Aug-17	555,000.00	259,103.69	814,103.69	103,917.05	258,617.77	362,534.82	451,568.86	0.00	451,568.86
01-Feb-18	0.00	255,254.68	255,254.68	98,082.56	13,882.44	111,965.00	0.00	143,289.68	143,289.68
01-Aug-18	580,000.00	250,634.58	830,634.58	98,082.56	262,187.91	360,270.47	470,364.11	0.00	470,364.11
01-Feb-19	0.00	231,901.89	231,901.89	91,985.25	10,362.29	102,347.54	0.00	129,554.34	129,554.34
01-Aug-19	600,000.00	239,100.00	839,100.00	91,985.25	264,576.87	356,562.12	482,537.88	0.00	482,537.88
01-Feb-20	0.00	214,068.49	214,068.49	85,677.69	9,320.59	94,998.28	0.00	119,070.20	119,070.20
01-Aug-20	620,000.00	223,350.00	843,350.00	85,677.69	264,576.87	350,254.56	493,095.44	0.00	493,095.44
01-Feb-21	0.00	199,161.42	199,161.42	79,159.88	13,961.35	93,121.23	0.00	106,040.19	106,040.19
01-Aug-21	640,000.00	176,074.20	816,074.20	79,159.88	264,576.87	343,736.75	472,337.45	0.00	472,337.45
01-Feb-22	0.00	182,479.63	182,479.63	72,431.81	13,961.35	86,393.16	0.00	96,086.47	96,086.47
01-Aug-22	665,000.00	189,475.00	854,475.00	72,431.81	264,576.87	337,008.68	517,466.32	0.00	517,466.32
01-Feb-23	0.00	164,349.68	164,349.68	65,440.94	13,961.35	79,402.29	0.00	84,947.40	84,947.40
01-Aug-23	685,000.00	171,187.50	856,187.50	65,440.94	264,576.87	330,017.81	526,169.70	0.00	526,169.70
01-Feb-24	0.00	145,674.26	145,674.26	58,239.80	13,961.35	72,201.15	0.00	73,473.11	73,473.11
01-Aug-24	710,000.00	0.00	710,000.00	58,239.80	359,121.19 *	417,360.99	292,639.01	0.00	292,639.01
01-Feb-25	0.00	132,825.00	132,825.00	50,775.86	13,961.35	64,737.21	0.00	68,087.79	68,087.79
01-Aug-25	740,000.00	132,825.00	872,825.00	50,775.86	264,576.87	315,352.73	557,472.27	0.00	557,472.27
01-Feb-26	0.00	112,475.00	112,475.00	42,996.53	13,961.35	56,957.88	0.00	55,517.12	55,517.12
01-Aug-26	765,000.00	112,475.00	877,475.00	42,996.53	264,576.87	307,573.40	569,901.60	0.00	569,901.60
01-Feb-27	0.00	91,437.50	91,437.50	34,954.40	13,961.35	48,915.75	0.00	42,521.76	42,521.76
01-Aug-27	790,000.00	91,437.50	881,437.50	34,954.40	264,576.87	299,531.27	581,906.24	0.00	581,906.24
01-Feb-28	0.00	69,712.50	69,712.50	26,649.44	13,961.35	40,610.79	0.00	29,101.71	29,101.71
01-Aug-28	820,000.00	69,712.50	889,712.50	26,649.44	264,576.87	291,226.31	598,486.19	0.00	598,486.19
01-Feb-29	0.00	47,162.50	47,162.50	18,029.11	13,961.35	31,990.46	0.00	15,172.04	15,172.04
01-Aug-29	850,000.00	47,162.50	897,162.50	18,029.11	264,576.87	282,605.98	614,556.52	0.00	614,556.52
01-Feb-30	0.00	23,787.50	23,787.50	9,093.40	13,961.35	23,054.75	0.00	732.75	732.75
01-Aug-30	865,000.00	23,787.50	888,787.50	9,093.40	264,576.87	273,670.27	615,117.23	0.00	615,117.23
	$15,274,038.00	$12,450,055.46	$27,724,093.46	$4,949,630.60	$7,240,266.65	$12,189,897.25	$11,773,709.20	$3,760,487.00	$15,534,196.21

*Includes a credit for debt service savings the Trust expects to receive on such Payment Date as a result of the refunding of a portion of the Bonds, which savings are allocable to the Issuer pursuant to Section 4(i) of the Bond Purchase Agreement.

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 6
MWRA
99-25
Final Structuring Analysis

AMENDED SCHEDULE C

G.E. 50.00%

Schedule of Payments

Initial Principal Amount: 1,348,380.00

	Schedule of Payments			Subsidy Amounts			Net Payments		
Date	Principal	Interest	Total	Equity Earnings	Commonwealth Subsidies	Total	Principal	Interest	Total
01-Feb-05	0.00	33,014.89	33,014.89	14,174.98	0.00	14,174.98	0.00	18,839.92	18,839.92
01-Aug-05	32,882.00	35,217.55	68,099.55	14,174.98	22,751.25	36,926.23	31,173.33	0.00	31,173.33
01-Feb-06	0.00	35,006.09	35,006.09	13,829.30	929.31	14,758.62	0.00	20,247.48	20,247.48
01-Aug-06	33,823.00	35,017.89	68,840.89	13,829.30	23,088.28	36,917.58	31,923.30	0.00	31,923.30
01-Feb-07	0.00	34,926.54	34,926.54	13,473.74	1,245.38	14,719.12	0.00	20,207.43	20,207.43
01-Aug-07	34,921.00	32,734.22	67,655.22	13,473.74	22,756.87	36,230.61	31,424.61	0.00	31,424.61
01-Feb-08	0.00	34,785.14	34,785.14	13,106.63	1,245.38	14,352.01	0.00	20,433.14	20,433.14
01-Aug-08	36,053.00	31,999.38	68,052.38	13,106.63	23,249.20	36,355.83	31,696.55	0.00	31,696.55
01-Feb-09	0.00	34,686.65	34,686.65	12,727.62	1,245.38	13,973.00	0.00	20,713.66	20,713.66
01-Aug-09	37,223.00	29,025.36	66,248.36	12,727.62	23,120.58	35,848.20	30,400.16	0.00	30,400.16
01-Feb-10	0.00	35,525.00	35,525.00	12,336.30	1,245.38	13,581.68	0.00	21,943.31	21,943.31
01-Aug-10	38,478.00	27,701.55	66,179.55	12,336.30	23,206.68	35,542.98	30,636.56	0.00	30,636.56
01-Feb-11	0.00	35,033.84	35,033.84	11,931.80	1,245.38	13,177.18	0.00	21,856.66	21,856.66
01-Aug-11	40,000.00	27,270.97	67,270.97	11,931.80	23,099.69	35,031.49	32,239.48	0.00	32,239.48
01-Feb-12	0.00	33,190.39	33,190.39	11,511.30	1,245.38	12,756.68	0.00	20,433.71	20,433.71
01-Aug-12	40,000.00	25,374.73	65,374.73	11,511.30	22,111.95	33,623.25	31,751.48	0.00	31,751.48
01-Feb-13	0.00	31,061.15	31,061.15	11,090.79	1,245.38	12,336.17	0.00	18,724.97	18,724.97
01-Aug-13	45,000.00	25,659.44	70,659.44	11,090.79	22,705.09	33,795.88	36,863.56	0.00	36,863.56
01-Feb-14	0.00	29,697.09	29,697.09	10,617.73	1,245.38	11,863.11	0.00	17,833.99	17,833.99
01-Aug-14	45,000.00	25,578.33	70,578.33	10,617.73	22,869.51	33,487.24	37,091.09	0.00	37,091.09
01-Feb-15	0.00	27,688.30	27,688.30	10,144.66	1,245.38	11,390.04	0.00	16,298.26	16,298.26
01-Aug-15	45,000.00	24,341.86	69,341.86	10,144.66	22,745.70	32,890.36	36,451.50	0.00	36,451.50
01-Feb-16	0.00	26,258.40	26,258.40	9,671.59	1,245.38	10,916.97	0.00	15,341.43	15,341.43
01-Aug-16	45,000.00	23,703.79	68,703.79	9,671.59	22,800.32	32,471.91	36,231.88	0.00	36,231.88
01-Feb-17	0.00	24,474.46	24,474.46	9,198.53	1,245.38	10,443.91	0.00	14,030.55	14,030.55
01-Aug-17	50,000.00	22,916.13	72,916.13	9,198.53	22,795.83	31,994.35	40,921.78	0.00	40,921.78
01-Feb-18	0.00	22,567.22	22,567.22	8,672.90	1,238.37	9,911.26	0.00	12,655.96	12,655.96
01-Aug-18	50,000.00	22,167.35	72,167.35	8,672.90	23,124.56	31,797.45	40,369.89	0.00	40,369.89
01-Feb-19	0.00	20,531.81	20,531.81	8,147.27	923.79	9,071.05	0.00	11,460.76	11,460.76
01-Aug-19	55,000.00	21,175.00	76,175.00	8,147.27	23,331.51	31,478.78	44,696.23	0.00	44,696.23
01-Feb-20	0.00	18,906.32	18,906.32	7,569.07	832.92	8,401.99	0.00	10,504.33	10,504.33
01-Aug-20	55,000.00	19,731.25	74,731.25	7,569.07	23,331.51	30,900.58	43,830.67	0.00	43,830.67
01-Feb-21	0.00	17,583.79	17,583.79	6,990.88	1,245.38	8,236.26	0.00	9,347.53	9,347.53
01-Aug-21	55,000.00	15,613.47	70,613.47	6,990.88	23,331.51	30,322.39	40,291.08	0.00	40,291.08
01-Feb-22	0.00	16,146.71	16,146.71	6,412.69	1,245.38	7,658.07	0.00	8,488.64	8,488.64
01-Aug-22	60,000.00	16,775.00	76,775.00	6,412.69	23,331.51	29,744.20	47,030.80	0.00	47,030.80
01-Feb-23	0.00	14,512.16	14,512.16	5,781.93	1,245.38	7,027.31	0.00	7,484.85	7,484.85
01-Aug-23	60,000.00	15,125.00	75,125.00	5,781.93	23,331.51	29,113.44	46,011.56	0.00	46,011.56
01-Feb-24	0.00	12,863.84	12,863.84	5,151.17	1,245.38	6,396.55	0.00	6,467.29	6,467.29
01-Aug-24	65,000.00	0.00	65,000.00	5,151.17	32,459.51 *	37,610.68	27,389.32	0.00	27,389.32
01-Feb-25	0.00	11,687.50	11,687.50	4,467.86	1,245.38	5,713.24	0.00	5,974.27	5,974.27
01-Aug-25	65,000.00	11,687.50	76,687.50	4,467.86	23,331.51	27,799.37	48,888.14	0.00	48,888.14
01-Feb-26	0.00	9,900.00	9,900.00	3,784.54	1,245.38	5,029.92	0.00	4,870.08	4,870.08
01-Aug-26	70,000.00	9,900.00	79,900.00	3,784.54	23,331.51	27,116.05	52,783.95	0.00	52,783.95
01-Feb-27	0.00	7,975.00	7,975.00	3,048.65	1,245.38	4,294.03	0.00	3,680.97	3,680.97
01-Aug-27	70,000.00	7,975.00	77,975.00	3,048.65	23,331.51	26,380.16	51,594.84	0.00	51,594.84
01-Feb-28	0.00	6,050.00	6,050.00	2,312.77	1,245.38	3,558.15	0.00	2,491.85	2,491.85
01-Aug-28	70,000.00	6,050.00	76,050.00	2,312.77	23,331.51	25,644.28	50,405.72	0.00	50,405.72
01-Feb-29	0.00	4,125.00	4,125.00	1,576.89	1,245.38	2,822.27	0.00	1,302.73	1,302.73
01-Aug-29	75,000.00	4,125.00	79,125.00	1,576.89	23,331.51	24,908.40	54,216.60	0.00	54,216.60
01-Feb-30	0.00	2,062.50	2,062.50	788.45	1,245.38	2,033.83	0.00	28.67	28.67
01-Aug-30	75,000.00	2,062.50	77,062.50	788.45	23,331.51	24,119.96	52,942.55	0.00	52,942.55
	$1,348,380.00	$1,099,188.05	$2,447,568.05	$437,040.03	$639,608.98	$1,076,649.00	$1,039,256.62	$331,662.43	$1,370,919.05

*Includes a credit for debt service savings the Trust expects to receive on such Payment Date as a result of the refunding of a portion of the Bonds, which savings are allocable to the Issuer pursuant to Section 4(i) of the Bond Purchase Agreement.

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 6
MWRA
DW-00-04
Final Loan Structuring Analysis

AMENDED SCHEDULE C

G.E. 50.00%

Schedule of Loan Repayments

Initial Loan Obligation: 10,719,336.00

Date	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayment		
	Principal	Interest	Total	DSRF Earnings	Contract Assistance	Total	Principal	Interest	Total
01-Feb-05	0.00	246,300.58	246,300.58	112,688.09	0.00	112,688.09	0.00	133,612.49	133,612.49
01-Aug-05	521,875.00	269,841.30	791,716.30	112,688.09	282,300.59	394,988.69	396,727.61	0.00	396,727.61
01-Feb-06	0.00	263,796.20	263,796.20	107,201.83	9,811.60	117,013.43	0.00	146,782.77	146,782.77
01-Aug-06	532,814.00	263,923.35	796,537.35	107,201.83	285,934.47	393,136.30	403,401.05	0.00	403,401.05
01-Feb-07	0.00	258,740.00	258,740.00	101,602.67	13,219.42	114,822.09	0.00	143,917.91	143,917.91
01-Aug-07	554,184.00	235,102.52	789,286.52	101,602.67	282,361.25	383,963.92	405,322.60	0.00	405,322.60
01-Feb-08	0.00	252,551.70	252,551.70	95,776.76	13,219.42	108,996.18	0.00	143,555.53	143,555.53
01-Aug-08	571,622.00	222,515.75	794,137.75	95,776.76	287,669.55	383,446.30	410,691.45	0.00	410,691.45
01-Feb-09	0.00	246,917.19	246,917.19	89,767.52	13,219.42	102,986.94	0.00	143,930.25	143,930.25
01-Aug-09	585,987.00	185,877.52	771,864.52	89,767.52	286,282.76	376,050.29	395,814.24	0.00	395,814.24
01-Feb-10	0.00	252,574.11	252,574.11	83,607.28	13,219.42	96,826.70	0.00	155,747.42	155,747.42
01-Aug-10	608,054.00	168,222.21	776,276.21	83,607.28	287,211.02	370,818.30	405,457.91	0.00	405,457.91
01-Feb-11	0.00	242,207.34	242,207.34	77,215.05	13,219.42	90,434.47	0.00	151,772.87	151,772.87
01-Aug-11	625,000.00	149,671.04	774,671.04	77,215.05	285,506.21	362,721.26	411,949.78	0.00	411,949.78
01-Feb-12	0.00	224,981.21	224,981.21	70,644.87	13,219.42	83,864.09	0.00	141,117.12	141,117.12
01-Aug-12	650,000.00	113,203.51	763,203.51	70,644.87	270,122.23	340,766.90	422,436.61	0.00	422,436.61
01-Feb-13	0.00	196,399.53	196,399.53	63,611.48	13,219.42	77,030.90	0.00	119,368.62	119,368.62
01-Aug-13	670,000.00	131,700.37	801,700.37	63,611.48	282,327.55	346,139.03	455,561.34	0.00	455,561.34
01-Feb-14	0.00	167,353.31	167,353.31	56,768.04	13,219.42	69,987.46	0.00	97,365.85	97,365.85
01-Aug-14	695,000.00	111,048.05	806,048.05	56,768.04	280,575.99	337,344.03	468,704.02	0.00	468,704.02
01-Feb-15	0.00	147,870.64	147,870.64	49,461.78	13,219.42	62,681.20	0.00	85,189.44	85,189.44
01-Aug-15	720,000.00	102,890.86	822,890.86	49,461.78	281,889.63	331,351.41	491,539.45	0.00	491,539.45
01-Feb-16	0.00	120,388.24	120,388.24	41,892.71	13,219.42	55,112.13	0.00	65,276.11	65,276.11
01-Aug-16	745,000.00	87,719.59	832,719.59	41,892.71	281,279.18	323,171.90	509,547.69	0.00	509,547.69
01-Feb-17	0.00	94,665.49	94,665.49	34,060.82	13,219.42	47,280.24	0.00	47,385.25	47,385.25
01-Aug-17	770,000.00	74,107.00	844,107.00	34,060.82	281,613.58	315,674.41	528,432.59	0.00	528,432.59
01-Feb-18	0.00	66,147.72	66,147.72	25,986.12	13,124.53	39,090.65	0.00	27,057.07	27,057.07
01-Aug-18	800,000.00	60,331.10	860,331.10	25,986.12	285,553.76	311,519.88	548,811.22	0.00	548,811.22
01-Feb-19	0.00	40,416.66	40,416.66	17,556.04	11,509.00	29,065.04	0.00	11,351.62	11,351.62
01-Aug-19	830,000.00	43,837.50	873,837.50	17,556.04	289,894.99	307,451.03	566,386.47	0.00	566,386.47
01-Feb-20	0.00	19,373.94	19,373.94	8,830.58	10,543.36	19,373.94	0.00	0.00	0.00
01-Aug-20	840,000.00	22,050.00	862,050.00	8,830.58	288,556.98	297,387.54	564,662.46	0.00	564,662.46
01-Feb-21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	$10,719,336.00	$5,082,725.55	$15,802,061.55	$2,073,702.90	$4,729,481.84	$6,803,184.75	$7,385,446.48	$1,813,430.32	$9,665,223.67

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Series 6

MWRA
DW-00-04

Final Structuring Analysis

Estimated Net Borrower Debt Service

Date	Principal Outstanding	Debt Service [Net of Accrued Interest]	LESS DSRF Earnings @ 5.256300%	LESS Contract Assistance	Estimated Net Debt Service	PLUS Administrative Fee Payable @ 0.075%	Estimated Total Payment	Estimated Total Payment [Fiscal Year ending] 30-Jun
08-Nov-00							-	
01-Feb-01	$12,672,382.00	$151,292.31	$61,429.08	$13,219.42	$76,643.81	$4,382.53	$81,026.34	$81,026.34
01-Aug-01	12,672,382.00	799,967.80	133,219.68	288,556.96	378,191.16	9,504.29	387,695.45	-
01-Feb-02	12,200,518.00	316,897.03	128,259.17	13,219.42	175,418.44	9,150.39	184,568.83	572,264.28
01-Aug-02	12,200,518.00	793,624.03	128,259.17	288,556.96	376,807.90	9,150.39	385,958.29	-
01-Feb-03	11,723,791.00	305,574.77	123,247.53	13,219.42	169,107.82	8,792.84	177,900.66	563,858.95
01-Aug-03	11,723,791.00	801,973.77	123,247.53	288,556.96	390,169.28	8,792.84	398,962.12	-
01-Feb-04	11,227,392.00	293,785.29	118,029.08	13,219.42	162,536.79	8,420.54	170,957.33	569,919.45
01-Aug-04	11,227,392.00	801,841.29	118,029.08	288,556.96	395,255.25	8,420.54	403,675.79	-
01-Feb-05	10,719,336.00	282,354.03	112,688.09	13,219.42	156,446.52	8,039.50	164,486.02	568,161.81
01-Aug-05	10,719,336.00	804,229.03	112,688.09	288,556.96	402,983.98	8,039.50	411,023.48	-
01-Feb-06	10,197,461.00	270,611.84	107,201.83	13,219.42	150,190.59	7,648.10	157,838.69	568,862.17
01-Aug-06	10,197,461.00	803,225.84	107,201.83	288,556.96	407,467.05	7,648.10	415,115.15	-
01-Feb-07	9,664,847.00	257,296.49	101,602.67	13,219.42	142,474.40	7,248.64	149,723.04	564,838.19
01-Aug-07	9,664,847.00	811,480.49	101,602.67	288,556.96	421,320.86	7,248.64	428,569.50	-
01-Feb-08	9,110,663.00	242,749.16	95,776.76	13,219.42	133,752.98	6,833.00	140,585.98	569,155.48
01-Aug-08	9,110,663.00	814,371.16	95,776.76	288,556.96	430,037.44	6,833.00	436,870.44	-
01-Feb-09	8,539,041.00	228,458.61	89,767.52	13,219.42	125,471.67	6,404.28	131,875.95	568,746.39
01-Aug-09	8,539,041.00	814,445.61	89,767.52	288,556.96	436,121.13	6,404.28	442,525.41	-
01-Feb-10	7,953,054.00	214,541.42	83,607.28	13,219.42	117,714.72	5,964.79	123,679.51	566,204.92
01-Aug-10	7,953,054.00	822,595.42	83,607.28	288,556.96	450,431.18	5,964.79	456,395.97	-
01-Feb-11	7,345,000.00	198,580.00	77,215.05	13,219.42	108,145.53	5,508.75	113,654.28	570,050.25
01-Aug-11	7,345,000.00	823,580.00	77,215.05	288,556.96	457,807.99	5,508.75	463,316.74	-
01-Feb-12	6,720,000.00	182,173.75	70,644.67	13,219.42	98,309.66	5,040.00	103,349.66	566,666.40
01-Aug-12	6,720,000.00	832,173.75	70,644.67	288,556.96	472,972.12	5,040.00	478,012.12	-
01-Feb-13	6,070,000.00	164,298.75	63,811.48	13,219.42	87,267.85	4,552.50	91,820.35	569,832.47
01-Aug-13	6,070,000.00	834,298.75	63,811.48	288,556.96	481,930.31	4,552.50	486,482.81	-
01-Feb-14	5,400,000.00	147,213.75	56,768.04	13,219.42	77,226.29	4,050.00	81,276.29	567,759.10
01-Aug-14	5,400,000.00	842,213.75	56,768.04	288,556.96	496,888.75	4,050.00	500,938.75	-
01-Feb-15	4,705,000.00	127,666.88	49,461.78	13,219.42	64,985.68	3,528.75	68,514.43	569,453.18
01-Aug-15	4,705,000.00	847,666.88	49,461.78	288,556.96	509,648.14	3,528.75	513,176.89	-
01-Feb-16	3,985,000.00	108,946.88	41,892.71	13,219.42	53,834.75	2,988.75	56,823.50	570,000.39
01-Aug-16	3,985,000.00	853,946.88	41,892.71	288,556.96	523,497.21	2,988.75	526,485.96	-
01-Feb-17	3,240,000.00	87,993.75	34,060.82	13,219.42	40,713.51	2,430.00	43,143.51	569,629.47
01-Aug-17	3,240,000.00	857,993.75	34,060.82	288,556.96	535,375.97	2,430.00	537,805.97	-
01-Feb-18	2,470,000.00	66,337.50	25,966.12	13,219.42	27,151.96	1,852.50	29,004.46	566,810.43
01-Aug-18	2,470,000.00	866,337.50	25,966.12	288,556.96	551,814.42	1,852.50	553,666.92	-
01-Feb-19	1,670,000.00	43,837.50	17,556.04	13,219.42	13,062.04	1,252.50	14,314.54	567,981.46
01-Aug-19	1,670,000.00	873,837.50	17,556.04	288,556.96	567,724.50	1,252.50	568,977.00	-
01-Feb-20	840,000.00	22,050.00	8,830.58	13,219.42	0.00	630.00	630.00	569,607.00
01-Aug-20	840,000.00	862,050.00	8,830.58	288,556.96	564,662.46	630.00	565,292.46	-
01-Feb-21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	565,292.46
01-Aug-21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
01-Feb-22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
01-Feb-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
01-Feb-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
01-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
01-Feb-26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
01-Feb-27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
01-Feb-28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
01-Feb-29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
01-Feb-30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
01-Feb-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
		$20,274,512.91	$3,007,423.20	$6,035,527.60	$11,231,562.11	$214,558.48	$11,446,120.59	$11,446,120.59

Average Annual Net Debt Service:	$569,247.13

Max:	572,264.28
Min:	563,858.95
Span:	8,405.33

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 6
MWRA
CW-02-02A
Final Structuring Analysis

AMENDED SCHEDULE C
FROM SWAP

G.E. 50.00%

Schedule of Payments

Initial Principal Amount: 2,525,453.50

	Schedule of Payments			Subsidy Amounts			Net Payments		
Date	Principal	Interest	Total	Equity Earnings	Commonwealth Subsidies	Total	Principal	Interest	Total
01-Feb-05	0.00	61,853.46	61,853.46	26,549.08	0.00	26,549.08	0.00	35,304.37	35,304.37
01-Aug-05	61,914.80	65,968.68	127,883.48	26,549.08	42,641.93	69,191.02	58,692.46	0.00	58,692.46
01-Feb-06	0.00	65,562.25	65,562.25	25,898.20	1,737.55	27,635.74	0.00	37,926.50	37,926.50
01-Aug-06	63,677.91	65,584.27	129,262.18	25,898.20	43,271.26	69,169.46	60,092.71	0.00	60,092.71
01-Feb-07	0.00	65,400.65	65,400.65	25,228.78	2,327.73	27,556.51	0.00	37,844.15	37,844.15
01-Aug-07	65,736.26	61,307.00	127,043.26	25,228.78	42,652.44	67,881.21	59,162.05	0.00	59,162.05
01-Feb-08	0.00	65,122.73	65,122.73	24,537.72	2,327.73	26,865.45	0.00	38,257.28	38,257.28
01-Aug-08	67,859.36	59,920.96	127,780.32	24,537.72	43,571.75	68,109.47	59,670.85	0.00	59,670.85
01-Feb-09	0.00	64,925.34	64,925.34	23,824.34	2,327.73	26,152.07	0.00	38,773.28	38,773.28
01-Aug-09	70,052.80	54,354.21	124,407.01	23,824.34	43,331.58	67,155.92	57,251.08	0.00	57,251.08
01-Feb-10	0.00	66,476.39	66,476.39	23,087.90	2,327.73	25,415.63	0.00	41,060.76	41,060.76
01-Aug-10	72,408.48	51,867.93	124,276.41	23,087.90	43,492.34	66,580.25	57,696.16	0.00	57,696.16
01-Feb-11	0.00	65,544.58	65,544.58	22,326.70	2,327.73	24,654.43	0.00	40,890.15	40,890.15
01-Aug-11	76,596.21	50,962.07	127,558.28	22,326.70	43,287.13	65,613.83	61,944.45	0.00	61,944.45
01-Feb-12	0.00	62,128.63	62,128.63	21,521.48	2,327.73	23,849.21	0.00	38,279.43	38,279.43
01-Aug-12	76,596.21	47,356.95	123,953.16	21,521.48	41,421.07	62,942.54	61,010.62	0.00	61,010.62
01-Feb-13	0.00	58,076.08	58,076.08	20,716.25	2,327.73	23,043.98	0.00	35,032.10	35,032.10
01-Aug-13	80,077.85	48,118.08	128,195.93	20,716.25	42,589.31	63,305.56	64,890.37	0.00	64,890.37
01-Feb-14	0.00	55,484.33	55,484.33	19,874.42	2,327.73	22,202.15	0.00	33,282.18	33,282.18
01-Aug-14	83,559.50	47,910.43	131,469.93	19,874.42	42,864.62	62,739.04	68,730.89	0.00	68,730.89
01-Feb-15	0.00	51,849.19	51,849.19	18,996.00	2,327.73	21,323.73	0.00	30,525.47	30,525.47
01-Aug-15	87,041.14	45,512.76	132,553.90	18,996.00	42,606.70	61,602.70	70,951.20	0.00	70,951.20
01-Feb-16	0.00	49,141.79	49,141.79	18,080.97	2,327.73	20,408.70	0.00	28,733.09	28,733.09
01-Aug-16	90,522.79	44,190.06	134,712.85	18,080.97	42,685.94	60,766.91	73,945.94	0.00	73,945.94
01-Feb-17	0.00	45,628.99	45,628.99	17,129.34	2,327.73	19,457.07	0.00	26,171.92	26,171.92
01-Aug-17	90,522.79	42,729.18	133,251.97	17,129.34	42,752.01	59,881.34	73,370.63	0.00	73,370.63
01-Feb-18	0.00	42,104.11	42,104.11	16,177.71	2,314.74	18,492.45	0.00	23,611.66	23,611.66
01-Aug-18	94,004.43	41,353.78	135,358.21	16,177.71	43,337.28	59,514.99	75,843.22	0.00	75,843.22
01-Feb-19	0.00	38,297.92	38,297.92	15,189.48	1,733.58	16,923.06	0.00	21,374.86	21,374.86
01-Aug-19	97,486.08	39,486.21	136,972.29	15,189.48	43,725.44	58,914.92	78,057.37	0.00	78,057.37
01-Feb-20	0.00	35,389.98	35,389.98	14,164.64	1,559.12	15,723.77	0.00	19,666.22	19,666.22
01-Aug-20	100,967.73	36,927.20	137,894.93	14,164.64	43,725.44	57,890.08	80,004.85	0.00	80,004.85
01-Feb-21	0.00	32,960.21	32,960.21	13,103.21	2,327.73	15,430.94	0.00	17,529.26	17,529.26
01-Aug-21	104,449.37	29,206.90	133,656.27	13,103.21	43,725.44	56,828.65	76,827.61	0.00	76,827.61
01-Feb-22	0.00	30,234.00	30,234.00	12,005.18	2,327.73	14,332.91	0.00	15,901.09	15,901.09
01-Aug-22	111,412.66	31,404.44	142,817.10	12,005.18	43,725.44	55,730.62	87,086.48	0.00	87,086.48
01-Feb-23	0.00	27,197.22	27,197.22	10,833.94	2,327.73	13,161.67	0.00	14,035.55	14,035.55
01-Aug-23	114,894.31	28,340.60	143,234.91	10,833.94	43,725.44	54,559.38	88,675.53	0.00	88,675.53
01-Feb-24	0.00	24,067.98	24,067.98	9,626.10	2,327.73	11,953.83	0.00	12,114.14	12,114.14
01-Aug-24	118,375.95	0.00	118,375.95	9,626.10	59,708.31 *	69,334.41	49,041.54	0.00	49,041.54
01-Feb-25	0.00	21,925.66	21,925.66	8,381.66	2,327.73	10,709.39	0.00	11,216.27	11,216.27
01-Aug-25	121,857.60	21,925.66	143,783.26	8,381.66	43,725.44	52,107.10	91,676.16	0.00	91,676.16
01-Feb-26	0.00	18,574.58	18,574.58	7,100.62	2,327.73	9,428.35	0.00	9,146.23	9,146.23
01-Aug-26	125,339.25	18,574.58	143,913.83	7,100.62	43,725.44	50,826.06	93,087.77	0.00	93,087.77
01-Feb-27	0.00	15,127.75	15,127.75	5,782.98	2,327.73	8,110.71	0.00	7,017.04	7,017.04
01-Aug-27	132,302.54	15,127.75	147,430.29	5,782.98	43,725.44	49,508.42	97,921.87	0.00	97,921.87
01-Feb-28	0.00	11,489.43	11,489.43	4,392.14	2,327.73	6,719.87	0.00	4,769.56	4,769.56
01-Aug-28	135,784.18	11,489.43	147,273.61	4,392.14	43,725.44	48,117.58	99,156.03	0.00	99,156.03
01-Feb-29	0.00	7,755.37	7,755.37	2,964.69	2,327.73	5,292.42	0.00	2,462.95	2,462.95
01-Aug-29	139,265.83	7,755.37	147,021.20	2,964.69	43,725.44	46,690.13	100,331.07	0.00	100,331.07
01-Feb-30	0.00	3,925.56	3,925.56	1,500.65	2,327.73	3,828.38	0.00	97.18	97.18
01-Aug-30	142,747.47	3,925.56	146,673.03	1,500.65	43,725.44	45,226.09	101,446.94	0.00	101,446.94
	$2,525,453.50	$2,057,544.23	$4,582,997.73	$817,988.34	$1,197,420.85	$2,015,409.19	$1,946,565.86	$621,022.68	$2,567,588.55

*Includes a credit for debt service savings the Trust expects to receive on such Payment Date as a result of the refunding of a portion of the Bonds, which savings are allocable to the Issuer pursuant to Section 4(i) of the Bond Purchase Agreement.

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 6
MWRA
DW-01-02D
Final Loan Structuring Analysis

AMENDED SCHEDULE C

FROM SWAP.

G.E.	50.00%

Schedule of Loan Repayments

Initial Loan Obligation:	27,738.01

	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayment		
Date	Principal	Interest	Total	DSRF Earnings	Contract Assistance	Total	Principal	Interest	Total
01-Feb-05	0.00	637.28	637.28	291.60	0.00	291.60	0.00	345.68	345.68
01-Aug-05	1,344.62	698.17	2,042.79	291.60	723.03	1,014.63	1,028.17	0.00	1,028.17
01-Feb-06	0.00	682.68	682.68	277.46	25.36	302.82	0.00	379.86	379.86
01-Aug-06	1,383.03	683.01	2,066.04	277.46	732.43	1,009.90	1,056.14	0.00	1,056.14
01-Feb-07	0.00	669.48	669.48	262.92	34.18	297.10	0.00	372.37	372.37
01-Aug-07	1,427.87	608.30	2,036.17	262.92	723.18	986.11	1,050.06	0.00	1,050.06
01-Feb-08	0.00	653.63	653.63	247.91	34.18	282.09	0.00	371.54	371.54
01-Aug-08	1,474.11	575.89	2,050.00	247.91	736.92	984.84	1,065.17	0.00	1,065.17
01-Feb-09	0.00	639.18	639.18	232.42	34.18	266.60	0.00	372.59	372.59
01-Aug-09	1,518.02	481.20	1,999.22	232.42	733.33	965.75	1,033.47	0.00	1,033.47
01-Feb-10	0.00	653.80	653.80	216.46	34.18	250.64	0.00	403.16	403.16
01-Aug-10	1,565.27	435.48	2,000.75	216.46	735.74	952.19	1,048.55	0.00	1,048.55
01-Feb-11	0.00	627.20	627.20	200.00	34.18	234.18	0.00	393.01	393.01
01-Aug-11	1,639.56	386.69	2,026.25	200.00	731.26	931.26	1,094.99	0.00	1,094.99
01-Feb-12	0.00	582.91	582.91	182.77	34.18	216.95	0.00	365.96	365.96
01-Aug-12	1,670.46	293.62	1,964.08	182.77	691.74	874.51	1,089.57	0.00	1,089.57
01-Feb-13	0.00	507.95	507.95	165.21	34.18	199.39	0.00	308.56	308.56
01-Aug-13	1,738.53	340.80	2,079.33	165.21	723.08	888.28	1,191.05	0.00	1,191.05
01-Feb-14	0.00	433.14	433.14	146.93	34.18	181.11	0.00	252.03	252.03
01-Aug-14	1,806.81	287.08	2,093.89	146.93	718.50	865.43	1,228.25	0.00	1,228.25
01-Feb-15	0.00	382.58	382.58	127.94	34.18	162.12	0.00	220.46	220.46
01-Aug-15	1,905.34	265.04	2,170.38	127.94	721.70	849.64	1,320.74	0.00	1,320.74
01-Feb-16	0.00	310.67	310.67	107.91	34.18	142.09	0.00	168.58	168.58
01-Aug-16	1,905.57	226.22	2,131.79	107.91	720.57	828.48	1,303.31	0.00	1,303.31
01-Feb-17	0.00	244.10	244.10	87.88	34.18	122.06	0.00	122.05	122.05
01-Aug-17	1,973.88	191.39	2,165.27	87.88	721.41	809.28	1,355.98	0.00	1,355.98
01-Feb-18	0.00	171.01	171.01	67.12	33.93	101.06	0.00	69.95	69.95
01-Aug-18	2,072.62	155.94	2,228.56	67.12	731.44	798.57	1,430.00	0.00	1,430.00
01-Feb-19	0.00	104.37	104.37	45.34	29.76	75.10	0.00	29.27	29.27
01-Aug-19	2,140.93	113.20	2,254.13	45.34	742.66	788.01	1,466.12	0.00	1,466.12
01-Feb-20	0.00	50.07	50.07	22.83	27.24	50.07	0.00	0.00	0.00
01-Aug-20	2,171.59	56.99	2,228.58	22.83	739.22	762.05	1,466.53	0.00	1,466.53
01-Feb-21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	$27,738.01	$13,149.08	$40,887.09	$5,365.38	$12,118.53	$17,483.91	$19,228.10	$4,175.08	$25,130.51

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 7
MWRA
DW-01-02
Final Loan Structuring Analysis

AMENDED SCHEDULE C

G.E. 50.00%

Schedule of Loan Repayments

Initial Loan Obligation: 4,838,942.00

	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayment		
Date	Principal	Interest	Total	DSRF Earnings	Contract Assistance	Total	Principal	Interest	Total
01-Feb-05	220,905.00	98,713.42	319,618.42	44,815.38	110,120.60	154,935.97	164,682.45	0.00	164,682.45
01-Aug-05	0.00	109,405.84	109,405.84	42,769.49	2,827.79	45,597.28	0.00	63,808.56	63,808.56
01-Feb-06	225,484.00	109,405.84	334,889.84	42,769.49	117,399.72	160,169.21	174,720.63	0.00	174,720.63
01-Aug-06	0.00	110,729.75	110,729.75	40,681.19	5,744.59	46,425.78	0.00	64,303.97	64,303.97
01-Feb-07	230,730.00	104,837.82	335,567.82	40,681.19	117,370.56	158,051.75	177,516.08	0.00	177,516.08
01-Aug-07	0.00	105,767.18	105,767.18	38,544.31	5,570.61	44,114.91	0.00	61,652.27	61,652.27
01-Feb-08	236,097.00	100,153.92	336,250.92	38,544.31	117,335.91	155,880.21	180,370.71	0.00	180,370.71
01-Aug-08	0.00	101,393.21	101,393.21	36,357.72	5,744.59	42,102.31	0.00	59,290.90	59,290.90
01-Feb-09	243,127.00	95,342.57	338,469.57	36,357.72	117,291.20	153,648.92	184,820.65	0.00	184,820.65
01-Aug-09	0.00	95,011.12	95,011.12	34,106.02	5,744.59	39,850.61	0.00	55,160.51	55,160.51
01-Feb-10	251,915.00	95,011.12	346,926.12	34,106.02	120,316.52	154,422.54	192,503.58	0.00	192,503.58
01-Aug-10	0.00	88,398.35	88,398.35	31,772.94	5,744.59	37,517.53	0.00	50,880.82	50,880.82
01-Feb-11	260,684.00	88,398.35	349,082.35	31,772.94	120,316.52	152,089.46	196,992.89	0.00	196,992.89
01-Aug-11	0.00	81,881.25	81,881.25	29,358.64	5,744.59	35,103.23	0.00	46,778.02	46,778.02
01-Feb-12	270,000.00	81,881.25	351,881.25	29,358.64	120,316.52	149,675.16	202,206.09	0.00	202,206.09
01-Aug-12	0.00	74,793.75	74,793.75	26,858.06	5,744.59	32,602.65	0.00	42,191.10	42,191.10
01-Feb-13	280,000.00	68,091.05	348,091.05	26,858.06	116,965.17	143,823.23	204,267.82	0.00	204,267.82
01-Aug-13	0.00	67,443.75	67,443.75	24,264.87	5,744.59	30,009.46	0.00	37,434.29	37,434.29
01-Feb-14	290,000.00	59,437.78	349,437.78	24,264.87	116,313.53	140,578.40	208,859.38	0.00	208,859.38
01-Aug-14	0.00	59,831.25	59,831.25	21,579.06	5,744.59	27,323.65	0.00	32,507.60	32,507.60
01-Feb-15	300,000.00	57,870.77	357,870.77	21,579.06	119,336.28	140,915.34	216,955.43	0.00	216,955.43
01-Aug-15	0.00	51,956.25	51,956.25	18,800.64	5,744.59	24,545.23	0.00	27,411.02	27,411.02
01-Feb-16	310,000.00	48,443.04	358,443.04	18,800.64	118,559.91	137,360.56	221,082.48	0.00	221,082.48
01-Aug-16	0.00	43,818.75	43,818.75	15,929.61	5,744.59	21,674.20	0.00	22,144.55	22,144.55
01-Feb-17	320,000.00	38,862.08	358,862.08	15,929.61	117,838.19	133,767.79	225,094.29	0.00	225,094.29
01-Aug-17	0.00	35,418.75	35,418.75	12,965.96	5,744.59	18,710.55	0.00	16,708.20	16,708.20
01-Feb-18	335,000.00	26,814.39	361,814.39	12,965.96	116,014.34	128,980.30	232,834.09	0.00	232,834.09
01-Aug-18	0.00	26,625.00	26,625.00	9,863.39	5,744.59	15,607.98	0.00	11,017.02	11,017.02
01-Feb-19	345,000.00	12,266.84	357,266.84	9,863.39	113,137.44	123,000.83	234,266.01	0.00	234,266.01
01-Aug-19	0.00	18,000.00	18,000.00	6,668.21	5,744.59	12,412.80	0.00	5,587.20	5,587.20
01-Feb-20	355,000.00	0.00	355,000.00	6,668.21	111,536.44 *	118,204.65	236,795.35	0.00	236,795.35
01-Aug-20	0.00	9,125.00	9,125.00	3,380.41	5,744.59	9,125.00	0.00	0.00	0.00
01-Feb-21	365,000.00	0.00	365,000.00	3,380.41	127,495.32 *	130,875.73	234,124.27	0.00	234,124.27
01-Aug-21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	$4,838,942.00	$2,165,129.44	$7,004,071.44	$832,616.40	$2,086,486.83	$2,919,103.23	$3,488,092.18	$596,876.03	$4,084,968.21

*Includes a credit for debt service savings the Trust expects to receive on such Loan Repayment Date as a result of the refunding of a portion of the Bonds, which savings are allocable to the Borrower pursuant to Section 4(h) of the Loan Agreement.

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 8
MWRA
DW-03-02
Final Loan Structuring Analysis

AMENDED SCHEDULE C

G.E. 50.00%
FROM SWAP

Schedule of Loan Repayments

Obligation: 1,414,429.58

Date	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayment		
	Principal	Interest	Total	DSRF Earnings	Revised Contract Assistance	Total	Principal	Interest	Total
01-Feb-05	0.00	31,040.98	31,040.98	12,221.52	0.00	12,221.52	0.00	18,819.46	18,819.46
01-Aug-05	60,051.96	33,074.51	93,126.47	12,221.52	32,302.83	44,524.35	48,602.12	0.00	48,602.12
01-Feb-06	0.00	32,173.73	32,173.73	11,702.63	214.50	11,917.13	0.00	20,256.60	20,256.60
01-Aug-06	61,532.28	32,173.73	93,706.01	11,702.63	32,302.83	44,005.46	49,700.55	0.00	49,700.55
01-Feb-07	0.00	30,635.42	30,635.42	11,170.96	214.50	11,385.46	0.00	19,249.96	19,249.96
01-Aug-07	63,676.06	30,635.42	94,311.48	11,170.96	32,302.83	43,473.79	50,837.69	0.00	50,837.69
01-Feb-08	0.00	29,043.52	29,043.52	10,620.76	214.50	10,835.26	0.00	18,208.26	18,208.26
01-Aug-08	65,894.57	29,313.62	95,208.19	10,620.76	32,435.85	43,056.61	52,151.57	0.00	52,151.57
01-Feb-09	0.00	27,392.11	27,392.11	10,051.39	214.50	10,265.89	0.00	17,126.22	17,126.22
01-Aug-09	67,639.10	27,392.11	95,031.21	10,051.39	32,298.78	42,350.17	52,681.04	0.00	52,681.04
01-Feb-10	0.00	26,242.24	26,242.24	9,466.95	214.50	9,681.45	0.00	16,560.79	16,560.79
01-Aug-10	69,443.93	26,242.24	95,686.17	9,466.95	32,298.78	41,765.73	53,920.44	0.00	53,920.44
01-Feb-11	0.00	24,506.15	24,506.15	8,866.91	214.50	9,081.41	0.00	15,424.74	15,424.74
01-Aug-11	71,391.03	24,506.15	95,897.18	8,866.91	32,298.78	41,165.69	54,731.49	0.00	54,731.49
01-Feb-12	0.00	23,185.41	23,185.41	8,250.05	214.50	8,464.55	0.00	14,720.86	14,720.86
01-Aug-12	73,033.28	23,185.41	96,218.69	8,250.05	32,793.72	41,043.77	55,174.92	0.00	55,174.92
01-Feb-13	0.00	22,714.63	22,714.63	7,619.00	214.50	7,833.50	0.00	14,881.13	14,881.13
01-Aug-13	75,392.75	16,553.27	91,946.02	7,619.00	29,841.00	37,460.00	54,486.02	0.00	54,486.02
01-Feb-14	0.00	20,001.60	20,001.60	6,967.56	214.50	7,182.06	0.00	12,819.54	12,819.54
01-Aug-14	78,670.69	14,225.56	92,896.25	6,967.56	29,666.44	36,634.00	56,262.25	0.00	56,262.25
01-Feb-15	0.00	17,936.02	17,936.02	6,287.80	214.50	6,502.30	0.00	11,433.72	11,433.72
01-Aug-15	81,948.64	12,362.03	94,310.67	6,287.80	29,780.61	36,068.41	58,242.26	0.00	58,242.26
01-Feb-16	0.00	15,914.07	15,914.07	5,579.71	214.50	5,794.21	0.00	10,119.86	10,119.86
01-Aug-16	85,226.59	10,062.36	95,288.95	5,579.71	29,688.93	35,268.64	60,020.31	0.00	60,020.31
01-Feb-17	0.00	13,851.01	13,851.01	4,843.30	214.50	5,057.80	0.00	8,793.21	8,793.21
01-Aug-17	85,226.59	9,775.56	95,002.15	4,843.30	30,623.57	35,466.87	59,535.28	0.00	59,535.28
01-Feb-18	0.00	11,745.75	11,745.75	4,105.90	214.50	4,321.40	0.00	7,424.35	7,424.35
01-Aug-18	88,504.53	10,689.09	99,193.62	4,105.90	32,158.72	36,265.62	62,928.00	0.00	62,928.00
01-Feb-19	0.00	9,559.24	9,559.24	3,342.16	214.50	3,556.66	0.00	6,002.58	6,002.58
01-Aug-19	91,782.48	5,162.89	96,945.37	3,342.16	30,540.29	33,882.45	63,062.92	0.00	63,062.92
01-Feb-20	0.00	7,341.41	7,341.41	2,549.11	214.50	2,763.61	0.00	4,577.80	4,577.80
01-Aug-20	95,060.42	4,730.48	99,790.90	2,549.11	31,488.35	34,037.46	65,753.44	0.00	65,753.44
01-Feb-21	0.00	4,998.87	4,998.87	1,727.73	214.50	1,942.23	0.00	3,056.64	3,056.64
01-Aug-21	98,338.37	4,998.87	103,337.24	1,727.73	32,810.80	34,538.53	68,798.71	0.00	68,798.71
01-Feb-22	0.00	2,540.41	2,540.41	878.02	214.50	1,092.52	0.00	1,447.89	1,447.89
01-Aug-22	101,816.31	2,540.41	104,156.72	878.02	32,810.80	33,688.82	70,467.90	0.00	70,467.90
01-Feb-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1,414,429.58	668,446.31	2,082,875.89	252,504.92	572,090.45	824,595.37	1,037,356.91	220,923.61	1,258,280.52

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 9
MWRA
CW-03-08
Final Structuring Analysis

AMENDED SCHEDULE C

Net Borrower Savings due to 2006 Refunding:	$926,618.78
G.E.	50.00%

Schedule of Payments

Remaining Principal Amount:	19,167,286.39

	Schedule of Payments			Subsidy Amounts			Net Payments		
Date	Principal	Interest	Total	Equity Earnings	Commonwealth Subsidies	Total	Principal	Interest	Total
01-Feb-07	0.00	468,538.84	468,538.84	160,552.86	18,822.00	179,374.86	0.00	289,163.98	289,163.98
01-Aug-07	465,102.65	447,841.46	912,944.11	160,552.86	288,015.94	448,568.80	464,375.31	0.00	464,375.31
01-Feb-08	0.00	438,539.40	438,539.40	156,656.97	8,617.23	165,274.20	0.00	273,265.20	273,265.20
01-Aug-08	475,673.13	438,539.40	914,212.53	156,656.97	288,015.94	444,672.91	469,539.62	0.00	469,539.62
01-Feb-09	0.00	433,069.16	433,069.16	152,672.54	8,617.23	161,289.77	0.00	271,779.39	271,779.39
01-Aug-09	478,764.18	433,069.16	911,833.34	152,672.54	288,015.94	440,688.48	471,144.86	0.00	471,144.86
01-Feb-10	0.00	426,605.85	426,605.85	148,662.22	8,617.23	157,279.45	0.00	269,326.40	269,326.40
01-Aug-10	489,391.99	426,605.85	915,997.84	148,662.22	288,015.94	436,678.16	479,319.68	0.00	479,319.68
01-Feb-11	0.00	419,264.96	419,264.96	144,562.88	8,617.23	153,180.11	0.00	266,084.85	266,084.85
01-Aug-11	499,670.89	419,264.96	918,935.85	144,562.88	288,015.94	432,578.82	486,357.03	0.00	486,357.03
01-Feb-12	0.00	405,524.01	405,524.01	140,377.44	8,617.23	148,994.67	0.00	256,529.34	256,529.34
01-Aug-12	512,362.09	405,524.01	917,886.10	140,377.44	288,015.94	428,393.38	489,492.72	0.00	489,492.72
01-Feb-13	0.00	396,301.50	396,301.50	136,085.69	8,617.23	144,702.92	0.00	251,598.58	251,598.58
01-Aug-13	532,249.64	396,301.50	928,551.14	136,085.69	288,015.94	424,101.63	504,449.51	0.00	504,449.51
01-Feb-14	0.00	381,664.63	381,664.63	131,627.35	8,617.23	140,244.58	0.00	241,420.05	241,420.05
01-Aug-14	555,678.28	381,664.63	937,342.91	131,627.35	288,015.94	419,643.29	517,699.62	0.00	517,699.62
01-Feb-15	0.00	366,383.47	366,383.47	126,972.77	8,617.23	135,590.00	0.00	230,793.47	230,793.47
01-Aug-15	576,993.06	366,383.47	943,376.53	126,972.77	288,015.94	414,988.71	528,387.82	0.00	528,387.82
01-Feb-16	0.00	350,516.16	350,516.16	122,139.64	8,617.23	130,756.87	0.00	219,759.29	219,759.29
01-Aug-16	592,869.58	350,516.16	943,385.74	122,139.64	288,015.94	410,155.58	533,230.16	0.00	533,230.16
01-Feb-17	0.00	338,658.77	338,658.77	117,173.53	8,617.23	125,790.76	0.00	212,868.01	212,868.01
01-Aug-17	613,746.11	341,813.79	955,559.90	117,173.53	289,593.45	406,766.98	548,792.92	0.00	548,792.92
01-Feb-18	0.00	321,733.76	321,733.76	112,032.55	8,210.14	120,242.69	0.00	201,491.07	201,491.07
01-Aug-18	635,060.89	336,914.77	971,975.66	112,032.55	295,199.36	407,231.90	564,743.76	0.00	564,743.76
01-Feb-19	0.00	306,286.77	306,286.77	106,713.02	7,234.17	113,947.19	0.00	192,339.58	192,339.58
01-Aug-19	650,937.41	312,904.44	963,841.85	106,713.02	289,941.71	396,654.74	567,187.11	0.00	567,187.11
01-Feb-20	0.00	286,735.57	286,735.57	101,260.51	5,595.28	106,855.80	0.00	179,879.77	179,879.77
01-Aug-20	677,252.20	297,390.35	974,642.55	101,260.51	290,321.39	391,581.90	583,060.66	0.00	583,060.66
01-Feb-21	0.00	265,390.74	265,390.74	95,587.58	3,388.52	98,976.10	0.00	166,414.64	166,414.64
01-Aug-21	698,566.98	281,728.30	980,295.28	95,587.58	290,956.01	386,543.59	593,751.69	0.00	593,751.69
01-Feb-22	0.00	241,569.13	241,569.13	89,736.10	209.80	89,945.90	0.00	151,623.22	151,623.22
01-Aug-22	725,320.02	259,394.86	984,714.88	89,736.10	288,521.38	378,257.48	606,457.40	0.00	606,457.40
01-Feb-23	0.00	230,038.71	230,038.71	83,660.53	3,511.10	87,171.62	0.00	142,867.09	142,867.09
01-Aug-23	751,634.81	235,924.58	987,559.39	83,660.53	285,852.74	369,513.27	618,046.12	0.00	618,046.12
01-Feb-24	0.00	231,008.63	231,008.63	77,364.53	19,109.84	96,474.37	0.00	134,534.26	134,534.26
01-Aug-24	777,949.59	196,632.05	974,581.64	77,364.53	298,508.55 *	375,873.08	598,708.55	0.00	598,708.55
01-Feb-25	0.00	211,489.82	211,489.82	70,848.12	19,109.84	89,957.96	0.00	121,531.87	121,531.87
01-Aug-25	809,702.63	175,670.24	985,372.87	70,848.12	298,508.55	369,356.67	616,016.20	0.00	616,016.20
01-Feb-26	0.00	191,175.44	191,175.44	64,065.72	19,109.84	83,175.56	0.00	107,999.87	107,999.87
01-Aug-26	836,455.68	153,197.36	989,653.04	64,065.72	298,508.55	362,574.27	627,078.76	0.00	627,078.76
01-Feb-27	0.00	170,215.39	170,215.39	57,059.24	19,109.84	76,169.08	0.00	94,046.31	94,046.31
01-Aug-27	868,208.72	130,367.79	998,576.51	57,059.24	298,508.55	355,567.79	643,008.73	0.00	643,008.73
01-Feb-28	0.00	148,470.92	148,470.92	49,786.77	19,109.84	68,896.61	0.00	79,574.31	79,574.31
01-Aug-28	904,961.77	106,095.13	1,011,056.90	49,786.77	298,508.55	348,295.32	662,761.58	0.00	662,761.58
01-Feb-29	0.00	125,828.01	125,828.01	42,206.45	19,109.84	61,316.29	0.00	64,511.72	64,511.72
01-Aug-29	936,714.81	81,758.30	1,018,473.11	42,206.45	298,508.55	340,715.00	677,758.11	0.00	677,758.11
01-Feb-30	0.00	102,396.09	102,396.09	34,360.15	19,109.84	53,469.99	0.00	48,926.09	48,926.09
01-Aug-30	973,906.12	56,041.87	1,029,947.99	34,360.15	298,508.55	332,868.70	697,079.29	0.00	697,079.29
01-Feb-31	0.00	78,047.85	78,047.85	26,202.33	19,109.84	45,312.17	0.00	32,735.68	32,735.68
01-Aug-31	1,011,097.42	28,897.27	1,039,994.69	26,202.33	298,508.55	324,710.88	715,283.82	0.00	715,283.82
01-Feb-32	0.00	52,796.75	52,796.75	17,732.97	19,109.84	36,842.81	0.00	15,953.94	15,953.94
01-Aug-32	1,047,850.47	0.00	1,047,850.47	17,732.97	298,548.21	316,281.18	731,569.29	0.00	731,569.29
01-Feb-33	0.00	28,065.59	28,065.59	8,955.76	19,109.84	28,065.60	-0.01	0.00	-0.01
01-Aug-33	1,069,165.27	0.00	1,069,165.27	8,955.76	326,169.22	335,124.98	734,040.29	0.00	734,040.29
	$19,167,286.39	$14,476,757.58	$33,644,043.97	$5,150,112.46	$8,247,572.97	$13,397,685.42	$15,729,340.58	$4,517,017.95	$20,246,358.54

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 9
MWRA
CW-03-07
Final Structuring Analysis

AMENDED SCHEDULE C

Net Borrower Savings due to 2006 Refunding:	$851,417.06
G.E.	2.00%

Schedule of Payments

Remaining Principal Amount:	10,882,155.00

	Schedule of Payments			Subsidy Amounts			Net Payments		
Date	Principal	Interest	Total	Equity Earnings	Commonwealth Subsidies	Total	Principal	Interest	Total
01-Feb-07	0.00	266,237.75	266,237.75	75,953.47	11,687.07	87,640.55	0.00	178,597.21	178,597.21
01-Aug-07	260,451.00	254,430.83	514,881.83	75,953.47	39,851.05	115,804.53	260,451.00	138,626.30	399,077.30
01-Feb-08	0.00	249,221.81	249,221.81	74,135.62	9,495.82	83,631.44	0.00	165,590.37	165,590.37
01-Aug-08	265,045.00	249,221.81	514,266.81	74,135.62	39,851.05	113,986.67	265,045.00	135,235.14	400,280.14
01-Feb-09	0.00	246,173.79	246,173.79	72,285.70	9,495.82	81,781.52	0.00	164,392.26	164,392.26
01-Aug-09	267,993.00	246,173.79	514,166.79	72,285.70	39,851.05	112,136.75	267,993.00	134,037.03	402,030.03
01-Feb-10	0.00	242,555.89	242,555.89	70,415.21	9,495.82	79,911.03	0.00	162,644.86	162,644.86
01-Aug-10	271,925.00	242,555.89	514,480.89	70,415.21	39,851.05	110,266.26	271,925.00	132,289.63	404,214.63
01-Feb-11	0.00	238,477.01	238,477.01	68,517.27	9,495.82	78,013.09	0.00	160,463.91	160,463.91
01-Aug-11	279,856.00	238,477.01	518,333.01	68,517.27	39,851.05	108,368.32	279,856.00	130,108.68	409,964.68
01-Feb-12	0.00	230,780.97	230,780.97	66,563.98	9,495.82	76,059.80	0.00	154,721.17	154,721.17
01-Aug-12	288,789.00	230,780.97	519,569.97	66,563.98	39,851.05	106,415.03	288,789.00	124,365.94	413,154.94
01-Feb-13	0.00	225,582.77	225,582.77	64,548.34	9,495.82	74,044.16	0.00	151,538.61	151,538.61
01-Aug-13	298,096.00	225,582.77	523,678.77	64,548.34	39,851.05	104,399.39	298,096.00	121,183.38	419,279.38
01-Feb-14	0.00	217,385.13	217,385.13	62,467.74	9,495.82	71,963.56	0.00	145,421.57	145,421.57
01-Aug-14	310,000.00	217,385.13	527,385.13	62,467.74	39,851.05	102,318.79	310,000.00	115,066.34	425,066.34
01-Feb-15	0.00	208,860.13	208,860.13	60,304.05	9,495.82	69,799.87	0.00	139,060.26	139,060.26
01-Aug-15	325,000.00	208,860.13	533,860.13	60,304.05	39,851.05	100,155.10	325,000.00	108,705.03	433,705.03
01-Feb-16	0.00	199,922.63	199,922.63	58,035.67	9,495.82	67,531.49	0.00	132,391.14	132,391.14
01-Aug-16	335,000.00	199,922.63	534,922.63	58,035.67	39,851.05	97,886.72	335,000.00	102,035.91	437,035.91
01-Feb-17	0.00	193,222.63	193,222.63	55,697.49	9,495.82	65,193.31	0.00	128,029.32	128,029.32
01-Aug-17	345,000.00	195,120.19	540,120.19	55,697.49	40,224.42	95,921.91	345,000.00	99,198.28	444,198.28
01-Feb-18	0.00	183,692.26	183,692.26	53,289.52	9,402.54	62,692.05	0.00	121,000.21	121,000.21
01-Aug-18	360,000.00	192,359.07	552,359.07	53,289.52	41,463.05	94,752.57	360,000.00	97,606.51	457,606.51
01-Feb-19	0.00	174,927.90	174,927.90	50,776.85	9,183.27	59,960.12	0.00	114,967.79	114,967.79
01-Aug-19	370,000.00	178,735.23	548,735.23	50,776.85	40,287.63	91,064.48	370,000.00	87,670.75	457,670.75
01-Feb-20	0.00	163,802.71	163,802.71	48,194.38	8,814.31	57,008.69	0.00	106,794.02	106,794.02
01-Aug-20	385,000.00	169,916.97	554,916.97	48,194.38	40,372.59	88,566.97	385,000.00	81,350.01	466,350.01
01-Feb-21	0.00	151,652.10	151,652.10	45,507.22	8,317.37	53,824.59	0.00	97,827.52	97,827.52
01-Aug-21	395,000.00	161,048.20	556,048.20	45,507.22	40,521.38	86,028.60	395,000.00	75,019.60	470,019.60
01-Feb-22	0.00	138,129.57	138,129.57	42,750.27	7,599.68	50,349.94	0.00	87,779.63	87,779.63
01-Aug-22	410,000.00	148,415.74	558,415.74	42,750.27	39,978.82	82,729.09	410,000.00	65,686.65	475,686.65
01-Feb-23	0.00	131,637.07	131,637.07	39,888.62	8,339.00	48,227.62	0.00	83,409.45	83,409.45
01-Aug-23	425,000.00	135,138.23	560,138.23	39,888.62	39,383.13	79,271.74	425,000.00	55,866.49	480,866.49
01-Feb-24	0.00	128,337.84	128,337.84	36,922.27	11,851.27	48,773.54	0.00	79,564.30	79,564.30
01-Aug-24	445,000.00	96,748.05	541,748.05	36,922.27	42,206.50	79,128.77	445,000.00	17,619.28	462,619.28
01-Feb-25	0.00	117,485.81	117,485.81	33,816.33	11,851.27	45,667.60	0.00	71,818.21	71,818.21
01-Aug-25	460,000.00	84,795.40	544,795.40	33,816.33	42,206.50	76,022.83	460,000.00	8,772.57	468,772.57
01-Feb-26	0.00	106,268.92	106,268.92	30,605.70	11,851.27	42,456.97	0.00	63,811.95	63,811.95
01-Aug-26	480,000.00	71,257.80	551,257.80	30,605.70	42,206.50	72,812.20	478,445.60	0.00	478,445.60
01-Feb-27	0.00	94,587.96	94,587.96	27,255.48	11,851.27	39,106.75	0.00	55,481.21	55,481.21
01-Aug-27	495,000.00	58,090.93	553,090.93	27,255.48	42,206.50	69,461.98	483,628.95	0.00	483,628.95
01-Feb-28	0.00	82,552.25	82,552.25	23,800.56	11,851.27	35,651.83	0.00	46,900.42	46,900.42
01-Aug-28	515,000.00	43,811.12	558,811.12	23,800.56	42,206.50	66,007.06	492,804.06	0.00	492,804.06
01-Feb-29	0.00	70,050.47	70,050.47	20,206.04	11,851.27	32,057.31	0.00	37,993.15	37,993.15
01-Aug-29	535,000.00	29,615.23	564,615.23	20,206.04	42,206.50	62,412.54	502,202.69	0.00	502,202.69
01-Feb-30	0.00	57,068.12	57,068.12	16,471.94	11,851.27	28,323.21	0.00	28,744.91	28,744.91
01-Aug-30	560,000.00	14,249.29	574,249.29	16,471.94	42,206.50	58,678.44	515,570.85	0.00	515,570.85
01-Feb-31	0.00	43,492.11	43,492.11	12,563.34	11,851.27	24,414.61	0.00	19,077.50	19,077.50
01-Aug-31	580,000.00	0.00	580,000.00	12,563.34	44,008.10	56,571.44	523,428.56	0.00	523,428.56
01-Feb-32	0.00	29,456.05	29,456.05	8,515.16	11,851.27	20,366.43	0.00	9,089.63	9,089.63
01-Aug-32	605,000.00	0.00	605,000.00	8,515.16	61,753.26	70,268.41	534,731.59	0.00	534,731.59
01-Feb-33	0.00	16,143.75	16,143.75	4,292.48	11,851.27	16,143.75	0.00	0.00	0.00
01-Aug-33	615,000.00	0.00	615,000.00	4,292.48	77,557.75	81,850.22	533,149.78	0.00	533,149.78
	$10,882,155.00	$8,100,397.77	$18,982,552.77	$2,447,561.36	$1,436,320.30	$3,883,881.66	$10,561,117.07	$4,537,554.04	$15,098,671.11

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 9
MWRA
DW-03-02A
Final Loan Structuring Analysis

AMENDED SCHEDULE C

Net Borrower Savings due to 2006 Refunding:	293,261.82
G.E.	50.00%

Schedule of Loan Repayments

Initial Loan Obligation:	18,970,184.00

	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayment		
Date	Principal	Interest	Total	DSRF Earnings	Contract Assistance	Total	Principal	Interest	Total
01-Feb-07	0.00	414,679.70	414,679.70	158,901.85	21,460.72	180,362.57	0.00	234,317.13	234,317.13
01-Aug-07	915,431.00	399,143.24	1,314,574.24	158,901.85	450,919.27	609,821.12	704,753.12	0.00	704,753.12
01-Feb-08	0.00	389,988.93	389,988.93	151,233.83	13,800.52	165,034.35	0.00	224,954.58	224,954.58
01-Aug-08	926,922.00	389,988.93	1,316,910.93	151,233.83	450,919.27	602,153.11	714,757.83	0.00	714,757.83
01-Feb-09	0.00	379,329.33	379,329.33	143,469.56	13,800.52	157,270.08	0.00	222,059.25	222,059.25
01-Aug-09	928,605.00	379,329.33	1,307,934.33	143,469.56	450,919.27	594,388.84	713,545.50	0.00	713,545.50
01-Feb-10	0.00	366,793.16	366,793.16	135,691.20	13,800.52	149,491.72	0.00	217,301.44	217,301.44
01-Aug-10	945,191.00	366,793.16	1,311,984.16	135,691.20	450,919.27	586,610.47	725,373.69	0.00	725,373.69
01-Feb-11	0.00	352,615.29	352,615.29	127,773.90	13,800.52	141,574.42	0.00	211,040.87	211,040.87
01-Aug-11	961,603.00	352,615.29	1,314,218.29	127,773.90	450,919.27	578,693.17	735,525.12	0.00	735,525.12
01-Feb-12	0.00	336,388.24	336,388.24	119,719.13	13,800.52	133,519.65	0.00	202,868.59	202,868.59
01-Aug-12	985,224.00	336,388.24	1,321,612.24	119,719.13	450,919.27	570,638.40	750,973.84	0.00	750,973.84
01-Feb-13	0.00	309,294.58	309,294.58	111,466.50	13,800.52	125,267.02	0.00	184,027.56	184,027.56
01-Aug-13	1,022,208.00	309,294.58	1,331,502.58	111,466.50	450,919.27	562,385.77	769,116.81	0.00	769,116.81
01-Feb-14	0.00	290,383.73	290,383.73	102,904.07	13,800.52	116,704.59	0.00	173,679.14	173,679.14
01-Aug-14	1,045,000.00	290,383.73	1,335,383.73	102,904.07	450,919.27	553,823.35	781,560.38	0.00	781,560.38
01-Feb-15	0.00	270,528.73	270,528.73	94,150.74	13,800.52	107,951.26	0.00	162,577.47	162,577.47
01-Aug-15	1,075,000.00	270,528.73	1,345,528.73	94,150.74	450,919.27	545,070.01	800,458.72	0.00	800,458.72
01-Feb-16	0.00	240,966.23	240,966.23	85,146.11	13,800.52	98,946.63	0.00	142,019.60	142,019.60
01-Aug-16	1,120,000.00	240,966.23	1,360,966.23	85,146.11	450,919.27	536,065.38	824,900.85	0.00	824,900.85
01-Feb-17	0.00	211,566.23	211,566.23	75,764.54	13,800.52	89,565.06	0.00	122,001.17	122,001.17
01-Aug-17	1,160,000.00	200,571.19	1,360,571.19	75,764.54	445,421.75	521,186.29	839,384.90	0.00	839,384.90
01-Feb-18	0.00	181,825.77	181,825.77	66,047.91	14,155.29	80,203.21	0.00	101,622.57	101,622.57
01-Aug-18	1,205,000.00	163,334.66	1,368,334.66	66,047.91	442,028.49	508,076.40	860,258.26	0.00	860,258.26
01-Feb-19	0.00	151,576.34	151,576.34	55,954.35	14,846.20	70,800.55	0.00	80,775.79	80,775.79
01-Aug-19	1,250,000.00	139,537.88	1,389,537.88	55,954.35	445,945.72	501,900.07	887,637.80	0.00	887,637.80
01-Feb-20	0.00	120,559.43	120,559.43	45,483.85	14,962.75	60,446.60	0.00	60,112.83	60,112.83
01-Aug-20	1,295,000.00	109,335.59	1,404,335.59	45,483.85	446,469.58	491,953.43	912,382.16	0.00	912,382.16
01-Feb-21	0.00	88,916.27	88,916.27	34,636.41	15,328.66	49,965.08	0.00	38,951.19	38,951.19
01-Aug-21	1,340,000.00	78,720.78	1,418,720.78	34,636.41	447,349.67	481,986.09	936,734.69	0.00	936,734.69
01-Feb-22	0.00	57,078.77	57,078.77	23,412.04	16,159.92	39,571.95	0.00	17,506.82	17,506.82
01-Aug-22	1,385,000.00	37,832.43	1,422,832.43	23,412.04	446,078.33	469,490.37	953,342.07	0.00	953,342.07
01-Feb-23	0.00	28,641.84	28,641.84	11,810.72	16,831.12	28,641.84	0.00	0.00	0.00
01-Aug-23	1,410,000.00	0.00	1,410,000.00	11,810.72	443,788.27	455,599.00	954,401.00	0.00	954,401.00
01-Feb-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	$18,970,184.00	$8,255,896.59	$27,226,080.59	$3,087,133.43	$7,878,024.40	$10,965,157.83	$13,865,106.75	$2,395,816.02	$16,260,922.76

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 9
MWRA
CW-04-13
Final Structuring Analysis

AMENDED SCHEDULE C

Net Borrower Savings due to 2006 Refunding:	$778,535.31
G.E.	2.00%

Schedule of Payments

Remaining Principal Amount:	10,101,913.32

	Schedule of Payments			Subsidy Amounts			Net Payments		
Date	Principal	Interest	Total	Equity Earnings	Commonwealth Subsidies	Total	Principal	Interest	Total
01-Feb-07	0.00	247,195.76	247,195.76	70,507.67	10,835.59	81,343.26	0.00	165,852.50	165,852.50
01-Aug-07	241,432.15	236,221.21	477,653.36	70,507.67	45,554.61	116,062.28	241,432.15	120,158.93	361,591.08
01-Feb-08	0.00	231,392.56	231,392.56	68,822.56	8,657.14	77,479.70	0.00	153,912.86	153,912.86
01-Aug-08	245,697.67	231,392.56	477,090.23	68,822.56	45,554.61	114,377.17	245,697.67	117,015.39	362,713.06
01-Feb-09	0.00	228,567.05	228,567.05	67,107.68	8,657.14	75,764.82	0.00	152,802.23	152,802.23
01-Aug-09	248,434.98	228,567.05	477,002.03	67,107.68	45,554.61	112,662.29	248,434.98	115,904.76	364,339.74
01-Feb-10	0.00	225,213.17	225,213.17	65,373.70	8,657.14	74,030.83	0.00	151,182.34	151,182.34
01-Aug-10	252,085.78	225,213.17	477,298.95	65,373.70	45,554.61	110,928.30	252,085.78	114,284.87	366,370.65
01-Feb-11	0.00	221,431.89	221,431.89	63,614.23	8,657.14	72,271.37	0.00	149,160.52	149,160.52
01-Aug-11	259,449.48	221,431.89	480,881.37	63,614.23	45,554.61	109,168.84	259,449.48	112,263.05	371,712.53
01-Feb-12	0.00	214,297.02	214,297.02	61,803.37	8,657.14	70,460.50	0.00	143,836.52	143,836.52
01-Aug-12	267,744.70	214,297.02	482,041.72	61,803.37	45,554.61	107,357.97	267,744.70	106,939.05	374,683.75
01-Feb-13	0.00	209,477.62	209,477.62	59,934.61	8,657.14	68,591.74	0.00	140,885.88	140,885.88
01-Aug-13	276,387.05	209,477.62	485,864.67	59,934.61	45,554.61	105,489.21	276,387.05	103,988.41	380,375.46
01-Feb-14	0.00	201,876.97	201,876.97	58,005.53	8,657.14	66,662.66	0.00	135,214.31	135,214.31
01-Aug-14	290,470.33	201,876.97	492,347.30	58,005.53	45,554.61	103,560.13	290,470.33	98,316.84	388,787.17
01-Feb-15	0.00	193,889.04	193,889.04	55,978.15	8,657.14	64,635.29	0.00	129,253.76	129,253.76
01-Aug-15	299,061.91	193,889.04	492,950.95	55,978.15	45,554.61	101,532.76	299,061.91	92,356.29	391,418.20
01-Feb-16	0.00	185,664.84	185,664.84	53,890.81	8,657.14	62,547.94	0.00	123,116.90	123,116.90
01-Aug-16	309,789.63	185,664.84	495,454.47	53,890.81	45,554.61	99,445.41	309,789.63	86,219.43	396,009.06
01-Feb-17	0.00	179,469.04	179,469.04	51,728.59	8,657.14	60,385.72	0.00	119,083.32	119,083.32
01-Aug-17	323,381.22	181,181.15	504,562.37	51,728.59	45,913.28	97,641.87	323,381.22	83,539.28	406,920.50
01-Feb-18	0.00	170,544.71	170,544.71	49,471.50	8,565.89	58,037.39	0.00	112,507.32	112,507.32
01-Aug-18	329,108.94	178,596.96	507,705.90	49,471.50	47,150.25	96,621.76	329,108.94	81,975.20	411,084.14
01-Feb-19	0.00	162,515.80	162,515.80	47,174.44	8,348.99	55,523.43	0.00	106,992.37	106,992.37
01-Aug-19	342,700.53	166,072.39	508,772.92	47,174.44	45,991.54	93,165.99	342,700.53	72,906.41	415,606.94
01-Feb-20	0.00	152,203.49	152,203.49	44,782.52	7,983.46	52,765.98	0.00	99,437.51	99,437.51
01-Aug-20	356,292.11	157,910.52	514,202.63	44,782.52	46,076.52	90,859.04	356,292.11	67,051.48	423,343.59
01-Feb-21	0.00	140,944.76	140,944.76	42,295.73	7,490.86	49,786.59	0.00	91,158.18	91,158.18
01-Aug-21	369,883.70	149,635.23	519,518.93	42,295.73	46,208.93	88,504.66	369,883.70	61,130.58	431,014.28
01-Feb-22	0.00	128,318.16	128,318.16	39,714.08	6,782.87	46,496.95	0.00	81,821.21	81,821.21
01-Aug-22	381,339.15	137,864.69	519,203.84	39,714.08	45,680.28	85,394.36	381,339.15	52,470.34	433,809.49
01-Feb-23	0.00	122,277.04	122,277.04	37,052.47	7,514.50	44,566.96	0.00	77,710.07	77,710.07
01-Aug-23	394,930.73	125,525.53	520,456.26	37,052.47	45,092.50	82,144.97	394,930.73	43,380.55	438,311.28
01-Feb-24	0.00	119,364.08	119,364.08	34,296.00	10,988.21	45,284.21	0.00	74,079.88	74,079.88
01-Aug-24	411,386.18	90,623.30	502,009.48	34,296.00	47,885.68 *	82,181.68	411,386.18	8,441.62	419,827.80
01-Feb-25	0.00	109,319.64	109,319.64	31,424.67	10,988.21	42,412.88	0.00	66,906.76	66,906.76
01-Aug-25	427,841.63	79,396.53	507,238.16	31,424.67	47,885.68	79,310.35	427,841.63	86.18	427,927.81
01-Feb-26	0.00	98,874.27	98,874.27	28,438.49	10,988.21	39,426.70	0.00	59,447.57	59,447.57
01-Aug-26	444,297.07	66,980.98	511,278.05	28,438.49	47,885.68	76,324.17	434,953.88	0.00	434,953.88
01-Feb-27	0.00	88,048.67	88,048.67	25,337.46	10,988.21	36,325.67	0.00	51,723.00	51,723.00
01-Aug-27	460,752.52	54,615.27	515,367.79	25,337.46	47,885.68	73,223.14	442,144.65	0.00	442,144.65
01-Feb-28	0.00	76,831.54	76,831.54	22,121.58	10,988.21	33,109.79	0.00	43,721.75	43,721.75
01-Aug-28	477,207.97	41,502.31	518,710.28	22,121.58	47,885.68	70,007.26	448,703.03	0.00	448,703.03
01-Feb-29	0.00	65,232.25	65,232.25	18,790.84	10,988.21	29,779.05	0.00	35,453.20	35,453.20
01-Aug-29	501,527.28	27,927.59	529,454.87	18,790.84	47,885.68	66,676.52	462,778.35	0.00	462,778.35
01-Feb-30	0.00	53,046.42	53,046.42	15,290.36	10,988.21	26,278.57	0.00	26,767.85	26,767.85
01-Aug-30	520,846.59	13,852.59	534,699.18	15,290.36	47,885.68	63,176.04	471,523.14	0.00	471,523.14
01-Feb-31	0.00	40,403.06	40,403.06	11,655.04	10,988.21	22,643.25	0.00	17,759.81	17,759.81
01-Aug-31	540,165.89	0.00	540,165.89	11,655.04	48,996.97	60,652.01	479,513.88	0.00	479,513.88
01-Feb-32	0.00	27,313.47	27,313.47	7,884.88	10,988.21	18,873.09	0.00	8,440.38	8,440.38
01-Aug-32	559,485.20	0.00	559,485.20	7,884.88	65,173.21	73,058.09	486,427.11	0.00	486,427.11
01-Feb-33	0.00	14,968.09	14,968.09	3,979.88	10,988.21	14,968.09	0.00	0.00	0.00
01-Aug-33	570,212.93	0.00	570,212.93	3,979.88	79,905.64	83,885.51	486,327.42	0.00	486,327.42
	$10,101,913.32	$7,528,396.84	$17,630,310.16	$2,272,953.65	$1,560,910.56	$3,833,864.21	$9,739,789.32	$4,056,656.63	$13,796,445.95

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 8
MWRA
CW-04-13-B
Final Loan Structuring Analysis

AMENDED SCHEDULE C

G.E. 2.00%
FROM SWAP

Schedule of Loan Repayments

Initial Loan Obligation: 110,899.00

	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayment		
Date	Principal	Interest	Total	DSRF Earnings	Contract Assistance	Total	Principal	Interest	Total
01-Feb-05	0.00	1,155.57	1,155.57	421.40	0.00	421.40	0.00	734.17	734.17
01-Aug-05	4,900.01	2,578.78	7,478.79	798.45	977.45	1,775.90	4,900.01	802.87	5,702.88
01-Feb-06	0.00	2,505.27	2,505.27	763.17	7.73	770.90	0.00	1,734.37	1,734.37
01-Aug-06	4,981.50	2,505.27	7,486.77	763.17	977.45	1,740.62	4,981.50	764.64	5,746.14
01-Feb-07	0.00	2,430.55	2,430.55	727.30	7.73	735.03	0.00	1,695.52	1,695.52
01-Aug-07	5,064.37	2,430.55	7,494.92	727.30	977.45	1,704.75	5,064.37	725.79	5,790.16
01-Feb-08	0.00	2,354.59	2,354.59	690.84	7.73	698.57	0.00	1,656.02	1,656.02
01-Aug-08	5,174.99	2,372.83	7,547.82	690.84	982.88	1,673.72	5,174.99	699.11	5,874.10
01-Feb-09	0.00	2,250.80	2,250.80	653.58	7.73	661.31	0.00	1,589.49	1,589.49
01-Aug-09	5,341.71	2,250.80	7,592.51	653.58	977.29	1,630.87	5,341.71	619.93	5,961.64
01-Feb-10	0.00	2,117.26	2,117.26	615.12	7.73	622.85	0.00	1,494.41	1,494.41
01-Aug-10	5,541.21	2,117.26	7,658.47	615.12	977.29	1,592.41	5,541.21	524.85	6,066.06
01-Feb-11	0.00	1,978.73	1,978.73	575.22	7.73	582.95	0.00	1,395.78	1,395.78
01-Aug-11	5,748.04	1,978.73	7,726.77	575.22	977.29	1,552.51	5,748.04	426.22	6,174.26
01-Feb-12	0.00	1,835.03	1,835.03	533.84	7.73	541.57	0.00	1,293.46	1,293.46
01-Aug-12	5,962.80	1,835.03	7,797.83	533.84	997.47	1,531.31	5,962.80	303.72	6,266.52
01-Feb-13	0.00	1,752.83	1,752.83	490.91	7.73	498.64	0.00	1,254.19	1,254.19
01-Aug-13	6,375.99	1,313.67	7,689.66	490.91	870.18	1,361.09	6,328.57	0.00	6,328.57
01-Feb-14	0.00	1,536.04	1,536.04	445.01	7.73	452.74	0.00	1,083.30	1,083.30
01-Aug-14	6,375.99	1,136.45	7,512.44	445.01	867.23	1,312.24	6,200.20	0.00	6,200.20
01-Feb-15	0.00	1,368.75	1,368.75	399.10	7.73	406.83	0.00	961.92	961.92
01-Aug-15	6,764.69	976.87	7,741.56	399.10	870.17	1,269.27	6,472.29	0.00	6,472.29
01-Feb-16	0.00	1,201.59	1,201.59	350.39	7.73	358.12	0.00	843.47	843.47
01-Aug-16	6,764.69	804.76	7,569.45	350.39	870.63	1,221.02	6,348.42	0.00	6,348.42
01-Feb-17	0.00	1,037.00	1,037.00	301.69	7.73	309.42	0.00	727.58	727.58
01-Aug-17	7,309.09	739.86	8,048.95	301.69	902.70	1,204.39	6,844.57	0.00	6,844.57
01-Feb-18	0.00	856.28	856.28	249.07	5.52	254.59	0.00	601.69	601.69
01-Aug-18	6,607.83	788.78	7,396.61	249.07	882.95	1,132.02	6,264.58	0.00	6,264.58
01-Feb-19	0.00	692.78	692.78	201.49	5.52	207.01	0.00	485.77	485.77
01-Aug-19	6,607.83	422.15	7,029.98	201.49	823.58	1,025.07	6,004.91	0.00	6,004.91
01-Feb-20	0.00	532.33	532.33	153.92	5.52	159.44	0.00	372.89	372.89
01-Aug-20	6,996.52	368.79	7,365.31	153.92	857.98	1,011.90	6,353.40	0.00	6,353.40
01-Feb-21	0.00	359.54	359.54	103.55	5.52	109.07	0.00	250.47	250.47
01-Aug-21	6,996.52	359.54	7,356.06	103.55	907.99	1,011.54	6,344.52	0.00	6,344.52
01-Feb-22	0.00	184.63	184.63	53.17	5.52	58.69	0.00	125.94	125.94
01-Aug-22	7,385.22	184.63	7,569.85	53.17	907.99	961.16	6,608.69	0.00	6,608.69
01-Feb-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	110,899.00	51,314.31	162,213.31	15,834.59	16,726.35	32,560.94	106,484.78	23,167.59	129,652.38

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 8
MWRA
DW-04-03-A
Final Loan Structuring Analysis

AMENDED SCHEDULE C

G.E. 50.00%

FROM SWAP

Schedule of Loan Repayments

Obligation: 1,670,432.61

Date	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayment		
	Principal	Interest	Total	DSRF Earnings	Revised Contract Assistance	Total	Principal	Interest	Total
01-Feb-05	0.00	17,650.42	17,650.42	7,617.70	0.00	7,617.70	0.00	10,032.72	10,032.72
01-Aug-05	80,474.76	38,749.38	119,224.14	14,433.54	40,288.85	54,722.39	64,501.75	0.00	64,501.75
01-Feb-06	0.00	37,542.25	37,542.25	13,738.21	461.82	14,200.03	0.00	23,342.22	23,342.22
01-Aug-06	82,472.29	37,542.25	120,014.54	13,738.21	40,288.85	54,027.06	65,987.48	0.00	65,987.48
01-Feb-07	0.00	35,480.44	35,480.44	13,025.60	461.82	13,487.42	0.00	21,993.02	21,993.02
01-Aug-07	85,365.24	35,480.44	120,845.68	13,025.60	40,288.85	53,314.45	67,531.23	0.00	67,531.23
01-Feb-08	0.00	33,346.33	33,346.33	12,287.95	461.82	12,749.77	0.00	20,596.56	20,596.56
01-Aug-08	88,357.12	33,681.75	122,038.87	12,287.95	40,454.05	52,742.00	69,296.88	0.00	69,296.88
01-Feb-09	0.00	31,132.33	31,132.33	11,524.51	461.82	11,986.33	0.00	19,146.00	19,146.00
01-Aug-09	90,710.75	31,132.33	121,843.08	11,524.51	40,283.82	51,808.33	70,034.75	0.00	70,034.75
01-Feb-10	0.00	29,590.28	29,590.28	10,740.73	461.82	11,202.55	0.00	18,387.73	18,387.73
01-Aug-10	93,146.73	29,590.28	122,737.01	10,740.73	40,283.82	51,024.55	71,712.46	0.00	71,712.46
01-Feb-11	0.00	27,261.60	27,261.60	9,935.87	461.82	10,397.69	0.00	16,863.91	16,863.91
01-Aug-11	95,773.48	27,261.60	123,035.08	9,935.87	40,283.82	50,219.69	72,815.39	0.00	72,815.39
01-Feb-12	0.00	25,489.78	25,489.78	9,108.33	461.82	9,570.15	0.00	15,919.63	15,919.63
01-Aug-12	97,990.46	25,489.78	123,480.24	9,108.33	40,898.47	50,006.80	73,473.44	0.00	73,473.44
01-Feb-13	0.00	24,759.28	24,759.28	8,261.64	461.82	8,723.46	0.00	16,035.82	16,035.82
01-Aug-13	101,344.80	16,634.20	117,979.00	8,261.64	36,996.54	45,258.18	72,720.82	0.00	72,720.82
01-Feb-14	0.00	21,190.91	21,190.91	7,385.95	461.82	7,847.77	0.00	13,343.14	13,343.14
01-Aug-14	108,491.07	13,334.35	121,825.42	7,385.95	36,679.49	44,065.44	77,759.99	0.00	77,759.99
01-Feb-15	0.00	18,348.45	18,348.45	6,448.54	461.82	6,910.36	0.00	11,438.09	11,438.09
01-Aug-15	109,618.01	10,965.63	120,583.64	6,448.54	36,938.01	43,386.55	77,197.09	0.00	77,197.09
01-Feb-16	0.00	15,645.88	15,645.88	5,501.36	461.82	5,963.18	0.00	9,682.70	9,682.70
01-Aug-16	110,914.84	8,087.58	119,002.42	5,501.36	36,911.42	42,412.78	76,589.64	0.00	76,589.64
01-Feb-17	0.00	12,957.44	12,957.44	4,542.99	461.82	5,004.81	0.00	7,952.63	7,952.63
01-Aug-17	117,279.80	7,403.70	124,683.50	4,542.99	37,975.30	42,518.29	82,165.21	0.00	82,165.21
01-Feb-18	0.00	10,064.19	10,064.19	3,529.62	461.82	3,991.44	0.00	6,072.75	6,072.75
01-Aug-18	119,428.68	8,624.81	128,053.49	3,529.62	40,072.99	43,602.61	84,450.88	0.00	84,450.88
01-Feb-19	0.00	7,120.73	7,120.73	2,497.69	461.82	2,959.51	0.00	4,161.22	4,161.22
01-Aug-19	125,795.99	1,139.69	126,935.68	2,497.69	37,866.76	40,364.45	86,571.23	0.00	86,571.23
01-Feb-20	0.00	4,062.80	4,062.80	1,410.73	134.81	1,545.54	0.00	2,517.26	2,517.26
01-Aug-20	52,921.57	2,609.25	55,530.82	1,410.73	17,280.62	18,691.35	36,839.47	0.00	36,839.47
01-Feb-21	0.00	2,758.67	2,758.67	953.45	134.81	1,088.26	0.00	1,670.41	1,670.41
01-Aug-21	54,696.72	2,758.67	57,455.39	953.45	18,016.85	18,970.30	38,485.09	0.00	38,485.09
01-Feb-22	0.00	1,391.26	1,391.26	480.85	134.81	615.66	0.00	775.60	775.60
01-Aug-22	55,650.30	1,391.26	57,041.56	480.85	18,016.85	18,497.70	38,543.86	0.00	38,543.86
01-Feb-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1,670,432.61	687,670.03	2,358,102.64	264,799.28	646,695.29	911,494.57	1,226,676.65	219,931.42	1,446,608.07

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 8
MWRA
DW-04-02-A
Final Loan Structuring Analysis

AMENDED SCHEDULE C

G.E. 2.00%
FROM SWAP

Schedule of Loan Repayments

Obligation: 21,757.16

Date	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayment		
	Principal	Interest	Total	DSRF Earnings	Revised Contract Assistance	Total	Principal	Interest	Total
01-Feb-05	0.00	213.34	213.34	82.67	0.00	82.67	0.00	130.67	130.67
01-Aug-05	889.07	509.56	1,398.63	156.65	170.79	327.44	889.07	182.12	1,071.19
01-Feb-06	0.00	496.22	496.22	150.25	16.41	166.66	0.00	329.56	329.56
01-Aug-06	913.31	496.22	1,409.53	150.25	170.79	321.04	913.31	175.18	1,088.49
01-Feb-07	0.00	473.39	473.39	143.67	16.41	160.08	0.00	313.31	313.31
01-Aug-07	947.62	473.39	1,421.01	143.67	170.79	314.46	947.62	158.93	1,106.55
01-Feb-08	0.00	449.70	449.70	136.85	16.41	153.26	0.00	296.44	296.44
01-Aug-08	983.24	453.98	1,437.22	136.85	172.08	308.93	983.24	145.05	1,128.29
01-Feb-09	0.00	425.06	425.06	129.77	16.41	146.18	0.00	278.88	278.88
01-Aug-09	1,011.79	425.06	1,436.85	129.77	170.76	300.53	1,011.79	124.53	1,136.32
01-Feb-10	0.00	407.86	407.86	122.48	16.41	138.89	0.00	268.97	268.97
01-Aug-10	1,041.44	407.86	1,449.30	122.48	170.76	293.24	1,041.44	114.62	1,156.06
01-Feb-11	0.00	381.82	381.82	114.99	16.41	131.40	0.00	250.42	250.42
01-Aug-11	1,073.30	381.82	1,455.12	114.99	170.76	285.75	1,073.30	96.07	1,169.37
01-Feb-12	0.00	361.97	361.97	107.26	16.41	123.67	0.00	238.30	238.30
01-Aug-12	1,100.49	361.97	1,462.46	107.26	175.54	282.80	1,100.49	79.17	1,179.66
01-Feb-13	0.00	355.62	355.62	99.33	16.41	115.74	0.00	239.88	239.88
01-Aug-13	1,254.26	254.36	1,508.62	99.33	145.89	245.22	1,254.26	9.15	1,263.41
01-Feb-14	0.00	311.10	311.10	90.30	16.41	106.71	0.00	204.39	204.39
01-Aug-14	1,254.26	219.18	1,473.44	90.30	145.20	235.50	1,237.94	0.00	1,237.94
01-Feb-15	0.00	278.19	278.19	81.27	16.41	97.68	0.00	180.51	180.51
01-Aug-15	1,254.26	192.66	1,446.92	81.27	147.28	228.55	1,218.38	0.00	1,218.38
01-Feb-16	0.00	247.23	247.23	72.24	16.41	88.65	0.00	158.58	158.58
01-Aug-16	1,254.26	160.62	1,414.88	72.24	147.38	219.62	1,195.26	0.00	1,195.26
01-Feb-17	0.00	216.90	216.90	63.21	16.41	79.62	0.00	137.28	137.28
01-Aug-17	1,254.26	156.61	1,410.87	63.21	155.83	219.04	1,191.83	0.00	1,191.83
01-Feb-18	0.00	185.90	185.90	54.18	16.41	70.59	0.00	115.31	115.31
01-Aug-18	1,505.12	167.90	1,673.02	54.18	168.98	223.16	1,449.86	0.00	1,449.86
01-Feb-19	0.00	148.73	148.73	43.35	16.41	59.76	0.00	88.97	88.97
01-Aug-19	1,505.12	76.66	1,581.78	43.35	153.01	196.36	1,385.43	0.00	1,385.43
01-Feb-20	0.00	112.34	112.34	32.51	16.41	48.92	0.00	63.42	63.42
01-Aug-20	1,505.12	71.00	1,576.12	32.51	162.92	195.43	1,380.69	0.00	1,380.69
01-Feb-21	0.00	75.26	75.26	21.67	16.41	38.08	0.00	37.18	37.18
01-Aug-21	1,505.12	75.26	1,580.38	21.67	175.70	197.37	1,383.01	0.00	1,383.01
01-Feb-22	0.00	37.63	37.63	10.84	16.41	27.25	0.00	10.38	10.38
01-Aug-22	1,505.12	37.63	1,542.75	10.84	175.70	186.54	1,356.21	0.00	1,356.21
01-Feb-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	21,757.16	10,099.99	31,857.15	3,187.66	3,229.11	6,416.77	21,013.12	4,427.25	25,440.37

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 10
MWRA
CW-00-07-A
Final Structuring Analysis

AMENDED SCHEDULE C

Net Borrower Savings due to 2006 Refunding:	37,919.25
G.E.	50.00%

Schedule of Payments

Initial Principal Amount:	824,369.00

	Schedule of Payments			Subsidy Amounts			Net Payments		
Date	Principal	Interest	Total	Equity Earnings	Commonwealth Subsidies	Total	Principal	Interest	Total
01-Feb-07	0.00	20,173.66	20,173.66	6,462.06	761.72	7,223.78	0.00	12,949.88	12,949.88
01-Aug-07	18,067.00	19,406.93	37,473.93	6,462.06	12,027.71	18,489.77	18,067.00	917.16	18,984.16
01-Feb-08	0.00	18,955.25	18,955.25	6,320.44	383.62	6,704.06	0.00	12,251.19	12,251.19
01-Aug-08	18,731.00	18,955.25	37,686.25	6,320.44	12,027.71	18,348.15	18,731.00	607.10	19,338.10
01-Feb-09	0.00	18,486.98	18,486.98	6,173.61	383.62	6,557.23	0.00	11,929.75	11,929.75
01-Aug-09	19,221.00	18,486.98	37,707.98	6,173.61	12,027.71	18,201.32	19,221.00	285.66	19,506.66
01-Feb-10	0.00	18,198.66	18,198.66	6,022.94	383.62	6,406.56	0.00	11,792.10	11,792.10
01-Aug-10	19,528.00	18,198.66	37,726.66	6,022.94	12,027.71	18,050.65	19,528.00	148.01	19,676.01
01-Feb-11	0.00	17,905.74	17,905.74	5,869.87	383.62	6,253.49	0.00	11,652.25	11,652.25
01-Aug-11	20,044.00	17,905.74	37,949.74	5,869.87	12,027.71	17,897.58	20,044.00	8.16	20,052.16
01-Feb-12	0.00	17,404.64	17,404.64	5,712.74	383.62	6,096.36	0.00	11,308.27	11,308.27
01-Aug-12	20,588.00	17,404.64	37,992.64	5,712.74	12,027.71	17,740.45	20,252.18	0.00	20,252.18
01-Feb-13	0.00	17,075.23	17,075.23	5,551.36	383.62	5,934.98	0.00	11,140.25	11,140.25
01-Aug-13	21,180.00	17,075.23	38,255.23	5,551.36	12,027.71	17,579.07	20,676.16	0.00	20,676.16
01-Feb-14	0.00	16,519.26	16,519.26	5,385.33	383.62	5,768.95	0.00	10,750.31	10,750.31
01-Aug-14	22,010.00	16,519.26	38,529.26	5,385.33	12,027.71	17,413.04	21,116.22	0.00	21,116.22
01-Feb-15	0.00	15,941.49	15,941.49	5,212.80	383.62	5,596.42	0.00	10,345.07	10,345.07
01-Aug-15	25,000.00	15,941.49	40,941.49	5,212.80	12,027.71	17,240.51	23,700.98	0.00	23,700.98
01-Feb-16	0.00	15,285.24	15,285.24	5,016.83	383.62	5,400.45	0.00	9,884.79	9,884.79
01-Aug-16	25,000.00	15,065.71	40,065.71	5,016.83	11,917.95	16,934.78	23,130.93	0.00	23,130.93
01-Feb-17	0.00	14,669.76	14,669.76	4,820.86	404.00	5,224.86	0.00	9,444.89	9,444.89
01-Aug-17	25,000.00	14,420.30	39,420.30	4,820.86	11,923.36	16,744.22	22,676.07	0.00	22,676.07
01-Feb-18	0.00	14,006.90	14,006.90	4,624.89	400.70	5,025.59	0.00	8,981.31	8,981.31
01-Aug-18	25,000.00	13,813.18	38,813.18	4,624.89	11,947.93	16,572.82	22,240.36	0.00	22,240.36
01-Feb-19	0.00	13,314.40	13,314.40	4,428.92	366.95	4,795.87	0.00	8,518.53	8,518.53
01-Aug-19	25,000.00	13,237.05	38,237.05	4,428.92	11,972.37	16,401.29	21,835.77	0.00	21,835.77
01-Feb-20	0.00	12,603.29	12,603.29	4,232.95	323.89	4,556.85	0.00	8,046.44	8,046.44
01-Aug-20	30,000.00	12,559.70	42,559.70	4,232.95	11,946.19	16,179.14	26,380.56	0.00	26,380.56
01-Feb-21	0.00	11,750.15	11,750.15	3,997.79	272.32	4,270.11	0.00	7,480.04	7,480.04
01-Aug-21	30,000.00	11,867.75	41,867.75	3,997.79	11,975.21	15,973.00	25,894.75	0.00	25,894.75
01-Feb-22	0.00	10,861.20	10,861.20	3,762.62	202.85	3,965.47	0.00	6,895.72	6,895.72
01-Aug-22	30,000.00	10,948.59	40,948.59	3,762.62	11,890.64	15,653.26	25,295.33	0.00	25,295.33
01-Feb-23	0.00	10,418.46	10,418.46	3,527.46	356.48	3,883.94	0.00	6,534.52	6,534.52
01-Aug-23	30,000.00	10,041.81	40,041.81	3,527.46	11,812.24	15,339.70	24,702.10	0.00	24,702.10
01-Feb-24	0.00	10,074.67	10,074.67	3,292.30	559.59	3,851.88	0.00	6,222.79	6,222.79
01-Aug-24	30,000.00	9,323.84	39,323.84	3,292.30	11,828.26 *	15,120.56	24,203.28	0.00	24,203.28
01-Feb-25	0.00	9,459.15	9,459.15	3,057.13	772.25	3,829.38	0.00	5,629.76	5,629.76
01-Aug-25	35,000.00	7,831.42	42,831.42	3,057.13	12,416.34	15,473.47	27,357.95	0.00	27,357.95
01-Feb-26	0.00	8,609.37	8,609.37	2,782.77	772.25	3,555.02	0.00	5,054.34	5,054.34
01-Aug-26	35,000.00	6,984.29	41,984.29	2,782.77	12,416.34	15,199.11	26,785.18	0.00	26,785.18
01-Feb-27	0.00	7,759.18	7,759.18	2,508.42	772.25	3,280.67	0.00	4,478.51	4,478.51
01-Aug-27	35,000.00	3,829.82	38,829.82	2,508.42	12,416.34	14,924.76	23,905.06	0.00	23,905.06
01-Feb-28	0.00	6,938.94	6,938.94	2,234.06	772.25	3,006.31	0.00	3,932.63	3,932.63
01-Aug-28	35,000.00	5,300.27	40,300.27	2,234.06	12,416.34	14,650.40	25,649.87	0.00	25,649.87
01-Feb-29	0.00	6,089.22	6,089.22	1,959.70	772.25	2,731.95	0.00	3,357.27	3,357.27
01-Aug-29	40,000.00	4,244.60	44,244.60	1,959.70	12,416.34	14,376.04	29,868.56	0.00	29,868.56
01-Feb-30	0.00	5,117.07	5,117.07	1,646.15	772.25	2,418.40	0.00	2,698.67	2,698.67
01-Aug-30	40,000.00	3,286.43	43,286.43	1,646.15	12,416.34	14,062.49	29,223.95	0.00	29,223.95
01-Feb-31	0.00	4,144.29	4,144.29	1,332.60	772.25	2,104.85	0.00	2,039.44	2,039.44
01-Aug-31	40,000.00	2,334.23	42,334.23	1,332.60	12,416.34	13,748.94	28,585.29	0.00	28,585.29
01-Feb-32	0.00	3,170.70	3,170.70	1,019.04	772.25	1,791.29	0.00	1,379.41	1,379.41
01-Aug-32	40,000.00	1,359.53	41,359.53	1,019.04	12,416.34	13,435.38	27,924.14	0.00	27,924.14
01-Feb-33	0.00	2,196.91	2,196.91	705.49	772.25	1,477.74	0.00	719.17	719.17
01-Aug-33	45,000.00	162.46	45,162.46	705.49	12,416.34	13,121.83	32,040.62	0.00	32,040.62
01-Feb-34	0.00	1,125.00	1,125.00	352.75	772.25	1,125.00	0.00	0.00	0.00
01-Aug-34	45,000.00	0.00	45,000.00	352.75	13,208.97	13,561.72	31,438.28	0.00	31,438.28
	$824,369.00	$634,759.92	$1,459,128.92	$216,027.80	$355,243.15	$571,270.95	$680,474.59	$207,383.39	$887,857.98

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 10
MWRA
CW-00-08-A
Final Structuring Analysis

AMENDED SCHEDULE C

Net Borrower Savings due to 2006 Refunding:	25,745.69
G.E.	50.00%

Schedule of Payments

Initial Principal Amount:	550,329.00

	Schedule of Payments			Subsidy Amounts			Net Payments		
Date	Principal	Interest	Total	Equity Earnings	Commonwealth Subsidies	Total	Principal	Interest	Total
01-Feb-07	0.00	13,464.70	13,464.70	4,313.92	507.76	4,821.68	0.00	8,643.02	8,643.02
01-Aug-07	11,914.00	12,949.49	24,863.49	4,313.92	8,016.39	12,330.31	11,914.00	619.18	12,533.18
01-Feb-08	0.00	12,651.64	12,651.64	4,220.53	253.69	4,474.22	0.00	8,177.42	8,177.42
01-Aug-08	12,358.00	12,651.64	25,009.64	4,220.53	8,016.39	12,236.92	12,358.00	414.72	12,772.72
01-Feb-09	0.00	12,342.69	12,342.69	4,123.66	253.69	4,377.35	0.00	7,965.34	7,965.34
01-Aug-09	12,690.00	12,342.69	25,032.69	4,123.66	8,016.39	12,140.05	12,690.00	202.64	12,892.64
01-Feb-10	0.00	12,152.34	12,152.34	4,024.18	253.69	4,277.88	0.00	7,874.46	7,874.46
01-Aug-10	12,899.00	12,152.34	25,051.34	4,024.18	8,016.39	12,040.58	12,899.00	111.76	13,010.76
01-Feb-11	0.00	11,958.86	11,958.86	3,923.07	253.69	4,176.76	0.00	7,782.10	7,782.10
01-Aug-11	13,249.00	11,958.86	25,207.86	3,923.07	8,016.39	11,939.46	13,249.00	19.40	13,268.40
01-Feb-12	0.00	11,627.63	11,627.63	3,819.21	253.69	4,072.91	0.00	7,554.72	7,554.72
01-Aug-12	13,618.00	11,627.63	25,245.63	3,819.21	8,016.39	11,835.61	13,410.02	0.00	13,410.02
01-Feb-13	0.00	11,409.74	11,409.74	3,712.46	253.69	3,966.16	0.00	7,443.58	7,443.58
01-Aug-13	14,019.00	11,409.74	25,428.74	3,712.46	8,016.39	11,728.86	13,699.88	0.00	13,699.88
01-Feb-14	0.00	11,041.74	11,041.74	3,602.57	253.69	3,856.27	0.00	7,185.47	7,185.47
01-Aug-14	14,582.00	11,041.74	25,623.74	3,602.57	8,016.39	11,618.97	14,004.77	0.00	14,004.77
01-Feb-15	0.00	10,658.96	10,658.96	3,488.27	253.69	3,741.96	0.00	6,917.00	6,917.00
01-Aug-15	15,000.00	10,658.96	25,658.96	3,488.27	8,016.39	11,504.66	14,154.30	0.00	14,154.30
01-Feb-16	0.00	10,265.21	10,265.21	3,370.68	253.69	3,624.38	0.00	6,640.83	6,640.83
01-Aug-16	15,000.00	10,161.49	25,161.49	3,370.68	7,964.53	11,335.22	13,826.27	0.00	13,826.27
01-Feb-17	0.00	9,896.58	9,896.58	3,253.10	266.25	3,519.36	0.00	6,377.22	6,377.22
01-Aug-17	15,000.00	9,774.30	24,774.30	3,253.10	7,967.82	11,220.92	13,553.38	0.00	13,553.38
01-Feb-18	0.00	9,495.84	9,495.84	3,135.52	262.76	3,398.28	0.00	6,097.56	6,097.56
01-Aug-18	15,000.00	9,411.21	24,411.21	3,135.52	7,983.15	11,118.67	13,292.55	0.00	13,292.55
01-Feb-19	0.00	9,072.13	9,072.13	3,017.94	238.40	3,256.34	0.00	5,815.79	5,815.79
01-Aug-19	20,000.00	8,951.32	28,951.32	3,017.94	7,940.70	10,958.64	17,992.68	0.00	17,992.68
01-Feb-20	0.00	8,518.54	8,518.54	2,861.16	211.61	3,072.77	0.00	5,445.77	5,445.77
01-Aug-20	20,000.00	8,495.44	28,495.44	2,861.16	7,962.76	10,823.92	17,671.52	0.00	17,671.52
01-Feb-21	0.00	7,948.18	7,948.18	2,704.39	176.43	2,880.81	0.00	5,067.36	5,067.36
01-Aug-21	20,000.00	8,034.28	28,034.28	2,704.39	7,982.18	10,686.57	17,347.71	0.00	17,347.71
01-Feb-22	0.00	7,353.32	7,353.32	2,547.61	129.00	2,676.61	0.00	4,676.71	4,676.71
01-Aug-22	20,000.00	7,420.99	27,420.99	2,547.61	7,925.54	10,473.15	16,947.85	0.00	16,947.85
01-Feb-23	0.00	7,060.85	7,060.85	2,390.83	232.77	2,623.60	0.00	4,437.25	4,437.25
01-Aug-23	20,000.00	6,815.98	26,815.98	2,390.83	7,873.03	10,263.86	16,552.11	0.00	16,552.11
01-Feb-24	0.00	6,836.04	6,836.04	2,234.06	370.36	2,604.42	0.00	4,231.62	4,231.62
01-Aug-24	20,000.00	6,337.39	26,337.39	2,234.06	7,883.74 *	10,117.80	16,219.60	0.00	16,219.60
01-Feb-25	0.00	6,427.07	6,427.07	2,077.28	514.84	2,592.12	0.00	3,834.95	3,834.95
01-Aug-25	20,000.00	5,480.75	25,480.75	2,077.28	8,277.54	10,354.82	15,125.93	0.00	15,125.93
01-Feb-26	0.00	5,941.57	5,941.57	1,920.51	514.84	2,435.35	0.00	3,506.22	3,506.22
01-Aug-26	25,000.00	4,784.00	29,784.00	1,920.51	8,277.54	10,198.05	19,585.95	0.00	19,585.95
01-Feb-27	0.00	5,334.29	5,334.29	1,724.54	514.84	2,239.38	0.00	3,094.91	3,094.91
01-Aug-27	25,000.00	2,539.29	27,539.29	1,724.54	8,277.54	10,002.08	17,537.21	0.00	17,537.21
01-Feb-28	0.00	4,747.68	4,747.68	1,528.57	514.84	2,043.41	0.00	2,704.27	2,704.27
01-Aug-28	25,000.00	3,581.20	28,581.20	1,528.57	8,277.54	9,806.11	18,775.10	0.00	18,775.10
01-Feb-29	0.00	4,140.62	4,140.62	1,332.60	514.84	1,847.44	0.00	2,293.18	2,293.18
01-Aug-29	25,000.00	2,981.17	27,981.17	1,332.60	8,277.54	9,610.14	18,371.03	0.00	18,371.03
01-Feb-30	0.00	3,533.22	3,533.22	1,136.63	514.84	1,651.47	0.00	1,881.75	1,881.75
01-Aug-30	25,000.00	2,382.48	27,382.48	1,136.63	8,277.54	9,414.17	17,968.31	0.00	17,968.31
01-Feb-31	0.00	2,925.44	2,925.44	940.66	514.84	1,455.50	0.00	1,469.95	1,469.95
01-Aug-31	30,000.00	1,571.57	31,571.57	940.66	8,277.54	9,218.20	22,353.37	0.00	22,353.37
01-Feb-32	0.00	2,195.13	2,195.13	705.49	514.84	1,220.33	0.00	974.80	974.80
01-Aug-32	30,000.00	840.53	30,840.53	705.49	8,277.54	8,983.03	21,857.49	0.00	21,857.49
01-Feb-33	0.00	1,464.61	1,464.61	470.33	514.84	985.17	0.00	479.44	479.44
01-Aug-33	30,000.00	108.30	30,108.30	470.33	8,277.54	8,747.87	21,360.44	0.00	21,360.44
01-Feb-34	0.00	750.00	750.00	235.16	514.84	750.00	0.00	0.00	0.00
01-Aug-34	30,000.00	0.00	30,000.00	235.16	8,805.96	9,041.13	20,958.87	0.00	20,958.87
	$550,329.00	$427,679.38	$978,008.38	$145,629.82	$236,761.81	$382,391.63	$455,676.35	$139,940.40	$595,616.75

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 10
MWRA
CW-04-10
Final Structuring Analysis

AMENDED SCHEDULE C

Net Borrower Savings due to 2006 Refunding:	1,514,249.32
G.E.	2.00%

Schedule of Payments

Initial Principal Amount:	20,445,621.00

	Schedule of Payments			Subsidy Amounts			Net Payments		
Date	Principal	Interest	Total	Equity Earnings	Commonwealth Subsidies	Total	Principal	Interest	Total
01-Feb-07	0.00	500,320.13	500,320.13	133,544.26	20,606.57	154,150.83	0.00	346,169.30	346,169.30
01-Aug-07	443,432.00	481,202.40	924,634.40	133,544.26	86,495.27	220,039.53	443,432.00	261,162.87	704,594.87
01-Feb-08	0.00	470,116.60	470,116.60	130,647.90	16,945.87	147,593.77	0.00	322,522.82	322,522.82
01-Aug-08	460,129.00	470,116.60	930,245.60	130,647.90	86,495.27	217,143.17	460,129.00	252,973.42	713,102.42
01-Feb-09	0.00	458,613.38	458,613.38	127,642.48	16,945.87	144,588.36	0.00	314,025.02	314,025.02
01-Aug-09	472,633.00	458,613.38	931,246.38	127,642.48	86,495.27	214,137.76	472,633.00	244,475.62	717,108.62
01-Feb-10	0.00	451,523.88	451,523.88	124,555.40	16,945.87	141,501.27	0.00	310,022.61	310,022.61
01-Aug-10	480,709.00	451,523.88	932,232.88	124,555.40	86,495.27	211,050.67	480,709.00	240,473.21	721,182.21
01-Feb-11	0.00	444,313.25	444,313.25	121,415.56	16,945.87	138,361.43	0.00	305,951.81	305,951.81
01-Aug-11	493,905.00	444,313.25	938,218.25	121,415.56	86,495.27	207,910.83	493,905.00	236,402.41	730,307.41
01-Feb-12	0.00	431,965.62	431,965.62	118,189.53	16,945.87	135,135.40	0.00	296,830.21	296,830.21
01-Aug-12	507,840.00	431,965.62	939,805.62	118,189.53	86,495.27	204,684.80	507,840.00	227,280.81	735,120.81
01-Feb-13	0.00	423,840.18	423,840.18	114,872.48	16,945.87	131,818.36	0.00	292,021.82	292,021.82
01-Aug-13	522,964.00	423,840.18	946,804.18	114,872.48	86,495.27	201,367.76	522,964.00	222,472.42	745,436.42
01-Feb-14	0.00	410,112.38	410,112.38	111,456.65	16,945.87	128,402.52	0.00	281,709.86	281,709.86
01-Aug-14	544,009.00	410,112.38	954,121.38	111,456.65	86,495.27	197,951.92	544,009.00	212,160.46	756,169.46
01-Feb-15	0.00	395,832.14	395,832.14	107,903.36	16,945.87	124,849.23	0.00	270,982.91	270,982.91
01-Aug-15	565,000.00	395,832.14	960,832.14	107,903.36	86,495.27	194,398.63	565,000.00	201,433.51	766,433.51
01-Feb-16	0.00	381,000.89	381,000.89	104,212.96	16,945.87	121,158.83	0.00	259,842.06	259,842.06
01-Aug-16	590,000.00	376,339.05	966,339.05	104,212.96	85,551.54	189,764.50	590,000.00	186,574.56	776,574.56
01-Feb-17	0.00	366,487.70	366,487.70	100,359.26	17,143.11	117,502.38	0.00	248,985.32	248,985.32
01-Aug-17	615,000.00	360,493.89	975,493.89	100,359.26	85,479.14	185,838.40	615,000.00	174,655.49	789,655.49
01-Feb-18	0.00	350,165.73	350,165.73	96,342.28	17,107.03	113,449.31	0.00	236,716.41	236,716.41
01-Aug-18	635,000.00	345,087.66	980,087.66	96,342.28	85,628.44	181,970.72	635,000.00	163,116.94	798,116.94
01-Feb-19	0.00	332,617.16	332,617.16	92,194.66	16,768.24	108,962.90	0.00	223,654.26	223,654.26
01-Aug-19	660,000.00	329,871.35	989,871.35	92,194.66	85,761.78	177,956.45	660,000.00	151,914.90	811,914.90
01-Feb-20	0.00	314,026.46	314,026.46	87,883.76	16,345.00	104,228.76	0.00	209,797.71	209,797.71
01-Aug-20	685,000.00	314,321.01	999,321.01	87,883.76	85,954.03	173,837.78	685,000.00	140,483.22	825,483.22
01-Feb-21	0.00	294,199.64	294,199.64	83,409.55	15,798.05	99,207.60	0.00	194,992.03	194,992.03
01-Aug-21	710,000.00	298,025.06	1,008,025.06	83,409.55	86,121.86	169,531.42	710,000.00	128,493.64	838,493.64
01-Feb-22	0.00	272,860.80	272,860.80	78,772.06	15,071.53	93,843.59	0.00	179,017.21	179,017.21
01-Aug-22	740,000.00	275,430.30	1,015,430.30	78,772.06	85,141.10	163,913.16	740,000.00	111,517.14	851,517.14
01-Feb-23	0.00	262,058.33	262,058.33	73,938.62	16,629.81	90,568.43	0.00	171,489.91	171,489.91
01-Aug-23	765,000.00	252,286.82	1,017,286.82	73,938.62	84,201.08	158,139.70	765,000.00	94,147.12	859,147.12
01-Feb-24	0.00	253,174.36	253,174.36	68,941.88	18,702.98	87,644.86	0.00	165,529.49	165,529.49
01-Aug-24	795,000.00	233,075.83	1,028,075.83	68,941.88	84,183.67 *	153,125.55	795,000.00	79,950.27	874,950.27
01-Feb-25	0.00	232,383.18	232,383.18	63,749.20	20,869.20	84,618.40	0.00	147,764.79	147,764.79
01-Aug-25	825,000.00	170,834.32	995,834.32	63,749.20	90,418.60	154,167.80	825,000.00	16,666.52	841,666.52
01-Feb-26	0.00	212,708.44	212,708.44	58,360.56	20,869.20	79,229.76	0.00	133,478.68	133,478.68
01-Aug-26	855,000.00	149,224.57	1,004,224.57	58,360.56	90,418.60	148,779.16	855,000.00	445.40	855,445.40
01-Feb-27	0.00	192,300.34	192,300.34	52,775.98	20,869.20	73,645.18	0.00	118,655.16	118,655.16
01-Aug-27	885,000.00	33,839.27	918,839.27	52,775.98	90,418.60	143,194.58	775,644.69	0.00	775,644.69
01-Feb-28	0.00	172,382.55	172,382.55	46,995.44	20,869.20	67,864.64	0.00	104,517.91	104,517.91
01-Aug-28	920,000.00	103,896.41	1,023,896.41	46,995.44	90,418.60	137,414.04	886,482.37	0.00	886,482.37
01-Feb-29	0.00	150,435.98	150,435.98	40,986.29	20,869.20	61,855.49	0.00	88,580.49	88,580.49
01-Aug-29	955,000.00	79,953.10	1,034,953.10	40,986.29	90,418.60	131,404.89	903,548.21	0.00	903,548.21
01-Feb-30	0.00	127,628.58	127,628.58	34,748.54	20,869.20	55,617.74	0.00	72,010.84	72,010.84
01-Aug-30	990,000.00	55,262.98	1,045,262.98	34,748.54	90,418.60	125,167.14	920,095.84	0.00	920,095.84
01-Feb-31	0.00	103,956.23	103,956.23	28,282.17	20,869.20	49,151.37	0.00	54,804.85	54,804.85
01-Aug-31	1,030,000.00	29,646.50	1,059,646.50	28,282.17	90,418.60	118,700.77	940,945.73	0.00	940,945.73
01-Feb-32	0.00	79,289.95	79,289.95	21,554.54	20,869.20	42,423.74	0.00	36,866.21	36,866.21
01-Aug-32	1,065,000.00	2,498.24	1,067,498.24	21,554.54	90,418.60	111,973.14	955,525.09	0.00	955,525.09
01-Feb-33	0.00	53,771.82	53,771.82	14,598.31	20,869.20	35,467.51	0.00	18,304.31	18,304.31
01-Aug-33	1,105,000.00	0.00	1,105,000.00	14,598.31	116,377.30	130,975.60	974,024.40	0.00	974,024.40
01-Feb-34	0.00	28,250.00	28,250.00	7,380.80	20,869.20	28,250.00	0.00	0.00	0.00
01-Aug-34	1,130,000.00	0.00	1,130,000.00	7,380.80	138,980.00	146,360.80	983,639.20	0.00	983,639.20
	$20,445,621.00	$15,543,941.82	$35,989,562.82	$4,491,428.96	$3,040,563.40	$7,531,992.36	$19,705,526.53	$8,752,043.93	$28,457,570.46

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 10
MWRA
CW-04-13-A
Final Structuring Analysis

AMENDED SCHEDULE C

Net Borrower Savings due to 2006 Refunding:	2,027,234.09
G.E.	2.00%

Schedule of Payments

Initial Principal Amount:	30,446,214.00

	Schedule of Payments			Subsidy Amounts			Net Payments		
Date	Principal	Interest	Total	Equity Earnings	Commonwealth Subsidies	Total	Principal	Interest	Total
01-Feb-07	0.00	742,372.39	742,372.39	198,864.93	39,151.56	238,016.49	0.00	504,355.90	504,355.90
01-Aug-07	636,089.00	715,392.06	1,351,481.06	198,864.93	123,841.07	322,706.00	636,089.00	392,686.06	1,028,775.06
01-Feb-08	0.00	699,489.83	699,489.83	194,710.20	33,914.82	228,625.02	0.00	470,864.81	470,864.81
01-Aug-08	660,038.00	699,489.83	1,359,527.83	194,710.20	123,841.07	318,551.27	660,038.00	380,938.56	1,040,976.56
01-Feb-09	0.00	682,988.88	682,988.88	190,399.04	33,914.82	224,313.87	0.00	458,675.02	458,675.02
01-Aug-09	677,977.00	682,988.88	1,360,965.88	190,399.04	123,841.07	314,240.12	677,977.00	368,748.77	1,046,725.77
01-Feb-10	0.00	672,819.23	672,819.23	185,970.71	33,914.82	219,885.54	0.00	452,933.70	452,933.70
01-Aug-10	689,563.00	672,819.23	1,362,382.23	185,970.71	123,841.07	309,811.79	689,563.00	363,007.45	1,052,570.45
01-Feb-11	0.00	662,475.78	662,475.78	181,466.71	33,914.82	215,381.53	0.00	447,094.25	447,094.25
01-Aug-11	708,496.00	662,475.78	1,370,971.78	181,466.71	123,841.07	305,307.78	708,496.00	357,168.00	1,065,664.00
01-Feb-12	0.00	644,763.38	644,763.38	176,839.04	33,914.82	210,753.86	0.00	434,009.52	434,009.52
01-Aug-12	728,487.00	644,763.38	1,373,250.38	176,839.04	123,841.07	300,680.11	728,487.00	344,083.27	1,072,570.27
01-Feb-13	0.00	633,107.59	633,107.59	172,080.80	33,914.82	205,995.62	0.00	427,111.98	427,111.98
01-Aug-13	750,186.00	633,107.59	1,383,293.59	172,080.80	123,841.07	295,921.87	750,186.00	337,185.73	1,087,371.73
01-Feb-14	0.00	613,415.21	613,415.21	167,180.82	33,914.82	201,095.64	0.00	412,319.57	412,319.57
01-Aug-14	780,378.00	613,415.21	1,393,793.21	167,180.82	123,841.07	291,021.89	780,378.00	322,393.32	1,102,771.32
01-Feb-15	0.00	592,930.28	592,930.28	162,083.64	33,914.82	195,998.46	0.00	396,931.82	396,931.82
01-Aug-15	815,000.00	592,930.28	1,407,930.28	162,083.64	123,841.07	285,924.71	815,000.00	307,005.57	1,122,005.57
01-Feb-16	0.00	571,536.53	571,536.53	156,760.32	33,914.82	190,675.15	0.00	380,861.39	380,861.39
01-Aug-16	850,000.00	564,535.13	1,414,535.13	156,760.32	122,405.68	279,166.00	850,000.00	285,369.13	1,135,369.13
01-Feb-17	0.00	550,620.98	550,620.98	151,208.39	34,201.22	185,409.61	0.00	365,211.37	365,211.37
01-Aug-17	880,000.00	541,854.59	1,421,854.59	151,208.39	122,330.22	273,538.61	880,000.00	268,315.97	1,148,315.97
01-Feb-18	0.00	527,286.95	527,286.95	145,460.52	34,153.24	179,613.75	0.00	347,673.19	347,673.19
01-Aug-18	925,000.00	519,410.74	1,444,410.74	145,460.52	122,464.74	267,925.26	925,000.00	251,485.48	1,176,485.48
01-Feb-19	0.00	501,848.52	501,848.52	139,418.71	33,678.95	173,097.66	0.00	328,750.86	328,750.86
01-Aug-19	955,000.00	497,375.57	1,452,375.57	139,418.71	122,688.17	262,106.89	955,000.00	235,268.68	1,190,268.68
01-Feb-20	0.00	475,078.14	475,078.14	133,180.96	33,085.35	166,266.31	0.00	308,811.83	308,811.83
01-Aug-20	995,000.00	474,772.37	1,469,772.37	133,180.96	122,948.91	256,129.87	995,000.00	218,642.50	1,213,642.50
01-Feb-21	0.00	446,475.83	446,475.83	126,681.94	32,321.19	159,003.13	0.00	287,472.70	287,472.70
01-Aug-21	1,035,000.00	451,005.82	1,486,005.82	126,681.94	123,176.16	249,858.10	1,035,000.00	201,147.72	1,236,147.72
01-Feb-22	0.00	415,670.74	415,670.74	119,921.65	31,310.45	151,232.10	0.00	264,438.65	264,438.65
01-Aug-22	1,075,000.00	418,234.60	1,493,234.60	119,921.65	121,762.33	241,683.98	1,075,000.00	176,550.63	1,251,550.63
01-Feb-23	0.00	399,643.47	399,643.47	112,900.09	33,534.40	146,434.49	0.00	253,208.98	253,208.98
01-Aug-23	1,125,000.00	384,262.71	1,509,262.71	112,900.09	120,307.36	233,207.45	1,125,000.00	151,055.26	1,276,055.26
01-Feb-24	0.00	385,867.74	385,867.74	105,551.95	36,476.23	142,028.18	0.00	243,839.56	243,839.56
01-Aug-24	1,165,000.00	356,124.37	1,521,124.37	105,551.95	120,304.62 *	225,856.57	1,165,000.00	130,267.80	1,295,267.80
01-Feb-25	0.00	355,606.91	355,606.91	97,942.54	39,522.20	137,464.74	0.00	218,142.16	218,142.16
01-Aug-25	1,215,000.00	265,796.08	1,480,796.08	97,942.54	129,448.45	227,390.99	1,215,000.00	38,405.09	1,253,405.09
01-Feb-26	0.00	326,623.92	326,623.92	90,006.55	39,522.20	129,528.75	0.00	197,095.17	197,095.17
01-Aug-26	1,260,000.00	233,912.16	1,493,912.16	90,006.55	129,448.45	219,455.00	1,260,000.00	14,457.16	1,274,457.16
01-Feb-27	0.00	296,543.84	296,543.84	81,776.63	39,522.20	121,298.83	0.00	175,245.00	175,245.00
01-Aug-27	1,310,000.00	272,110.28	1,582,110.28	81,776.63	129,448.45	211,225.08	1,310,000.00	60,885.20	1,370,885.20
01-Feb-28	0.00	268,588.68	268,588.68	73,220.13	39,522.20	112,742.33	0.00	155,846.35	155,846.35
01-Aug-28	1,360,000.00	167,229.37	1,527,229.37	73,220.13	129,448.45	202,668.58	1,324,560.79	0.00	1,324,560.79
01-Feb-29	0.00	236,153.67	236,153.67	64,337.05	39,522.20	103,859.25	0.00	132,294.43	132,294.43
01-Aug-29	1,410,000.00	131,968.54	1,541,968.54	64,337.05	129,448.45	193,785.50	1,348,183.04	0.00	1,348,183.04
01-Feb-30	0.00	202,488.60	202,488.60	55,127.38	39,522.20	94,649.58	0.00	107,839.02	107,839.02
01-Aug-30	1,465,000.00	95,301.86	1,560,301.86	55,127.38	129,448.45	184,575.83	1,375,726.03	0.00	1,375,726.03
01-Feb-31	0.00	167,467.42	167,467.42	45,558.47	39,522.20	85,080.67	0.00	82,386.76	82,386.76
01-Aug-31	1,525,000.00	57,358.32	1,582,358.32	45,558.47	129,448.45	175,006.92	1,407,351.40	0.00	1,407,351.40
01-Feb-32	0.00	130,956.44	130,956.44	35,597.66	39,522.20	75,119.86	0.00	55,836.59	55,836.59
01-Aug-32	1,585,000.00	16,604.31	1,601,604.31	35,597.66	129,448.45	165,046.11	1,436,558.20	0.00	1,436,558.20
01-Feb-33	0.00	92,994.64	92,994.64	25,244.94	39,522.20	64,767.14	0.00	28,227.50	28,227.50
01-Aug-33	1,650,000.00	0.00	1,650,000.00	25,244.94	156,020.82	181,265.77	1,468,734.23	0.00	1,468,734.23
01-Feb-34	0.00	55,375.00	55,375.00	14,467.67	39,522.20	53,989.87	0.00	1,385.13	1,385.13
01-Aug-34	2,215,000.00	0.00	2,215,000.00	14,467.67	224,150.82	238,618.49	1,976,381.51	0.00	1,976,381.51
	$30,446,214.00	$23,716,429.74	$54,162,643.74	$6,807,918.91	$4,637,085.09	$11,445,004.00	$29,573,709.21	$13,143,930.54	$42,717,639.75

Massachusetts Clean Water Trust
Series 21
MWRA Loan Amortization
CW-16-42

Loan Amount Approved	2,194,852.00	Loan Origination Fee ($5.00/1000)	10,974.26
Principal Forgiveness	-	Loan Term (in years)	20
Amount to be Financed	2,194,852.00	Loan Rate	2.00%
		Closing Date	9/12/2018
		First Interest Payment	1/15/2019
		First Principal Payment	7/15/2019

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
9/12/2018							
1/15/2019		14,998.16	14,998.16	1,124.86	10,974.26	27,097.28	27,097.28
7/15/2019	88,784.00	21,948.52	110,732.52	1,646.14		112,378.66	
1/15/2020		21,060.68	21,060.68	1,579.55		22,640.23	135,018.89
7/15/2020	90,714.00	21,060.68	111,774.68	1,579.55		113,354.23	
1/15/2021		20,153.54	20,153.54	1,511.52		21,665.06	135,019.29
7/15/2021	92,685.00	20,153.54	112,838.54	1,511.52		114,350.06	
1/15/2022		19,226.69	19,226.69	1,442.00		20,668.69	135,018.75
7/15/2022	94,700.00	19,226.69	113,926.69	1,442.00		115,368.69	
1/15/2023		18,279.69	18,279.69	1,370.98		19,650.67	135,019.36
7/15/2023	96,758.00	18,279.69	115,037.69	1,370.98		116,408.67	
1/15/2024		17,312.11	17,312.11	1,298.41		18,610.52	135,019.19
7/15/2024	98,861.00	17,312.11	116,173.11	1,298.41		117,471.52	
1/15/2025		16,323.50	16,323.50	1,224.26		17,547.76	135,019.28
7/15/2025	101,009.00	16,323.50	117,332.50	1,224.26		118,556.76	
1/15/2026		15,313.41	15,313.41	1,148.51		16,461.92	135,018.68
7/15/2026	103,204.00	15,313.41	118,517.41	1,148.51		119,665.92	
1/15/2027		14,281.37	14,281.37	1,071.10		15,352.47	135,018.39
7/15/2027	105,448.00	14,281.37	119,729.37	1,071.10		120,800.47	
1/15/2028		13,226.89	13,226.89	992.02		14,218.91	135,019.38
7/15/2028	107,739.00	13,226.89	120,965.89	992.02		121,957.91	
1/15/2029		12,149.50	12,149.50	911.21		13,060.71	135,018.62
7/15/2029	110,081.00	12,149.50	122,230.50	911.21		123,141.71	
1/15/2030		11,048.69	11,048.69	828.65		11,877.34	135,019.05
7/15/2030	112,473.00	11,048.69	123,521.69	828.65		124,350.34	
1/15/2031		9,923.96	9,923.96	744.30		10,668.26	135,018.60
7/15/2031	114,918.00	9,923.96	124,841.96	744.30		125,586.26	
1/15/2032		8,774.78	8,774.78	658.11		9,432.89	135,019.15
7/15/2032	117,415.00	8,774.78	126,189.78	658.11		126,847.89	
1/15/2033		7,600.63	7,600.63	570.05		8,170.68	135,018.57
7/15/2033	119,967.00	7,600.63	127,567.63	570.05		128,137.68	
1/15/2034		6,400.96	6,400.96	480.07		6,881.03	135,018.71
7/15/2034	122,574.00	6,400.96	128,974.96	480.07		129,455.03	
1/15/2035		5,175.22	5,175.22	388.14		5,563.36	135,018.39
7/15/2035	125,238.00	5,175.22	130,413.22	388.14		130,801.36	
1/15/2036		3,922.84	3,922.84	294.21		4,217.05	135,018.41
7/15/2036	127,960.00	3,922.84	131,882.84	294.21		132,177.05	
1/15/2037		2,643.24	2,643.24	198.24		2,841.48	135,018.54
7/15/2037	130,741.00	2,643.24	133,384.24	198.24		133,582.48	
1/15/2038		1,335.83	1,335.83	100.19		1,436.02	135,018.50
7/15/2038	133,583.00	1,335.83	134,918.83	100.19		135,019.02	
1/15/2039							135,019.02
	2,194,852.00	485,253.74	2,680,105.74	36,394.03	10,974.26	2,727,474.03	2,727,474.03

Massachusetts Clean Water Trust
Series 21
MWRA Loan Amortization
CW-16-43

Loan Amount Approved	3,394,837.00	Loan Origination Fee ($5.00/1000)	16,974.19
Principal Forgiveness	-	Loan Term (in years)	20
Amount to be Financed	3,394,837.00	Loan Rate	2.00%
		Closing Date	9/12/2018
		First Interest Payment	1/15/2019
		First Principal Payment	7/15/2019

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
9/12/2018							
1/15/2019		23,198.05	23,198.05	1,739.85	16,974.19	41,912.09	41,912.09
7/15/2019	137,325.00	33,948.37	171,273.37	2,546.13		173,819.50	
1/15/2020		32,575.12	32,575.12	2,443.13		35,018.25	208,837.75
7/15/2020	140,309.00	32,575.12	172,884.12	2,443.13		175,327.25	
1/15/2021		31,172.03	31,172.03	2,337.90		33,509.93	208,837.19
7/15/2021	143,359.00	31,172.03	174,531.03	2,337.90		176,868.93	
1/15/2022		29,738.44	29,738.44	2,230.38		31,968.82	208,837.76
7/15/2022	146,474.00	29,738.44	176,212.44	2,230.38		178,442.82	
1/15/2023		28,273.70	28,273.70	2,120.53		30,394.23	208,837.05
7/15/2023	149,658.00	28,273.70	177,931.70	2,120.53		180,052.23	
1/15/2024		26,777.12	26,777.12	2,008.28		28,785.40	208,837.63
7/15/2024	152,910.00	26,777.12	179,687.12	2,008.28		181,695.40	
1/15/2025		25,248.02	25,248.02	1,893.60		27,141.62	208,837.03
7/15/2025	156,234.00	25,248.02	181,482.02	1,893.60		183,375.62	
1/15/2026		23,685.68	23,685.68	1,776.43		25,462.11	208,837.73
7/15/2026	159,629.00	23,685.68	183,314.68	1,776.43		185,091.11	
1/15/2027		22,089.39	22,089.39	1,656.70		23,746.09	208,837.20
7/15/2027	163,099.00	22,089.39	185,188.39	1,656.70		186,845.09	
1/15/2028		20,458.40	20,458.40	1,534.38		21,992.78	208,837.87
7/15/2028	166,643.00	20,458.40	187,101.40	1,534.38		188,635.78	
1/15/2029		18,791.97	18,791.97	1,409.40		20,201.37	208,837.15
7/15/2029	170,265.00	18,791.97	189,056.97	1,409.40		190,466.37	
1/15/2030		17,089.32	17,089.32	1,281.70		18,371.02	208,837.39
7/15/2030	173,965.00	17,089.32	191,054.32	1,281.70		192,336.02	
1/15/2031		15,349.67	15,349.67	1,151.23		16,500.90	208,836.91
7/15/2031	177,746.00	15,349.67	193,095.67	1,151.23		194,246.90	
1/15/2032		13,572.21	13,572.21	1,017.92		14,590.13	208,837.02
7/15/2032	181,609.00	13,572.21	195,181.21	1,017.92		196,199.13	
1/15/2033		11,756.12	11,756.12	881.71		12,637.83	208,836.95
7/15/2033	185,556.00	11,756.12	197,312.12	881.71		198,193.83	
1/15/2034		9,900.56	9,900.56	742.54		10,643.10	208,836.93
7/15/2034	189,589.00	9,900.56	199,489.56	742.54		200,232.10	
1/15/2035		8,004.67	8,004.67	600.35		8,605.02	208,837.12
7/15/2035	193,710.00	8,004.67	201,714.67	600.35		202,315.02	
1/15/2036		6,067.57	6,067.57	455.07		6,522.64	208,837.66
7/15/2036	197,920.00	6,067.57	203,987.57	455.07		204,442.64	
1/15/2037		4,088.37	4,088.37	306.63		4,395.00	208,837.64
7/15/2037	202,221.00	4,088.37	206,309.37	306.63		206,616.00	
1/15/2038		2,066.16	2,066.16	154.96		2,221.12	208,837.12
7/15/2038	206,616.00	2,066.16	208,682.16	154.96		208,837.12	
1/15/2039							208,837.12
	3,394,837.00	750,555.46	4,145,392.46	56,291.66	16,974.19	4,218,658.31	4,218,658.31

Massachusetts Clean Water Trust
Series 21
MWRA Loan Amortization
CW-17-34

Loan Amount Approved	3,249,355.00	Loan Origination Fee ($5.00/1000)	16,246.78
Principal Forgiveness	-	Loan Term (in years)	20
Amount to be Financed	3,249,355.00	Loan Rate	2.00%
		Closing Date	9/12/2018
		First Interest Payment	1/15/2019
		First Principal Payment	7/15/2019

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
9/12/2018							
1/15/2019		22,203.93	22,203.93	1,665.29	16,246.78	40,116.00	40,116.00
7/15/2019	131,440.00	32,493.55	163,933.55	2,437.02		166,370.57	
1/15/2020		31,179.15	31,179.15	2,338.44		33,517.59	199,888.15
7/15/2020	134,296.00	31,179.15	165,475.15	2,338.44		167,813.59	
1/15/2021		29,836.19	29,836.19	2,237.71		32,073.90	199,887.49
7/15/2021	137,215.00	29,836.19	167,051.19	2,237.71		169,288.90	
1/15/2022		28,464.04	28,464.04	2,134.80		30,598.84	199,887.75
7/15/2022	140,197.00	28,464.04	168,661.04	2,134.80		170,795.84	
1/15/2023		27,062.07	27,062.07	2,029.66		29,091.73	199,887.57
7/15/2023	143,244.00	27,062.07	170,306.07	2,029.66		172,335.73	
1/15/2024		25,629.63	25,629.63	1,922.22		27,551.85	199,887.58
7/15/2024	146,358.00	25,629.63	171,987.63	1,922.22		173,909.85	
1/15/2025		24,166.05	24,166.05	1,812.45		25,978.50	199,888.36
7/15/2025	149,538.00	24,166.05	173,704.05	1,812.45		175,516.50	
1/15/2026		22,670.67	22,670.67	1,700.30		24,370.97	199,887.47
7/15/2026	152,788.00	22,670.67	175,458.67	1,700.30		177,158.97	
1/15/2027		21,142.79	21,142.79	1,585.71		22,728.50	199,887.47
7/15/2027	156,109.00	21,142.79	177,251.79	1,585.71		178,837.50	
1/15/2028		19,581.70	19,581.70	1,468.63		21,050.33	199,887.83
7/15/2028	159,502.00	19,581.70	179,083.70	1,468.63		180,552.33	
1/15/2029		17,986.68	17,986.68	1,349.00		19,335.68	199,888.01
7/15/2029	162,968.00	17,986.68	180,954.68	1,349.00		182,303.68	
1/15/2030		16,357.00	16,357.00	1,226.78		17,583.78	199,887.46
7/15/2030	166,510.00	16,357.00	182,867.00	1,226.78		184,093.78	
1/15/2031		14,691.90	14,691.90	1,101.89		15,793.79	199,887.57
7/15/2031	170,129.00	14,691.90	184,820.90	1,101.89		185,922.79	
1/15/2032		12,990.61	12,990.61	974.30		13,964.91	199,887.70
7/15/2032	173,827.00	12,990.61	186,817.61	974.30		187,791.91	
1/15/2033		11,252.34	11,252.34	843.93		12,096.27	199,888.17
7/15/2033	177,605.00	11,252.34	188,857.34	843.93		189,701.27	
1/15/2034		9,476.29	9,476.29	710.72		10,187.01	199,888.28
7/15/2034	181,465.00	9,476.29	190,941.29	710.72		191,652.01	
1/15/2035		7,661.64	7,661.64	574.62		8,236.26	199,888.27
7/15/2035	185,409.00	7,661.64	193,070.64	574.62		193,645.26	
1/15/2036		5,807.55	5,807.55	435.57		6,243.12	199,888.38
7/15/2036	189,438.00	5,807.55	195,245.55	435.57		195,681.12	
1/15/2037		3,913.17	3,913.17	293.49		4,206.66	199,887.77
7/15/2037	193,555.00	3,913.17	197,468.17	293.49		197,761.66	
1/15/2038		1,977.62	1,977.62	148.32		2,125.94	199,887.60
7/15/2038	197,762.00	1,977.62	199,739.62	148.32		199,887.94	
1/15/2039							199,887.94
	3,249,355.00	718,391.66	3,967,746.66	53,879.37	16,246.78	4,037,872.81	4,037,872.81

Massachusetts Clean Water Trust
Series 21
MWRA Loan Amortization
CW-17-35

Loan Amount Approved	4,786,700.00	Loan Origination Fee ($5.00/1000)	23,933.50
Principal Forgiveness	-	Loan Term (in years)	20
Amount to be Financed	4,786,700.00	Loan Rate	2.00%
		Closing Date	9/12/2018
		First Interest Payment	1/15/2019
		First Principal Payment	7/15/2019

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
9/12/2018							
1/15/2019		32,709.12	32,709.12	2,453.18	23,933.50	59,095.80	59,095.80
7/15/2019	193,627.00	47,867.00	241,494.00	3,590.03		245,084.03	
1/15/2020		45,930.73	45,930.73	3,444.80		49,375.53	294,459.56
7/15/2020	197,835.00	45,930.73	243,765.73	3,444.80		247,210.53	
1/15/2021		43,952.38	43,952.38	3,296.43		47,248.81	294,459.34
7/15/2021	202,135.00	43,952.38	246,087.38	3,296.43		249,383.81	
1/15/2022		41,931.03	41,931.03	3,144.83		45,075.86	294,459.67
7/15/2022	206,528.00	41,931.03	248,459.03	3,144.83		251,603.86	
1/15/2023		39,865.75	39,865.75	2,989.93		42,855.68	294,459.54
7/15/2023	211,016.00	39,865.75	250,881.75	2,989.93		253,871.68	
1/15/2024		37,755.59	37,755.59	2,831.67		40,587.26	294,458.94
7/15/2024	215,603.00	37,755.59	253,358.59	2,831.67		256,190.26	
1/15/2025		35,599.56	35,599.56	2,669.97		38,269.53	294,459.79
7/15/2025	220,288.00	35,599.56	255,887.56	2,669.97		258,557.53	
1/15/2026		33,396.68	33,396.68	2,504.75		35,901.43	294,458.96
7/15/2026	225,076.00	33,396.68	258,472.68	2,504.75		260,977.43	
1/15/2027		31,145.92	31,145.92	2,335.94		33,481.86	294,459.30
7/15/2027	229,968.00	31,145.92	261,113.92	2,335.94		263,449.86	
1/15/2028		28,846.24	28,846.24	2,163.47		31,009.71	294,459.57
7/15/2028	234,966.00	28,846.24	263,812.24	2,163.47		265,975.71	
1/15/2029		26,496.58	26,496.58	1,987.24		28,483.82	294,459.53
7/15/2029	240,072.00	26,496.58	266,568.58	1,987.24		268,555.82	
1/15/2030		24,095.86	24,095.86	1,807.19		25,903.05	294,458.87
7/15/2030	245,290.00	24,095.86	269,385.86	1,807.19		271,193.05	
1/15/2031		21,642.96	21,642.96	1,623.22		23,266.18	294,459.23
7/15/2031	250,621.00	21,642.96	272,263.96	1,623.22		273,887.18	
1/15/2032		19,136.75	19,136.75	1,435.26		20,572.01	294,459.19
7/15/2032	256,068.00	19,136.75	275,204.75	1,435.26		276,640.01	
1/15/2033		16,576.07	16,576.07	1,243.21		17,819.28	294,459.28
7/15/2033	261,633.00	16,576.07	278,209.07	1,243.21		279,452.28	
1/15/2034		13,959.74	13,959.74	1,046.98		15,006.72	294,459.00
7/15/2034	267,320.00	13,959.74	281,279.74	1,046.98		282,326.72	
1/15/2035		11,286.54	11,286.54	846.49		12,133.03	294,459.75
7/15/2035	273,129.00	11,286.54	284,415.54	846.49		285,262.03	
1/15/2036		8,555.25	8,555.25	641.64		9,196.89	294,458.92
7/15/2036	279,066.00	8,555.25	287,621.25	641.64		288,262.89	
1/15/2037		5,764.59	5,764.59	432.34		6,196.93	294,459.83
7/15/2037	285,131.00	5,764.59	290,895.59	432.34		291,327.93	
1/15/2038		2,913.28	2,913.28	218.50		3,131.78	294,459.71
7/15/2038	291,328.00	2,913.28	294,241.28	218.50		294,459.78	
1/15/2039							294,459.78
	4,786,700.00	1,058,279.12	5,844,979.12	79,370.93	23,933.50	5,948,283.55	5,948,283.55

Massachusetts Clean Water Trust
Series 21
MWRA Loan Amortization
CW-17-36

Loan Amount Approved	3,759,927.00	Loan Origination Fee ($5.00/1000)	18,799.64
Principal Forgiveness	-	Loan Term (in years)	20
Amount to be Financed	3,759,927.00	Loan Rate	2.00%
		Closing Date	9/12/2018
		First Interest Payment	1/15/2019
		First Principal Payment	7/15/2019

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
9/12/2018							
1/15/2019		25,692.83	25,692.83	1,926.96	18,799.64	46,419.43	46,419.43
7/15/2019	152,093.00	37,599.27	189,692.27	2,819.95		192,512.22	
1/15/2020		36,078.34	36,078.34	2,705.88		38,784.22	231,296.43
7/15/2020	155,398.00	36,078.34	191,476.34	2,705.88		194,182.22	
1/15/2021		34,524.36	34,524.36	2,589.33		37,113.69	231,295.90
7/15/2021	158,776.00	34,524.36	193,300.36	2,589.33		195,889.69	
1/15/2022		32,936.60	32,936.60	2,470.25		35,406.85	231,296.53
7/15/2022	162,227.00	32,936.60	195,163.60	2,470.25		197,633.85	
1/15/2023		31,314.33	31,314.33	2,348.57		33,662.90	231,296.75
7/15/2023	165,752.00	31,314.33	197,066.33	2,348.57		199,414.90	
1/15/2024		29,656.81	29,656.81	2,224.26		31,881.07	231,295.98
7/15/2024	169,355.00	29,656.81	199,011.81	2,224.26		201,236.07	
1/15/2025		27,963.26	27,963.26	2,097.24		30,060.50	231,296.58
7/15/2025	173,035.00	27,963.26	200,998.26	2,097.24		203,095.50	
1/15/2026		26,232.91	26,232.91	1,967.47		28,200.38	231,295.88
7/15/2026	176,796.00	26,232.91	203,028.91	1,967.47		204,996.38	
1/15/2027		24,464.95	24,464.95	1,834.87		26,299.82	231,296.20
7/15/2027	180,638.00	24,464.95	205,102.95	1,834.87		206,937.82	
1/15/2028		22,658.57	22,658.57	1,699.39		24,357.96	231,295.78
7/15/2028	184,564.00	22,658.57	207,222.57	1,699.39		208,921.96	
1/15/2029		20,812.93	20,812.93	1,560.97		22,373.90	231,295.86
7/15/2029	188,576.00	20,812.93	209,388.93	1,560.97		210,949.90	
1/15/2030		18,927.17	18,927.17	1,419.54		20,346.71	231,296.61
7/15/2030	192,674.00	18,927.17	211,601.17	1,419.54		213,020.71	
1/15/2031		17,000.43	17,000.43	1,275.03		18,275.46	231,296.17
7/15/2031	196,862.00	17,000.43	213,862.43	1,275.03		215,137.46	
1/15/2032		15,031.81	15,031.81	1,127.39		16,159.20	231,296.66
7/15/2032	201,140.00	15,031.81	216,171.81	1,127.39		217,299.20	
1/15/2033		13,020.41	13,020.41	976.53		13,996.94	231,296.14
7/15/2033	205,512.00	13,020.41	218,532.41	976.53		219,508.94	
1/15/2034		10,965.29	10,965.29	822.40		11,787.69	231,296.63
7/15/2034	209,978.00	10,965.29	220,943.29	822.40		221,765.69	
1/15/2035		8,865.51	8,865.51	664.91		9,530.42	231,296.11
7/15/2035	214,542.00	8,865.51	223,407.51	664.91		224,072.42	
1/15/2036		6,720.09	6,720.09	504.01		7,224.10	231,296.52
7/15/2036	219,204.00	6,720.09	225,924.09	504.01		226,428.10	
1/15/2037		4,528.05	4,528.05	339.60		4,867.65	231,295.75
7/15/2037	223,969.00	4,528.05	228,497.05	339.60		228,836.65	
1/15/2038		2,288.36	2,288.36	171.63		2,459.99	231,296.64
7/15/2038	228,836.00	2,288.36	231,124.36	171.63		231,295.99	
1/15/2039							231,295.99
	3,759,927.00	831,272.46	4,591,199.46	62,345.43	18,799.64	4,672,344.53	4,672,344.53

Massachusetts Clean Water Trust
Series 21
MWRA Loan Amortization
DW-16-06

Loan Amount Approved	4,045,484.00	Loan Origination Fee ($5.00/1000)	20,227.42
Principal Forgiveness	-	Loan Term (in years)	20
Amount to be Financed	4,045,484.00	Loan Rate	2.00%
		Closing Date	9/12/2018
		First Interest Payment	1/15/2019
		First Principal Payment	7/15/2019

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
9/12/2018							
1/15/2019		27,644.14	27,644.14	2,073.31	20,227.42	49,944.87	49,944.87
7/15/2019	163,644.00	40,454.84	204,098.84	3,034.11		207,132.95	
1/15/2020		38,818.40	38,818.40	2,911.38		41,729.78	248,862.73
7/15/2020	167,200.00	38,818.40	206,018.40	2,911.38		208,929.78	
1/15/2021		37,146.40	37,146.40	2,785.98		39,932.38	248,862.16
7/15/2021	170,834.00	37,146.40	207,980.40	2,785.98		210,766.38	
1/15/2022		35,438.06	35,438.06	2,657.85		38,095.91	248,862.29
7/15/2022	174,547.00	35,438.06	209,985.06	2,657.85		212,642.91	
1/15/2023		33,692.59	33,692.59	2,526.94		36,219.53	248,862.45
7/15/2023	178,341.00	33,692.59	212,033.59	2,526.94		214,560.53	
1/15/2024		31,909.18	31,909.18	2,393.19		34,302.37	248,862.90
7/15/2024	182,217.00	31,909.18	214,126.18	2,393.19		216,519.37	
1/15/2025		30,087.01	30,087.01	2,256.53		32,343.54	248,862.90
7/15/2025	186,177.00	30,087.01	216,264.01	2,256.53		218,520.54	
1/15/2026		28,225.24	28,225.24	2,116.89		30,342.13	248,862.67
7/15/2026	190,223.00	28,225.24	218,448.24	2,116.89		220,565.13	
1/15/2027		26,323.01	26,323.01	1,974.23		28,297.24	248,862.37
7/15/2027	194,358.00	26,323.01	220,681.01	1,974.23		222,655.24	
1/15/2028		24,379.43	24,379.43	1,828.46		26,207.89	248,863.12
7/15/2028	198,582.00	24,379.43	222,961.43	1,828.46		224,789.89	
1/15/2029		22,393.61	22,393.61	1,679.52		24,073.13	248,863.02
7/15/2029	202,897.00	22,393.61	225,290.61	1,679.52		226,970.13	
1/15/2030		20,364.64	20,364.64	1,527.35		21,891.99	248,862.12
7/15/2030	207,307.00	20,364.64	227,671.64	1,527.35		229,198.99	
1/15/2031		18,291.57	18,291.57	1,371.87		19,663.44	248,862.43
7/15/2031	211,813.00	18,291.57	230,104.57	1,371.87		231,476.44	
1/15/2032		16,173.44	16,173.44	1,213.01		17,386.45	248,862.89
7/15/2032	216,416.00	16,173.44	232,589.44	1,213.01		233,802.45	
1/15/2033		14,009.28	14,009.28	1,050.70		15,059.98	248,862.42
7/15/2033	221,120.00	14,009.28	235,129.28	1,050.70		236,179.98	
1/15/2034		11,798.08	11,798.08	884.86		12,682.94	248,862.91
7/15/2034	225,925.00	11,798.08	237,723.08	884.86		238,607.94	
1/15/2035		9,538.83	9,538.83	715.41		10,254.24	248,862.18
7/15/2035	230,836.00	9,538.83	240,374.83	715.41		241,090.24	
1/15/2036		7,230.47	7,230.47	542.29		7,772.76	248,863.00
7/15/2036	235,853.00	7,230.47	243,083.47	542.29		243,625.76	
1/15/2037		4,871.94	4,871.94	365.40		5,237.34	248,863.09
7/15/2037	240,978.00	4,871.94	245,849.94	365.40		246,215.34	
1/15/2038		2,462.16	2,462.16	184.66		2,646.82	248,862.16
7/15/2038	246,216.00	2,462.16	248,678.16	184.66		248,862.82	
1/15/2039							248,862.82
	4,045,484.00	894,405.66	4,939,889.66	67,080.42	20,227.42	5,027,197.51	5,027,197.51

Massachusetts Clean Water Trust
Series 21
MWRA Loan Amortization
DW-16-23

Loan Amount Approved	319,493.00	Loan Origination Fee ($5.00/1000)	1,597.47
Principal Forgiveness	-	Loan Term (in years)	20
Amount to be Financed	319,493.00	Loan Rate	2.00%
		Closing Date	9/12/2018
		First Interest Payment	1/15/2019
		First Principal Payment	7/15/2019

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
9/12/2018							
1/15/2019		2,183.20	2,183.20	163.74	1,597.47	3,944.41	3,944.41
7/15/2019	12,924.00	3,194.93	16,118.93	239.62		16,358.55	
1/15/2020		3,065.69	3,065.69	229.93		3,295.62	19,654.17
7/15/2020	13,205.00	3,065.69	16,270.69	229.93		16,500.62	
1/15/2021		2,933.64	2,933.64	220.02		3,153.66	19,654.28
7/15/2021	13,492.00	2,933.64	16,425.64	220.02		16,645.66	
1/15/2022		2,798.72	2,798.72	209.90		3,008.62	19,654.29
7/15/2022	13,785.00	2,798.72	16,583.72	209.90		16,793.62	
1/15/2023		2,660.87	2,660.87	199.57		2,860.44	19,654.06
7/15/2023	14,084.00	2,660.87	16,744.87	199.57		16,944.44	
1/15/2024		2,520.03	2,520.03	189.00		2,709.03	19,653.47
7/15/2024	14,391.00	2,520.03	16,911.03	189.00		17,100.03	
1/15/2025		2,376.12	2,376.12	178.21		2,554.33	19,654.36
7/15/2025	14,703.00	2,376.12	17,079.12	178.21		17,257.33	
1/15/2026		2,229.09	2,229.09	167.18		2,396.27	19,653.60
7/15/2026	15,023.00	2,229.09	17,252.09	167.18		17,419.27	
1/15/2027		2,078.86	2,078.86	155.91		2,234.77	19,654.05
7/15/2027	15,349.00	2,078.86	17,427.86	155.91		17,583.77	
1/15/2028		1,925.37	1,925.37	144.40		2,069.77	19,653.55
7/15/2028	15,683.00	1,925.37	17,608.37	144.40		17,752.77	
1/15/2029		1,768.54	1,768.54	132.64		1,901.18	19,653.95
7/15/2029	16,024.00	1,768.54	17,792.54	132.64		17,925.18	
1/15/2030		1,608.30	1,608.30	120.62		1,728.92	19,654.10
7/15/2030	16,372.00	1,608.30	17,980.30	120.62		18,100.92	
1/15/2031		1,444.58	1,444.58	108.34		1,552.92	19,653.85
7/15/2031	16,728.00	1,444.58	18,172.58	108.34		18,280.92	
1/15/2032		1,277.30	1,277.30	95.80		1,373.10	19,654.02
7/15/2032	17,092.00	1,277.30	18,369.30	95.80		18,465.10	
1/15/2033		1,106.38	1,106.38	82.98		1,189.36	19,654.46
7/15/2033	17,463.00	1,106.38	18,569.38	82.98		18,652.36	
1/15/2034		931.75	931.75	69.88		1,001.63	19,653.99
7/15/2034	17,843.00	931.75	18,774.75	69.88		18,844.63	
1/15/2035		753.32	753.32	56.50		809.82	19,654.45
7/15/2035	18,230.00	753.32	18,983.32	56.50		19,039.82	
1/15/2036		571.02	571.02	42.83		613.85	19,653.67
7/15/2036	18,626.00	571.02	19,197.02	42.83		19,239.85	
1/15/2037		384.76	384.76	28.86		413.62	19,653.46
7/15/2037	19,031.00	384.76	19,415.76	28.86		19,444.62	
1/15/2038		194.45	194.45	14.58		209.03	19,653.65
7/15/2038	19,445.00	194.45	19,639.45	14.58		19,654.03	
1/15/2039							19,654.03
	319,493.00	70,635.71	390,128.71	5,297.68	1,597.47	397,023.86	397,023.86

Massachusetts Clean Water Trust
Series 21
MWRA Loan Amortization
DW-17-15

Loan Amount Approved	28,249,352.00	Loan Origination Fee ($5.00/1000)	141,246.76
Principal Forgiveness	-	Loan Term (in years)	20
Amount to be Financed	28,249,352.00	Loan Rate	2.00%
		Closing Date	9/12/2018
		First Interest Payment	1/15/2019
		First Principal Payment	7/15/2019

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
9/12/2018							
1/15/2019		193,037.24	193,037.24	14,477.79	141,246.76	348,761.79	348,761.79
7/15/2019	1,142,715.00	282,493.52	1,425,208.52	21,187.01		1,446,395.53	
1/15/2020		271,066.37	271,066.37	20,329.98		291,396.35	1,737,791.88
7/15/2020	1,167,550.00	271,066.37	1,438,616.37	20,329.98		1,458,946.35	
1/15/2021		259,390.87	259,390.87	19,454.32		278,845.19	1,737,791.53
7/15/2021	1,192,925.00	259,390.87	1,452,315.87	19,454.32		1,471,770.19	
1/15/2022		247,461.62	247,461.62	18,559.62		266,021.24	1,737,791.43
7/15/2022	1,218,852.00	247,461.62	1,466,313.62	18,559.62		1,484,873.24	
1/15/2023		235,273.10	235,273.10	17,645.48		252,918.58	1,737,791.82
7/15/2023	1,245,342.00	235,273.10	1,480,615.10	17,645.48		1,498,260.58	
1/15/2024		222,819.68	222,819.68	16,711.48		239,531.16	1,737,791.74
7/15/2024	1,272,407.00	222,819.68	1,495,226.68	16,711.48		1,511,938.16	
1/15/2025		210,095.61	210,095.61	15,757.17		225,852.78	1,737,790.94
7/15/2025	1,300,062.00	210,095.61	1,510,157.61	15,757.17		1,525,914.78	
1/15/2026		197,094.99	197,094.99	14,782.12		211,877.11	1,737,791.90
7/15/2026	1,328,317.00	197,094.99	1,525,411.99	14,782.12		1,540,194.11	
1/15/2027		183,811.82	183,811.82	13,785.89		197,597.71	1,737,791.82
7/15/2027	1,357,186.00	183,811.82	1,540,997.82	13,785.89		1,554,783.71	
1/15/2028		170,239.96	170,239.96	12,768.00		183,007.96	1,737,791.66
7/15/2028	1,386,682.00	170,239.96	1,556,921.96	12,768.00		1,569,689.96	
1/15/2029		156,373.14	156,373.14	11,727.99		168,101.13	1,737,791.08
7/15/2029	1,416,820.00	156,373.14	1,573,193.14	11,727.99		1,584,921.13	
1/15/2030		142,204.94	142,204.94	10,665.37		152,870.31	1,737,791.44
7/15/2030	1,447,613.00	142,204.94	1,589,817.94	10,665.37		1,600,483.31	
1/15/2031		127,728.81	127,728.81	9,579.66		137,308.47	1,737,791.78
7/15/2031	1,479,075.00	127,728.81	1,606,803.81	9,579.66		1,616,383.47	
1/15/2032		112,938.06	112,938.06	8,470.35		121,408.41	1,737,791.89
7/15/2032	1,511,220.00	112,938.06	1,624,158.06	8,470.35		1,632,628.41	
1/15/2033		97,825.86	97,825.86	7,336.94		105,162.80	1,737,791.21
7/15/2033	1,544,064.00	97,825.86	1,641,889.86	7,336.94		1,649,226.80	
1/15/2034		82,385.22	82,385.22	6,178.89		88,564.11	1,737,790.91
7/15/2034	1,577,623.00	82,385.22	1,660,008.22	6,178.89		1,666,187.11	
1/15/2035		66,608.99	66,608.99	4,995.67		71,604.66	1,737,791.78
7/15/2035	1,611,910.00	66,608.99	1,678,518.99	4,995.67		1,683,514.66	
1/15/2036		50,489.89	50,489.89	3,786.74		54,276.63	1,737,791.30
7/15/2036	1,646,943.00	50,489.89	1,697,432.89	3,786.74		1,701,219.63	
1/15/2037		34,020.46	34,020.46	2,551.53		36,571.99	1,737,791.63
7/15/2037	1,682,737.00	34,020.46	1,716,757.46	2,551.53		1,719,308.99	
1/15/2038		17,193.09	17,193.09	1,289.48		18,482.57	1,737,791.57
7/15/2038	1,719,309.00	17,193.09	1,736,502.09	1,289.48		1,737,791.57	
1/15/2039							1,737,791.57
	28,249,352.00	6,245,575.72	34,494,927.72	468,418.18	141,246.76	35,104,592.66	35,104,592.66

Massachusetts Clean Water Trust
Series 22
Massachusetts Water Resources Authority Loan Amortization
CW-18-39

Loan Amount Approved	1,070,733.00		Loan Origination Fee ($5.00/1000)	0.00
Principal Forgiveness	-		Loan Term (in years)	20
Amount to be Financed	1,070,733.00	-	Loan Rate	2.00%
			Closing Date	10/24/2019
			First Interest Payment	1/15/2020
			First Principal Payment	7/15/2020

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
10/24/2019							
1/15/2020		4,818.30	4,818.30	361.37		5,179.67	5,179.67
7/15/2020	43,312.00	10,707.33	54,019.33	803.05		54,822.38	
1/15/2021		10,274.21	10,274.21	770.57		11,044.78	65,867.16
7/15/2021	44,254.00	10,274.21	54,528.21	770.57		55,298.78	
1/15/2022		9,831.67	9,831.67	737.38		10,569.05	65,867.82
7/15/2022	45,215.00	9,831.67	55,046.67	737.38		55,784.05	
1/15/2023		9,379.52	9,379.52	703.46		10,082.98	65,867.03
7/15/2023	46,198.00	9,379.52	55,577.52	703.46		56,280.98	
1/15/2024		8,917.54	8,917.54	668.82		9,586.36	65,867.34
7/15/2024	47,202.00	8,917.54	56,119.54	668.82		56,788.36	
1/15/2025		8,445.52	8,445.52	633.41		9,078.93	65,867.29
7/15/2025	48,228.00	8,445.52	56,673.52	633.41		57,306.93	
1/15/2026		7,963.24	7,963.24	597.24		8,560.48	65,867.42
7/15/2026	49,276.00	7,963.24	57,239.24	597.24		57,836.48	
1/15/2027		7,470.48	7,470.48	560.29		8,030.77	65,867.25
7/15/2027	50,347.00	7,470.48	57,817.48	560.29		58,377.77	
1/15/2028		6,967.01	6,967.01	522.53		7,489.54	65,867.30
7/15/2028	51,441.00	6,967.01	58,408.01	522.53		58,930.54	
1/15/2029		6,452.60	6,452.60	483.95		6,936.55	65,867.08
7/15/2029	52,559.00	6,452.60	59,011.60	483.95		59,495.55	
1/15/2030		5,927.01	5,927.01	444.53		6,371.54	65,867.08
7/15/2030	53,702.00	5,927.01	59,629.01	444.53		60,073.54	
1/15/2031		5,389.99	5,389.99	404.25		5,794.24	65,867.78
7/15/2031	54,869.00	5,389.99	60,258.99	404.25		60,663.24	
1/15/2032		4,841.30	4,841.30	363.10		5,204.40	65,867.64
7/15/2032	56,061.00	4,841.30	60,902.30	363.10		61,265.40	
1/15/2033		4,280.69	4,280.69	321.05		4,601.74	65,867.14
7/15/2033	57,280.00	4,280.69	61,560.69	321.05		61,881.74	
1/15/2034		3,707.89	3,707.89	278.09		3,985.98	65,867.72
7/15/2034	58,525.00	3,707.89	62,232.89	278.09		62,510.98	
1/15/2035		3,122.64	3,122.64	234.20		3,356.84	65,867.82
7/15/2035	59,796.00	3,122.64	62,918.64	234.20		63,152.84	
1/15/2036		2,524.68	2,524.68	189.35		2,714.03	65,866.87
7/15/2036	61,096.00	2,524.68	63,620.68	189.35		63,810.03	
1/15/2037		1,913.72	1,913.72	143.53		2,057.25	65,867.28
7/15/2037	62,424.00	1,913.72	64,337.72	143.53		64,481.25	
1/15/2038		1,289.48	1,289.48	96.71		1,386.19	65,867.44
7/15/2038	63,781.00	1,289.48	65,070.48	96.71		65,167.19	
1/15/2039		651.67	651.67	48.88		700.55	65,867.74
7/15/2039	65,167.00	651.67	65,818.67	48.88		65,867.55	
1/15/2040							65,867.55
	1,070,733.00	234,227.35	1,304,960.35	17,567.05		1,322,527.40	1,322,527.40

Massachusetts Clean Water Trust
Series 22
Massachusetts Water Resources Authority Loan Amortization
CW-18-40

Loan Amount Approved	28,727,859.00		Loan Origination Fee ($5.00/1000)	0.00
Principal Forgiveness	-		Loan Term (in years)	20
Amount to be Financed	28,727,859.00	-	Loan Rate	2.00%
			Closing Date	10/24/2019
			First Interest Payment	1/15/2020
			First Principal Payment	7/15/2020

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
10/24/2019							
1/15/2020		129,275.37	129,275.37	9,695.65		138,971.02	138,971.02
7/15/2020	1,162,071.00	287,278.59	1,449,349.59	21,545.89		1,470,895.48	
1/15/2021		275,657.88	275,657.88	20,674.34		296,332.22	1,767,227.71
7/15/2021	1,187,327.00	275,657.88	1,462,984.88	20,674.34		1,483,659.22	
1/15/2022		263,784.61	263,784.61	19,783.85		283,568.46	1,767,227.68
7/15/2022	1,213,132.00	263,784.61	1,476,916.61	19,783.85		1,496,700.46	
1/15/2023		251,653.29	251,653.29	18,874.00		270,527.29	1,767,227.74
7/15/2023	1,239,497.00	251,653.29	1,491,150.29	18,874.00		1,510,024.29	
1/15/2024		239,258.32	239,258.32	17,944.37		257,202.69	1,767,226.98
7/15/2024	1,266,436.00	239,258.32	1,505,694.32	17,944.37		1,523,638.69	
1/15/2025		226,593.96	226,593.96	16,994.55		243,588.51	1,767,227.20
7/15/2025	1,293,961.00	226,593.96	1,520,554.96	16,994.55		1,537,549.51	
1/15/2026		213,654.35	213,654.35	16,024.08		229,678.43	1,767,227.93
7/15/2026	1,322,083.00	213,654.35	1,535,737.35	16,024.08		1,551,761.43	
1/15/2027		200,433.52	200,433.52	15,032.51		215,466.03	1,767,227.46
7/15/2027	1,350,817.00	200,433.52	1,551,250.52	15,032.51		1,566,283.03	
1/15/2028		186,925.35	186,925.35	14,019.40		200,944.75	1,767,227.79
7/15/2028	1,380,175.00	186,925.35	1,567,100.35	14,019.40		1,581,119.75	
1/15/2029		173,123.60	173,123.60	12,984.27		186,107.87	1,767,227.62
7/15/2029	1,410,171.00	173,123.60	1,583,294.60	12,984.27		1,596,278.87	
1/15/2030		159,021.89	159,021.89	11,926.64		170,948.53	1,767,227.40
7/15/2030	1,440,819.00	159,021.89	1,599,840.89	11,926.64		1,611,767.53	
1/15/2031		144,613.70	144,613.70	10,846.03		155,459.73	1,767,227.26
7/15/2031	1,472,133.00	144,613.70	1,616,746.70	10,846.03		1,627,592.73	
1/15/2032		129,892.37	129,892.37	9,741.93		139,634.30	1,767,227.03
7/15/2032	1,504,128.00	129,892.37	1,634,020.37	9,741.93		1,643,762.30	
1/15/2033		114,851.09	114,851.09	8,613.83		123,464.92	1,767,227.22
7/15/2033	1,536,818.00	114,851.09	1,651,669.09	8,613.83		1,660,282.92	
1/15/2034		99,482.91	99,482.91	7,461.22		106,944.13	1,767,227.05
7/15/2034	1,570,219.00	99,482.91	1,669,701.91	7,461.22		1,677,163.13	
1/15/2035		83,780.72	83,780.72	6,283.55		90,064.27	1,767,227.40
7/15/2035	1,604,346.00	83,780.72	1,688,126.72	6,283.55		1,694,410.27	
1/15/2036		67,737.26	67,737.26	5,080.29		72,817.55	1,767,227.83
7/15/2036	1,639,214.00	67,737.26	1,706,951.26	5,080.29		1,712,031.55	
1/15/2037		51,345.12	51,345.12	3,850.88		55,196.00	1,767,227.56
7/15/2037	1,674,840.00	51,345.12	1,726,185.12	3,850.88		1,730,036.00	
1/15/2038		34,596.72	34,596.72	2,594.75		37,191.47	1,767,227.48
7/15/2038	1,711,240.00	34,596.72	1,745,836.72	2,594.75		1,748,431.47	
1/15/2039		17,484.32	17,484.32	1,311.32		18,795.64	1,767,227.12
7/15/2039	1,748,432.00	17,484.32	1,765,916.32	1,311.32		1,767,227.64	
1/15/2040							1,767,227.64
	28,727,859.00	6,284,335.92	35,012,194.92	471,325.19		35,483,520.11	35,483,520.11

Prepared by PFM Financial Advisors LLC

Massachusetts Clean Water Trust
Series 22
Massachusetts Water Resources Authority Loan Amortization
CW-18-41

Loan Amount Approved	2,971,701.00		Loan Origination Fee ($5.00/1000)	0.00
Principal Forgiveness	-		Loan Term (in years)	20
Amount to be Financed	2,971,701.00	-	Loan Rate	2.00%
			Closing Date	10/24/2019
			First Interest Payment	1/15/2020
			First Principal Payment	7/15/2020

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
10/24/2019							
1/15/2020		13,372.65	13,372.65	1,002.95		14,375.60	14,375.60
7/15/2020	120,208.00	29,717.01	149,925.01	2,228.78		152,153.79	
1/15/2021		28,514.93	28,514.93	2,138.62		30,653.55	182,807.34
7/15/2021	122,821.00	28,514.93	151,335.93	2,138.62		153,474.55	
1/15/2022		27,286.72	27,286.72	2,046.50		29,333.22	182,807.77
7/15/2022	125,490.00	27,286.72	152,776.72	2,046.50		154,823.22	
1/15/2023		26,031.82	26,031.82	1,952.39		27,984.21	182,807.43
7/15/2023	128,218.00	26,031.82	154,249.82	1,952.39		156,202.21	
1/15/2024		24,749.64	24,749.64	1,856.22		26,605.86	182,808.07
7/15/2024	131,004.00	24,749.64	155,753.64	1,856.22		157,609.86	
1/15/2025		23,439.60	23,439.60	1,757.97		25,197.57	182,807.43
7/15/2025	133,851.00	23,439.60	157,290.60	1,757.97		159,048.57	
1/15/2026		22,101.09	22,101.09	1,657.58		23,758.67	182,807.24
7/15/2026	136,760.00	22,101.09	158,861.09	1,657.58		160,518.67	
1/15/2027		20,733.49	20,733.49	1,555.01		22,288.50	182,807.17
7/15/2027	139,733.00	20,733.49	160,466.49	1,555.01		162,021.50	
1/15/2028		19,336.16	19,336.16	1,450.21		20,786.37	182,807.87
7/15/2028	142,770.00	19,336.16	162,106.16	1,450.21		163,556.37	
1/15/2029		17,908.46	17,908.46	1,343.13		19,251.59	182,807.97
7/15/2029	145,873.00	17,908.46	163,781.46	1,343.13		165,124.59	
1/15/2030		16,449.73	16,449.73	1,233.73		17,683.46	182,808.05
7/15/2030	149,043.00	16,449.73	165,492.73	1,233.73		166,726.46	
1/15/2031		14,959.30	14,959.30	1,121.95		16,081.25	182,807.71
7/15/2031	152,282.00	14,959.30	167,241.30	1,121.95		168,363.25	
1/15/2032		13,436.48	13,436.48	1,007.74		14,444.22	182,807.46
7/15/2032	155,592.00	13,436.48	169,028.48	1,007.74		170,036.22	
1/15/2033		11,880.56	11,880.56	891.04		12,771.60	182,807.82
7/15/2033	158,973.00	11,880.56	170,853.56	891.04		171,744.60	
1/15/2034		10,290.83	10,290.83	771.81		11,062.64	182,807.24
7/15/2034	162,428.00	10,290.83	172,718.83	771.81		173,490.64	
1/15/2035		8,666.55	8,666.55	649.99		9,316.54	182,807.18
7/15/2035	165,959.00	8,666.55	174,625.55	649.99		175,275.54	
1/15/2036		7,006.96	7,006.96	525.52		7,532.48	182,808.02
7/15/2036	169,566.00	7,006.96	176,572.96	525.52		177,098.48	
1/15/2037		5,311.30	5,311.30	398.35		5,709.65	182,808.13
7/15/2037	173,251.00	5,311.30	178,562.30	398.35		178,960.65	
1/15/2038		3,578.79	3,578.79	268.41		3,847.20	182,807.85
7/15/2038	177,016.00	3,578.79	180,594.79	268.41		180,863.20	
1/15/2039		1,808.63	1,808.63	135.65		1,944.28	182,807.48
7/15/2039	180,863.00	1,808.63	182,671.63	135.65		182,807.28	
1/15/2040							182,807.28
	2,971,701.00	650,071.74	3,621,772.74	48,755.38		3,670,528.13	3,670,528.13

Prepared by PFM Financial Advisors LLC

Massachusetts Clean Water Trust
Series 22
Massachusetts Water Resources Authority Loan Amortization
DW-16-06-A

Loan Amount Approved	14,355,913.00		Loan Origination Fee ($5.00/1000)		0.00
Principal Forgiveness	-		Loan Term (in years)		20
Amount to be Financed	14,355,913.00	-	Loan Rate		2.00%
			Closing Date		10/24/2019
			First Interest Payment		1/15/2020
			First Principal Payment		7/15/2020

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
10/24/2019							
1/15/2020		64,601.61	64,601.61	4,845.12		69,446.73	69,446.73
7/15/2020	580,711.00	143,559.13	724,270.13	10,766.93		735,037.06	
1/15/2021		137,752.02	137,752.02	10,331.40		148,083.42	883,120.49
7/15/2021	593,332.00	137,752.02	731,084.02	10,331.40		741,415.42	
1/15/2022		131,818.70	131,818.70	9,886.40		141,705.10	883,120.52
7/15/2022	606,227.00	131,818.70	738,045.70	9,886.40		747,932.10	
1/15/2023		125,756.43	125,756.43	9,431.73		135,188.16	883,120.26
7/15/2023	619,403.00	125,756.43	745,159.43	9,431.73		754,591.16	
1/15/2024		119,562.40	119,562.40	8,967.18		128,529.58	883,120.74
7/15/2024	632,865.00	119,562.40	752,427.40	8,967.18		761,394.58	
1/15/2025		113,233.75	113,233.75	8,492.53		121,726.28	883,120.86
7/15/2025	646,619.00	113,233.75	759,852.75	8,492.53		768,345.28	
1/15/2026		106,767.56	106,767.56	8,007.57		114,775.13	883,120.41
7/15/2026	660,673.00	106,767.56	767,440.56	8,007.57		775,448.13	
1/15/2027		100,160.83	100,160.83	7,512.06		107,672.89	883,121.02
7/15/2027	675,031.00	100,160.83	775,191.83	7,512.06		782,703.89	
1/15/2028		93,410.52	93,410.52	7,005.79		100,416.31	883,120.20
7/15/2028	689,702.00	93,410.52	783,112.52	7,005.79		790,118.31	
1/15/2029		86,513.50	86,513.50	6,488.51		93,002.01	883,120.32
7/15/2029	704,692.00	86,513.50	791,205.50	6,488.51		797,694.01	
1/15/2030		79,466.58	79,466.58	5,959.99		85,426.57	883,120.59
7/15/2030	720,008.00	79,466.58	799,474.58	5,959.99		805,434.57	
1/15/2031		72,266.50	72,266.50	5,419.99		77,686.49	883,121.06
7/15/2031	735,656.00	72,266.50	807,922.50	5,419.99		813,342.49	
1/15/2032		64,909.94	64,909.94	4,868.25		69,778.19	883,120.67
7/15/2032	751,644.00	64,909.94	816,553.94	4,868.25		821,422.19	
1/15/2033		57,393.50	57,393.50	4,304.51		61,698.01	883,120.20
7/15/2033	767,980.00	57,393.50	825,373.50	4,304.51		829,678.01	
1/15/2034		49,713.70	49,713.70	3,728.53		53,442.23	883,120.24
7/15/2034	784,671.00	49,713.70	834,384.70	3,728.53		838,113.23	
1/15/2035		41,866.99	41,866.99	3,140.02		45,007.01	883,120.24
7/15/2035	801,725.00	41,866.99	843,591.99	3,140.02		846,732.01	
1/15/2036		33,849.74	33,849.74	2,538.73		36,388.47	883,120.48
7/15/2036	819,150.00	33,849.74	852,999.74	2,538.73		855,538.47	
1/15/2037		25,658.24	25,658.24	1,924.37		27,582.61	883,121.08
7/15/2037	836,953.00	25,658.24	862,611.24	1,924.37		864,535.61	
1/15/2038		17,288.71	17,288.71	1,296.65		18,585.36	883,120.97
7/15/2038	855,143.00	17,288.71	872,431.71	1,296.65		873,728.36	
1/15/2039		8,737.28	8,737.28	655.30		9,392.58	883,120.94
7/15/2039	873,728.00	8,737.28	882,465.28	655.30		883,120.58	
1/15/2040							883,120.58
	14,355,913.00	3,140,414.52	17,496,327.52	235,531.09		17,731,858.61	17,731,858.61

Prepared by PFM Financial Advisors LLC

Massachusetts Clean Water Trust
Series 22
Massachusetts Water Resources Authority Loan Amortization
DW-18-16

Loan Amount Approved	5,363,933.00		Loan Origination Fee ($5.00/1000)	0.00
Principal Forgiveness	-		Loan Term (in years)	20
Amount to be Financed	5,363,933.00	-	Loan Rate	2.00%
			Closing Date	10/24/2019
			First Interest Payment	1/15/2020
			First Principal Payment	7/15/2020

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
10/24/2019							
1/15/2020		24,137.70	24,137.70	1,810.33		25,948.03	25,948.03
7/15/2020	216,977.00	53,639.33	270,616.33	4,022.95		274,639.28	
1/15/2021		51,469.56	51,469.56	3,860.22		55,329.78	329,969.06
7/15/2021	221,692.00	51,469.56	273,161.56	3,860.22		277,021.78	
1/15/2022		49,252.64	49,252.64	3,693.95		52,946.59	329,968.37
7/15/2022	226,510.00	49,252.64	275,762.64	3,693.95		279,456.59	
1/15/2023		46,987.54	46,987.54	3,524.07		50,511.61	329,968.19
7/15/2023	231,433.00	46,987.54	278,420.54	3,524.07		281,944.61	
1/15/2024		44,673.21	44,673.21	3,350.49		48,023.70	329,968.31
7/15/2024	236,463.00	44,673.21	281,136.21	3,350.49		284,486.70	
1/15/2025		42,308.58	42,308.58	3,173.14		45,481.72	329,968.42
7/15/2025	241,602.00	42,308.58	283,910.58	3,173.14		287,083.72	
1/15/2026		39,892.56	39,892.56	2,991.94		42,884.50	329,968.23
7/15/2026	246,853.00	39,892.56	286,745.56	2,991.94		289,737.50	
1/15/2027		37,424.03	37,424.03	2,806.80		40,230.83	329,968.33
7/15/2027	252,218.00	37,424.03	289,642.03	2,806.80		292,448.83	
1/15/2028		34,901.85	34,901.85	2,617.64		37,519.49	329,968.32
7/15/2028	257,700.00	34,901.85	292,601.85	2,617.64		295,219.49	
1/15/2029		32,324.85	32,324.85	2,424.36		34,749.21	329,968.70
7/15/2029	263,301.00	32,324.85	295,625.85	2,424.36		298,050.21	
1/15/2030		29,691.84	29,691.84	2,226.89		31,918.73	329,968.94
7/15/2030	269,023.00	29,691.84	298,714.84	2,226.89		300,941.73	
1/15/2031		27,001.61	27,001.61	2,025.12		29,026.73	329,968.46
7/15/2031	274,870.00	27,001.61	301,871.61	2,025.12		303,896.73	
1/15/2032		24,252.91	24,252.91	1,818.97		26,071.88	329,968.61
7/15/2032	280,844.00	24,252.91	305,096.91	1,818.97		306,915.88	
1/15/2033		21,444.47	21,444.47	1,608.34		23,052.81	329,968.68
7/15/2033	286,948.00	21,444.47	308,392.47	1,608.34		310,000.81	
1/15/2034		18,574.99	18,574.99	1,393.12		19,968.11	329,968.92
7/15/2034	293,184.00	18,574.99	311,758.99	1,393.12		313,152.11	
1/15/2035		15,643.15	15,643.15	1,173.24		16,816.39	329,968.50
7/15/2035	299,556.00	15,643.15	315,199.15	1,173.24		316,372.39	
1/15/2036		12,647.59	12,647.59	948.57		13,596.16	329,968.55
7/15/2036	306,067.00	12,647.59	318,714.59	948.57		319,663.16	
1/15/2037		9,586.92	9,586.92	719.02		10,305.94	329,969.10
7/15/2037	312,718.00	9,586.92	322,304.92	719.02		323,023.94	
1/15/2038		6,459.74	6,459.74	484.48		6,944.22	329,968.16
7/15/2038	319,515.00	6,459.74	325,974.74	484.48		326,459.22	
1/15/2039		3,264.59	3,264.59	244.84		3,509.43	329,968.65
7/15/2039	326,459.00	3,264.59	329,723.59	244.84		329,968.43	
1/15/2040							329,968.43
	5,363,933.00	1,173,382.29	6,537,315.29	88,003.67		6,625,318.96	6,625,318.96

Massachusetts Clean Water Trust
Series 23
Massachusetts Water Resources Authority Loan Amortization
CW-19-49

Loan Amount Approved	767,671.00	Loan Origination Fee ($5.00/1000)	0.00
Principal Forgiveness	-	Loan Term (in years)	20
Amount to be Financed	767,671.00	Loan Rate	2.00%
		Closing Date	5/11/2021
		First Interest Payment	7/15/2021
		First Principal Payment	1/15/2022

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/11/2021							
7/15/2021		2,729.50	2,729.50	204.71		2,934.21	
1/15/2022	31,053.00	7,676.71	38,729.71	575.75		39,305.46	42,239.67
7/15/2022		7,366.18	7,366.18	552.46		7,918.64	
1/15/2023	31,728.00	7,366.18	39,094.18	552.46		39,646.64	47,565.29
7/15/2023		7,048.90	7,048.90	528.67		7,577.57	
1/15/2024	32,417.00	7,048.90	39,465.90	528.67		39,994.57	47,572.14
7/15/2024		6,724.73	6,724.73	504.35		7,229.08	
1/15/2025	33,122.00	6,724.73	39,846.73	504.35		40,351.08	47,580.17
7/15/2025		6,393.51	6,393.51	479.51		6,873.02	
1/15/2026	33,842.00	6,393.51	40,235.51	479.51		40,715.02	47,588.05
7/15/2026		6,055.09	6,055.09	454.13		6,509.22	
1/15/2027	34,577.00	6,055.09	40,632.09	454.13		41,086.22	47,595.44
7/15/2027		5,709.32	5,709.32	428.20		6,137.52	
1/15/2028	35,329.00	5,709.32	41,038.32	428.20		41,466.52	47,604.04
7/15/2028		5,356.03	5,356.03	401.70		5,757.73	
1/15/2029	36,097.00	5,356.03	41,453.03	401.70		41,854.73	47,612.46
7/15/2029		4,995.06	4,995.06	374.63		5,369.69	
1/15/2030	36,881.00	4,995.06	41,876.06	374.63		42,250.69	47,620.38
7/15/2030		4,626.25	4,626.25	346.97		4,973.22	
1/15/2031	37,683.00	4,626.25	42,309.25	346.97		42,656.22	47,629.44
7/15/2031		4,249.42	4,249.42	318.71		4,568.13	
1/15/2032	38,502.00	4,249.42	42,751.42	318.71		43,070.13	47,638.25
7/15/2032		3,864.40	3,864.40	289.83		4,154.23	
1/15/2033	39,339.00	3,864.40	43,203.40	289.83		43,493.23	47,647.46
7/15/2033		3,471.01	3,471.01	260.33		3,731.34	
1/15/2034	40,194.00	3,471.01	43,665.01	260.33		43,925.34	47,656.67
7/15/2034		3,069.07	3,069.07	230.18		3,299.25	
1/15/2035	41,067.00	3,069.07	44,136.07	230.18		44,366.25	47,665.50
7/15/2035		2,658.40	2,658.40	199.38		2,857.78	
1/15/2036	41,960.00	2,658.40	44,618.40	199.38		44,817.78	47,675.56
7/15/2036		2,238.80	2,238.80	167.91		2,406.71	
1/15/2037	42,872.00	2,238.80	45,110.80	167.91		45,278.71	47,685.42
7/15/2037		1,810.08	1,810.08	135.76		1,945.84	
1/15/2038	43,803.00	1,810.08	45,613.08	135.76		45,748.84	47,694.67
7/15/2038		1,372.05	1,372.05	102.90		1,474.95	
1/15/2039	44,755.00	1,372.05	46,127.05	102.90		46,229.95	47,704.91
7/15/2039		924.50	924.50	69.34		993.84	
1/15/2040	45,728.00	924.50	46,652.50	69.34		46,721.84	47,715.68
7/15/2040		467.22	467.22	35.04		502.26	
1/15/2041	46,722.00	467.22	47,189.22	35.04		47,224.26	47,726.52
7/15/2041							
	767,671.00	167,206.25	934,877.25	12,540.47		947,417.72	947,417.72

Massachusetts Clean Water Trust
Series 23
Massachusetts Water Resources Authority Loan Amortization
CW-19-50

Loan Amount Approved	2,350,379.00	Loan Origination Fee ($5.00/1000)	0.00
Principal Forgiveness	-	Loan Term (in years)	20
Amount to be Financed	2,350,379.00	Loan Rate	2.00%
		Closing Date	5/11/2021
		First Interest Payment	7/15/2021
		First Principal Payment	1/15/2022

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/11/2021							
7/15/2021		8,356.90	8,356.90	626.77		8,983.67	
1/15/2022	95,075.00	23,503.79	118,578.79	1,762.78		120,341.57	129,325.25
7/15/2022		22,553.04	22,553.04	1,691.48		24,244.52	
1/15/2023	97,141.00	22,553.04	119,694.04	1,691.48		121,385.52	145,630.04
7/15/2023		21,581.63	21,581.63	1,618.62		23,200.25	
1/15/2024	99,253.00	21,581.63	120,834.63	1,618.62		122,453.25	145,653.50
7/15/2024		20,589.10	20,589.10	1,544.18		22,133.28	
1/15/2025	101,410.00	20,589.10	121,999.10	1,544.18		123,543.28	145,676.57
7/15/2025		19,575.00	19,575.00	1,468.13		21,043.13	
1/15/2026	103,614.00	19,575.00	123,189.00	1,468.13		124,657.13	145,700.25
7/15/2026		18,538.86	18,538.86	1,390.41		19,929.27	
1/15/2027	105,866.00	18,538.86	124,404.86	1,390.41		125,795.27	145,724.55
7/15/2027		17,480.20	17,480.20	1,311.02		18,791.22	
1/15/2028	108,167.00	17,480.20	125,647.20	1,311.02		126,958.22	145,749.43
7/15/2028		16,398.53	16,398.53	1,229.89		17,628.42	
1/15/2029	110,517.00	16,398.53	126,915.53	1,229.89		128,145.42	145,773.84
7/15/2029		15,293.36	15,293.36	1,147.00		16,440.36	
1/15/2030	112,919.00	15,293.36	128,212.36	1,147.00		129,359.36	145,799.72
7/15/2030		14,164.17	14,164.17	1,062.31		15,226.48	
1/15/2031	115,374.00	14,164.17	129,538.17	1,062.31		130,600.48	145,826.97
7/15/2031		13,010.43	13,010.43	975.78		13,986.21	
1/15/2032	117,881.00	13,010.43	130,891.43	975.78		131,867.21	145,853.42
7/15/2032		11,831.62	11,831.62	887.37		12,718.99	
1/15/2033	120,443.00	11,831.62	132,274.62	887.37		133,161.99	145,880.98
7/15/2033		10,627.19	10,627.19	797.04		11,424.23	
1/15/2034	123,061.00	10,627.19	133,688.19	797.04		134,485.23	145,909.46
7/15/2034		9,396.58	9,396.58	704.74		10,101.32	
1/15/2035	125,735.00	9,396.58	135,131.58	704.74		135,836.32	145,937.65
7/15/2035		8,139.23	8,139.23	610.44		8,749.67	
1/15/2036	128,468.00	8,139.23	136,607.23	610.44		137,217.67	145,967.34
7/15/2036		6,854.55	6,854.55	514.09		7,368.64	
1/15/2037	131,260.00	6,854.55	138,114.55	514.09		138,628.64	145,997.28
7/15/2037		5,541.95	5,541.95	415.65		5,957.60	
1/15/2038	134,113.00	5,541.95	139,654.95	415.65		140,070.60	146,028.19
7/15/2038		4,200.82	4,200.82	315.06		4,515.88	
1/15/2039	137,028.00	4,200.82	141,228.82	315.06		141,543.88	146,059.76
7/15/2039		2,830.54	2,830.54	212.29		3,042.83	
1/15/2040	140,006.00	2,830.54	142,836.54	212.29		143,048.83	146,091.66
7/15/2040		1,430.48	1,430.48	107.29		1,537.77	
1/15/2041	143,048.00	1,430.48	144,478.48	107.29		144,585.77	146,123.53
7/15/2041							
	2,350,379.00	511,935.25	2,862,314.25	38,395.14		2,900,709.40	2,900,709.40

Massachusetts Clean Water Trust
Series 23
Massachusetts Water Resources Authority Loan Amortization
CW-19-51

Loan Amount Approved	22,030,256.00	Loan Origination Fee ($5.00/1000)	0.00
Principal Forgiveness	-	Loan Term (in years)	20
Amount to be Financed	22,030,256.00	Loan Rate	2.00%
		Closing Date	5/11/2021
		First Interest Payment	7/15/2021
		First Principal Payment	1/15/2022

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/11/2021							
7/15/2021		78,329.80	78,329.80	5,874.73		84,204.53	
1/15/2022	891,146.00	220,302.56	1,111,448.56	16,522.69		1,127,971.25	1,212,175.79
7/15/2022		211,391.10	211,391.10	15,854.33		227,245.43	
1/15/2023	910,514.00	211,391.10	1,121,905.10	15,854.33		1,137,759.43	1,365,004.87
7/15/2023		202,285.96	202,285.96	15,171.45		217,457.41	
1/15/2024	930,303.00	202,285.96	1,132,588.96	15,171.45		1,147,760.41	1,365,217.81
7/15/2024		192,982.93	192,982.93	14,473.72		207,456.65	
1/15/2025	950,522.00	192,982.93	1,143,504.93	14,473.72		1,157,978.65	1,365,435.30
7/15/2025		183,477.71	183,477.71	13,760.83		197,238.54	
1/15/2026	971,180.00	183,477.71	1,154,657.71	13,760.83		1,168,418.54	1,365,657.08
7/15/2026		173,765.91	173,765.91	13,032.44		186,798.35	
1/15/2027	992,287.00	173,765.91	1,166,052.91	13,032.44		1,179,085.35	1,365,883.71
7/15/2027		163,843.04	163,843.04	12,288.23		176,131.27	
1/15/2028	1,013,853.00	163,843.04	1,177,696.04	12,288.23		1,189,984.27	1,366,115.54
7/15/2028		153,704.51	153,704.51	11,527.84		165,232.35	
1/15/2029	1,035,888.00	153,704.51	1,189,592.51	11,527.84		1,201,120.35	1,366,352.70
7/15/2029		143,345.63	143,345.63	10,750.92		154,096.55	
1/15/2030	1,058,401.00	143,345.63	1,201,746.63	10,750.92		1,212,497.55	1,366,594.10
7/15/2030		132,761.62	132,761.62	9,957.12		142,718.74	
1/15/2031	1,081,404.00	132,761.62	1,214,165.62	9,957.12		1,224,122.74	1,366,841.48
7/15/2031		121,947.58	121,947.58	9,146.07		131,093.65	
1/15/2032	1,104,907.00	121,947.58	1,226,854.58	9,146.07		1,236,000.65	1,367,094.30
7/15/2032		110,898.51	110,898.51	8,317.39		119,215.90	
1/15/2033	1,128,921.00	110,898.51	1,239,819.51	8,317.39		1,248,136.90	1,367,352.80
7/15/2033		99,609.30	99,609.30	7,470.70		107,080.00	
1/15/2034	1,153,456.00	99,609.30	1,253,065.30	7,470.70		1,260,536.00	1,367,616.00
7/15/2034		88,074.74	88,074.74	6,605.61		94,680.35	
1/15/2035	1,178,525.00	88,074.74	1,266,599.74	6,605.61		1,273,205.35	1,367,885.69
7/15/2035		76,289.49	76,289.49	5,721.71		82,011.20	
1/15/2036	1,204,139.00	76,289.49	1,280,428.49	5,721.71		1,286,150.20	1,368,161.40
7/15/2036		64,248.10	64,248.10	4,818.61		69,066.71	
1/15/2037	1,230,309.00	64,248.10	1,294,557.10	4,818.61		1,299,375.71	1,368,442.42
7/15/2037		51,945.01	51,945.01	3,895.88		55,840.89	
1/15/2038	1,257,048.00	51,945.01	1,308,993.01	3,895.88		1,312,888.89	1,368,729.77
7/15/2038		39,374.53	39,374.53	2,953.09		42,327.62	
1/15/2039	1,284,368.00	39,374.53	1,323,742.53	2,953.09		1,326,695.62	1,369,023.24
7/15/2039		26,530.85	26,530.85	1,989.81		28,520.66	
1/15/2040	1,312,282.00	26,530.85	1,338,812.85	1,989.81		1,340,802.66	1,369,323.33
7/15/2040		13,408.03	13,408.03	1,005.60		14,413.63	
1/15/2041	1,340,803.00	13,408.03	1,354,211.03	1,005.60		1,355,216.63	1,369,630.26
7/15/2041							
	22,030,256.00	4,798,401.46	26,828,657.46	359,880.11		27,188,537.57	27,188,537.57

Massachusetts Clean Water Trust
Series 23
Massachusetts Water Resources Authority Loan Amortization
DW-19-25

Loan Amount Approved	10,896,491.00	Loan Origination Fee ($5.00/1000)	0.00
Principal Forgiveness	-	Loan Term (in years)	20
Amount to be Financed	10,896,491.00	Loan Rate	2.00%
		Closing Date	5/11/2021
		First Interest Payment	7/15/2021
		First Principal Payment	1/15/2022

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/11/2021							
7/15/2021		38,743.08	38,743.08	2,905.73		41,648.81	
1/15/2022	440,774.00	108,964.91	549,738.91	8,172.37		557,911.28	599,560.09
7/15/2022		104,557.17	104,557.17	7,841.79		112,398.96	
1/15/2023	450,354.00	104,557.17	554,911.17	7,841.79		562,752.96	675,151.92
7/15/2023		100,053.63	100,053.63	7,504.02		107,557.65	
1/15/2024	460,141.00	100,053.63	560,194.63	7,504.02		567,698.65	675,256.30
7/15/2024		95,452.22	95,452.22	7,158.92		102,611.14	
1/15/2025	470,142.00	95,452.22	565,594.22	7,158.92		572,753.14	675,364.27
7/15/2025		90,750.80	90,750.80	6,806.31		97,557.11	
1/15/2026	480,360.00	90,750.80	571,110.80	6,806.31		577,917.11	675,474.22
7/15/2026		85,947.20	85,947.20	6,446.04		92,393.24	
1/15/2027	490,800.00	85,947.20	576,747.20	6,446.04		583,193.24	675,586.48
7/15/2027		81,039.20	81,039.20	6,077.94		87,117.14	
1/15/2028	501,467.00	81,039.20	582,506.20	6,077.94		588,584.14	675,701.28
7/15/2028		76,024.53	76,024.53	5,701.84		81,726.37	
1/15/2029	512,365.00	76,024.53	588,389.53	5,701.84		594,091.37	675,817.74
7/15/2029		70,900.88	70,900.88	5,317.57		76,218.45	
1/15/2030	523,501.00	70,900.88	594,401.88	5,317.57		599,719.45	675,937.89
7/15/2030		65,665.87	65,665.87	4,924.94		70,590.81	
1/15/2031	534,878.00	65,665.87	600,543.87	4,924.94		605,468.81	676,059.62
7/15/2031		60,317.09	60,317.09	4,523.78		64,840.87	
1/15/2032	546,503.00	60,317.09	606,820.09	4,523.78		611,343.87	676,184.74
7/15/2032		54,852.06	54,852.06	4,113.90		58,965.96	
1/15/2033	558,381.00	54,852.06	613,233.06	4,113.90		617,346.96	676,312.93
7/15/2033		49,268.25	49,268.25	3,695.12		52,963.37	
1/15/2034	570,517.00	49,268.25	619,785.25	3,695.12		623,480.37	676,443.74
7/15/2034		43,563.08	43,563.08	3,267.23		46,830.31	
1/15/2035	582,916.00	43,563.08	626,479.08	3,267.23		629,746.31	676,576.62
7/15/2035		37,733.92	37,733.92	2,830.04		40,563.96	
1/15/2036	595,585.00	37,733.92	633,318.92	2,830.04		636,148.96	676,712.93
7/15/2036		31,778.07	31,778.07	2,383.36		34,161.43	
1/15/2037	608,529.00	31,778.07	640,307.07	2,383.36		642,690.43	676,851.85
7/15/2037		25,692.78	25,692.78	1,926.96		27,619.74	
1/15/2038	621,755.00	25,692.78	647,447.78	1,926.96		649,374.74	676,994.48
7/15/2038		19,475.23	19,475.23	1,460.64		20,935.87	
1/15/2039	635,268.00	19,475.23	654,743.23	1,460.64		656,203.87	677,139.74
7/15/2039		13,122.55	13,122.55	984.19		14,106.74	
1/15/2040	649,074.00	13,122.55	662,196.55	984.19		663,180.74	677,287.48
7/15/2040		6,631.81	6,631.81	497.39		7,129.20	
1/15/2041	663,181.00	6,631.81	669,812.81	497.39		670,310.20	677,439.39
7/15/2041							
	10,896,491.00	2,373,360.67	13,269,851.67	178,002.05		13,447,853.72	13,447,853.72

Massachusetts Clean Water Trust
Series 23
Massachusetts Water Resources Authority Loan Amortization
DW-19-26

Loan Amount Approved	4,103,509.00	Loan Origination Fee ($5.00/1000)	0.00
Principal Forgiveness	-	Loan Term (in years)	20
Amount to be Financed	4,103,509.00	Loan Rate	2.00%
		Closing Date	5/11/2021
		First Interest Payment	7/15/2021
		First Principal Payment	1/15/2022

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/11/2021							
7/15/2021		14,590.25	14,590.25	1,094.27		15,684.52	
1/15/2022	165,991.00	41,035.09	207,026.09	3,077.63		210,103.72	225,788.25
7/15/2022		39,375.18	39,375.18	2,953.14		42,328.32	
1/15/2023	169,599.00	39,375.18	208,974.18	2,953.14		211,927.32	254,255.64
7/15/2023		37,679.19	37,679.19	2,825.94		40,505.13	
1/15/2024	173,285.00	37,679.19	210,964.19	2,825.94		213,790.13	254,295.26
7/15/2024		35,946.34	35,946.34	2,695.98		38,642.32	
1/15/2025	177,051.00	35,946.34	212,997.34	2,695.98		215,693.32	254,335.63
7/15/2025		34,175.83	34,175.83	2,563.19		36,739.02	
1/15/2026	180,899.00	34,175.83	215,074.83	2,563.19		217,638.02	254,377.03
7/15/2026		32,366.84	32,366.84	2,427.51		34,794.35	
1/15/2027	184,830.00	32,366.84	217,196.84	2,427.51		219,624.35	254,418.71
7/15/2027		30,518.54	30,518.54	2,288.89		32,807.43	
1/15/2028	188,847.00	30,518.54	219,365.54	2,288.89		221,654.43	254,461.86
7/15/2028		28,630.07	28,630.07	2,147.26		30,777.33	
1/15/2029	192,952.00	28,630.07	221,582.07	2,147.26		223,729.33	254,506.65
7/15/2029		26,700.55	26,700.55	2,002.54		28,703.09	
1/15/2030	197,145.00	26,700.55	223,845.55	2,002.54		225,848.09	254,551.18
7/15/2030		24,729.10	24,729.10	1,854.68		26,583.78	
1/15/2031	201,430.00	24,729.10	226,159.10	1,854.68		228,013.78	254,597.57
7/15/2031		22,714.80	22,714.80	1,703.61		24,418.41	
1/15/2032	205,808.00	22,714.80	228,522.80	1,703.61		230,226.41	254,644.82
7/15/2032		20,656.72	20,656.72	1,549.25		22,205.97	
1/15/2033	210,281.00	20,656.72	230,937.72	1,549.25		232,486.97	254,692.95
7/15/2033		18,553.91	18,553.91	1,391.54		19,945.45	
1/15/2034	214,851.00	18,553.91	233,404.91	1,391.54		234,796.45	254,741.91
7/15/2034		16,405.40	16,405.40	1,230.41		17,635.81	
1/15/2035	219,520.00	16,405.40	235,925.40	1,230.41		237,155.81	254,791.61
7/15/2035		14,210.20	14,210.20	1,065.77		15,275.97	
1/15/2036	224,291.00	14,210.20	238,501.20	1,065.77		239,566.97	254,842.93
7/15/2036		11,967.29	11,967.29	897.55		12,864.84	
1/15/2037	229,166.00	11,967.29	241,133.29	897.55		242,030.84	254,895.67
7/15/2037		9,675.63	9,675.63	725.67		10,401.30	
1/15/2038	234,146.00	9,675.63	243,821.63	725.67		244,547.30	254,948.60
7/15/2038		7,334.17	7,334.17	550.06		7,884.23	
1/15/2039	239,235.00	7,334.17	246,569.17	550.06		247,119.23	255,003.47
7/15/2039		4,941.82	4,941.82	370.64		5,312.46	
1/15/2040	244,435.00	4,941.82	249,376.82	370.64		249,747.46	255,059.91
7/15/2040		2,497.47	2,497.47	187.31		2,684.78	
1/15/2041	249,747.00	2,497.47	252,244.47	187.31		252,431.78	255,116.56
7/15/2041							
	4,103,509.00	893,783.44	4,997,292.44	67,033.76		5,064,326.20	5,064,326.20

Massachusetts Clean Water Trust
Series 23
Massachusetts Water Resources Authority Loan Amortization
DW-20-31

Loan Amount Approved	7,271,659.00	Loan Origination Fee ($5.00/1000)	0.00
Principal Forgiveness	-	Loan Term (in years)	20
Amount to be Financed	7,271,659.00	Loan Rate	2.00%
		Closing Date	5/11/2021
		First Interest Payment	7/15/2021
		First Principal Payment	1/15/2022

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/11/2021							
7/15/2021		25,854.79	25,854.79	1,939.11		27,793.90	
1/15/2022	294,146.00	72,716.59	366,862.59	5,453.74		372,316.33	400,110.23
7/15/2022		69,775.13	69,775.13	5,233.13		75,008.26	
1/15/2023	300,539.00	69,775.13	370,314.13	5,233.13		375,547.26	450,555.53
7/15/2023		66,769.74	66,769.74	5,007.73		71,777.47	
1/15/2024	307,071.00	66,769.74	373,840.74	5,007.73		378,848.47	450,625.94
7/15/2024		63,699.03	63,699.03	4,777.43		68,476.46	
1/15/2025	313,744.00	63,699.03	377,443.03	4,777.43		382,220.46	450,696.91
7/15/2025		60,561.59	60,561.59	4,542.12		65,103.71	
1/15/2026	320,563.00	60,561.59	381,124.59	4,542.12		385,666.71	450,770.42
7/15/2026		57,355.96	57,355.96	4,301.70		61,657.66	
1/15/2027	327,530.00	57,355.96	384,885.96	4,301.70		389,187.66	450,845.31
7/15/2027		54,080.66	54,080.66	4,056.05		58,136.71	
1/15/2028	334,649.00	54,080.66	388,729.66	4,056.05		392,785.71	450,922.42
7/15/2028		50,734.17	50,734.17	3,805.06		54,539.23	
1/15/2029	341,922.00	50,734.17	392,656.17	3,805.06		396,461.23	451,000.47
7/15/2029		47,314.95	47,314.95	3,548.62		50,863.57	
1/15/2030	349,353.00	47,314.95	396,667.95	3,548.62		400,216.57	451,080.14
7/15/2030		43,821.42	43,821.42	3,286.61		47,108.03	
1/15/2031	356,946.00	43,821.42	400,767.42	3,286.61		404,054.03	451,162.05
7/15/2031		40,251.96	40,251.96	3,018.90		43,270.86	
1/15/2032	364,703.00	40,251.96	404,954.96	3,018.90		407,973.86	451,244.71
7/15/2032		36,604.93	36,604.93	2,745.37		39,350.30	
1/15/2033	372,630.00	36,604.93	409,234.93	2,745.37		411,980.30	451,330.60
7/15/2033		32,878.63	32,878.63	2,465.90		35,344.53	
1/15/2034	380,728.00	32,878.63	413,606.63	2,465.90		416,072.53	451,417.05
7/15/2034		29,071.35	29,071.35	2,180.35		31,251.70	
1/15/2035	389,003.00	29,071.35	418,074.35	2,180.35		420,254.70	451,506.40
7/15/2035		25,181.32	25,181.32	1,888.60		27,069.92	
1/15/2036	397,457.00	25,181.32	422,638.32	1,888.60		424,526.92	451,596.84
7/15/2036		21,206.75	21,206.75	1,590.51		22,797.26	
1/15/2037	406,095.00	21,206.75	427,301.75	1,590.51		428,892.26	451,689.51
7/15/2037		17,145.80	17,145.80	1,285.94		18,431.74	
1/15/2038	414,921.00	17,145.80	432,066.80	1,285.94		433,352.74	451,784.47
7/15/2038		12,996.59	12,996.59	974.74		13,971.33	
1/15/2039	423,939.00	12,996.59	436,935.59	974.74		437,910.33	451,881.67
7/15/2039		8,757.20	8,757.20	656.79		9,413.99	
1/15/2040	433,153.00	8,757.20	441,910.20	656.79		442,566.99	451,980.98
7/15/2040		4,425.67	4,425.67	331.93		4,757.60	
1/15/2041	442,567.00	4,425.67	446,992.67	331.93		447,324.60	452,082.19
7/15/2041							
	7,271,659.00	1,583,837.08	8,855,496.08	118,787.78		8,974,283.86	8,974,283.86

Massachusetts Clean Water Trust
Series 23
Massachusetts Water Resources Authority Loan Amortization
DW-20-32

Loan Amount Approved	3,018,669.00	Loan Origination Fee ($5.00/1000)	0.00
Principal Forgiveness	-	Loan Term (in years)	20
Amount to be Financed	3,018,669.00	Loan Rate	2.00%
		Closing Date	5/11/2021
		First Interest Payment	7/15/2021
		First Principal Payment	1/15/2022

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/11/2021							
7/15/2021		10,733.05	10,733.05	804.98		11,538.02	
1/15/2022	122,108.00	30,186.69	152,294.69	2,264.00		154,558.69	166,096.72
7/15/2022		28,965.61	28,965.61	2,172.42		31,138.03	
1/15/2023	124,762.00	28,965.61	153,727.61	2,172.42		155,900.03	187,038.06
7/15/2023		27,717.99	27,717.99	2,078.85		29,796.84	
1/15/2024	127,474.00	27,717.99	155,191.99	2,078.85		157,270.84	187,067.68
7/15/2024		26,443.25	26,443.25	1,983.24		28,426.49	
1/15/2025	130,244.00	26,443.25	156,687.25	1,983.24		158,670.49	187,096.99
7/15/2025		25,140.81	25,140.81	1,885.56		27,026.37	
1/15/2026	133,075.00	25,140.81	158,215.81	1,885.56		160,101.37	187,127.74
7/15/2026		23,810.06	23,810.06	1,785.75		25,595.81	
1/15/2027	135,967.00	23,810.06	159,777.06	1,785.75		161,562.81	187,158.63
7/15/2027		22,450.39	22,450.39	1,683.78		24,134.17	
1/15/2028	138,922.00	22,450.39	161,372.39	1,683.78		163,056.17	187,190.34
7/15/2028		21,061.17	21,061.17	1,579.59		22,640.76	
1/15/2029	141,941.00	21,061.17	163,002.17	1,579.59		164,581.76	187,222.52
7/15/2029		19,641.76	19,641.76	1,473.13		21,114.89	
1/15/2030	145,026.00	19,641.76	164,667.76	1,473.13		166,140.89	187,255.78
7/15/2030		18,191.50	18,191.50	1,364.36		19,555.86	
1/15/2031	148,178.00	18,191.50	166,369.50	1,364.36		167,733.86	187,289.73
7/15/2031		16,709.72	16,709.72	1,253.23		17,962.95	
1/15/2032	151,398.00	16,709.72	168,107.72	1,253.23		169,360.95	187,323.90
7/15/2032		15,195.74	15,195.74	1,139.68		16,335.42	
1/15/2033	154,689.00	15,195.74	169,884.74	1,139.68		171,024.42	187,359.84
7/15/2033		13,648.85	13,648.85	1,023.66		14,672.51	
1/15/2034	158,051.00	13,648.85	171,699.85	1,023.66		172,723.51	187,396.03
7/15/2034		12,068.34	12,068.34	905.13		12,973.47	
1/15/2035	161,486.00	12,068.34	173,554.34	905.13		174,459.47	187,432.93
7/15/2035		10,453.48	10,453.48	784.01		11,237.49	
1/15/2036	164,996.00	10,453.48	175,449.48	784.01		176,233.49	187,470.98
7/15/2036		8,803.52	8,803.52	660.26		9,463.78	
1/15/2037	168,582.00	8,803.52	177,385.52	660.26		178,045.78	187,509.57
7/15/2037		7,117.70	7,117.70	533.83		7,651.53	
1/15/2038	172,245.00	7,117.70	179,362.70	533.83		179,896.53	187,548.06
7/15/2038		5,395.25	5,395.25	404.64		5,799.89	
1/15/2039	175,989.00	5,395.25	181,384.25	404.64		181,788.89	187,588.79
7/15/2039		3,635.36	3,635.36	272.65		3,908.01	
1/15/2040	179,814.00	3,635.36	183,449.36	272.65		183,722.01	187,630.02
7/15/2040		1,837.22	1,837.22	137.79		1,975.01	
1/15/2041	183,722.00	1,837.22	185,559.22	137.79		185,697.01	187,672.02
7/15/2041							
	3,018,669.00	657,495.18	3,676,164.18	49,312.14		3,725,476.31	3,725,476.31

Prepared by PFM Financial Advisors LLC

Massachusetts Clean Water Trust
Series 24
MASSACHUSETTS WATER RESOURCES AUTHORITY Loan Amortization
CW-20-46

Loan Amount Approved	8,986,259.00	Loan Origination Fee ($0.00/1000)	0.00
Loan Forgiveness	-	Loan Term (in years)	20
Amount to be Financed	8,986,259.00	Loan Rate	2.00%
		Closing Date	12/14/2022
		First Interest Payment	7/15/2023
		First Principal Payment	1/15/2024

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Payments	Total Annual Payments
12/14/2022							
7/15/2023		105,338.92	105,338.92	7,900.42		113,239.34	
1/15/2024	363,503.00	89,862.59	453,365.59	6,739.69		460,105.28	573,344.63
7/15/2024		86,227.56	86,227.56	6,467.07		92,694.63	
1/15/2025	371,403.00	86,227.56	457,630.56	6,467.07		464,097.63	556,792.25
7/15/2025		82,513.53	82,513.53	6,188.51		88,702.04	
1/15/2026	379,475.00	82,513.53	461,988.53	6,188.51		468,177.04	556,879.09
7/15/2026		78,718.78	78,718.78	5,903.91		84,622.69	
1/15/2027	387,723.00	78,718.78	466,441.78	5,903.91		472,345.69	556,968.38
7/15/2027		74,841.55	74,841.55	5,613.12		80,454.67	
1/15/2028	396,149.00	74,841.55	470,990.55	5,613.12		476,603.67	557,058.33
7/15/2028		70,880.06	70,880.06	5,316.00		76,196.06	
1/15/2029	404,759.00	70,880.06	475,639.06	5,316.00		480,955.06	557,151.13
7/15/2029		66,832.47	66,832.47	5,012.44		71,844.91	
1/15/2030	413,556.00	66,832.47	480,388.47	5,012.44		485,400.91	557,245.81
7/15/2030		62,696.91	62,696.91	4,702.27		67,399.18	
1/15/2031	422,544.00	62,696.91	485,240.91	4,702.27		489,943.18	557,342.36
7/15/2031		58,471.47	58,471.47	4,385.36		62,856.83	
1/15/2032	431,727.00	58,471.47	490,198.47	4,385.36		494,583.83	557,440.66
7/15/2032		54,154.20	54,154.20	4,061.57		58,215.77	
1/15/2033	441,111.00	54,154.20	495,265.20	4,061.57		499,326.77	557,542.53
7/15/2033		49,743.09	49,743.09	3,730.73		53,473.82	
1/15/2034	450,697.00	49,743.09	500,440.09	3,730.73		504,170.82	557,644.64
7/15/2034		45,236.12	45,236.12	3,392.71		48,628.83	
1/15/2035	460,493.00	45,236.12	505,729.12	3,392.71		509,121.83	557,750.66
7/15/2035		40,631.19	40,631.19	3,047.34		43,678.53	
1/15/2036	470,501.00	40,631.19	511,132.19	3,047.34		514,179.53	557,858.06
7/15/2036		35,926.18	35,926.18	2,694.46		38,620.64	
1/15/2037	480,727.00	35,926.18	516,653.18	2,694.46		519,347.64	557,968.29
7/15/2037		31,118.91	31,118.91	2,333.92		33,452.83	
1/15/2038	491,175.00	31,118.91	522,293.91	2,333.92		524,627.83	558,080.66
7/15/2038		26,207.16	26,207.16	1,965.54		28,172.70	
1/15/2039	501,850.00	26,207.16	528,057.16	1,965.54		530,022.70	558,195.39
7/15/2039		21,188.66	21,188.66	1,589.15		22,777.81	
1/15/2040	512,757.00	21,188.66	533,945.66	1,589.15		535,534.81	558,312.62
7/15/2040		16,061.09	16,061.09	1,204.58		17,265.67	
1/15/2041	523,901.00	16,061.09	539,962.09	1,204.58		541,166.67	558,432.34
7/15/2041		10,822.08	10,822.08	811.66		11,633.74	
1/15/2042	535,287.00	10,822.08	546,109.08	811.66		546,920.74	558,554.47
7/15/2042		5,469.21	5,469.21	410.19		5,879.40	
1/15/2043	546,921.00	5,469.21	552,390.21	410.19		552,800.40	558,679.80
7/15/2043							
	8,986,259.00	2,030,681.95	11,016,940.95	152,301.15		11,169,242.10	11,169,242.10

Prepared by PFM Financial Advisors LLC

Massachusetts Clean Water Trust
Series 24
MASSACHUSETTS WATER RESOURCES AUTHORITY Loan Amortization
DW-20-33

Loan Amount Approved	9,798,686.00	Loan Origination Fee ($0.00/1000)	0.00
Loan Forgiveness	-	Loan Term (in years)	20
Amount to be Financed	9,798,686.00	Loan Rate	2.00%
		Closing Date	12/14/2022
		First Interest Payment	7/15/2023
		First Principal Payment	1/15/2024

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Payments	Total Annual Payments
12/14/2022							
7/15/2023		114,862.37	114,862.37	8,614.68		123,477.05	
1/15/2024	396,367.00	97,986.86	494,353.86	7,349.01		501,702.87	625,179.93
7/15/2024		94,023.19	94,023.19	7,051.74		101,074.93	
1/15/2025	404,981.00	94,023.19	499,004.19	7,051.74		506,055.93	607,130.86
7/15/2025		89,973.38	89,973.38	6,748.00		96,721.38	
1/15/2026	413,783.00	89,973.38	503,756.38	6,748.00		510,504.38	607,225.77
7/15/2026		85,835.55	85,835.55	6,437.67		92,273.22	
1/15/2027	422,776.00	85,835.55	508,611.55	6,437.67		515,049.22	607,322.43
7/15/2027		81,607.79	81,607.79	6,120.58		87,728.37	
1/15/2028	431,964.00	81,607.79	513,571.79	6,120.58		519,692.37	607,420.75
7/15/2028		77,288.15	77,288.15	5,796.61		83,084.76	
1/15/2029	441,352.00	77,288.15	518,640.15	5,796.61		524,436.76	607,521.52
7/15/2029		72,874.63	72,874.63	5,465.60		78,340.23	
1/15/2030	450,945.00	72,874.63	523,819.63	5,465.60		529,285.23	607,625.45
7/15/2030		68,365.18	68,365.18	5,127.39		73,492.57	
1/15/2031	460,745.00	68,365.18	529,110.18	5,127.39		534,237.57	607,730.14
7/15/2031		63,757.73	63,757.73	4,781.83		68,539.56	
1/15/2032	470,759.00	63,757.73	534,516.73	4,781.83		539,298.56	607,838.12
7/15/2032		59,050.14	59,050.14	4,428.76		63,478.90	
1/15/2033	480,990.00	59,050.14	540,040.14	4,428.76		544,468.90	607,947.80
7/15/2033		54,240.24	54,240.24	4,068.02		58,308.26	
1/15/2034	491,444.00	54,240.24	545,684.24	4,068.02		549,752.26	608,060.52
7/15/2034		49,325.80	49,325.80	3,699.44		53,025.24	
1/15/2035	502,125.00	49,325.80	551,450.80	3,699.44		555,150.24	608,175.47
7/15/2035		44,304.55	44,304.55	3,322.84		47,627.39	
1/15/2036	513,038.00	44,304.55	557,342.55	3,322.84		560,665.39	608,292.78
7/15/2036		39,174.17	39,174.17	2,938.06		42,112.23	
1/15/2037	524,188.00	39,174.17	563,362.17	2,938.06		566,300.23	608,412.47
7/15/2037		33,932.29	33,932.29	2,544.92		36,477.21	
1/15/2038	535,581.00	33,932.29	569,513.29	2,544.92		572,058.21	608,535.42
7/15/2038		28,576.48	28,576.48	2,143.24		30,719.72	
1/15/2039	547,221.00	28,576.48	575,797.48	2,143.24		577,940.72	608,660.43
7/15/2039		23,104.27	23,104.27	1,732.82		24,837.09	
1/15/2040	559,114.00	23,104.27	582,218.27	1,732.82		583,951.09	608,788.18
7/15/2040		17,513.13	17,513.13	1,313.48		18,826.61	
1/15/2041	571,265.00	17,513.13	588,778.13	1,313.48		590,091.61	608,918.23
7/15/2041		11,800.48	11,800.48	885.04		12,685.52	
1/15/2042	583,681.00	11,800.48	595,481.48	885.04		596,366.52	609,052.03
7/15/2042		5,963.67	5,963.67	447.28		6,410.95	
1/15/2043	596,367.00	5,963.67	602,330.67	447.28		602,777.95	609,188.89
7/15/2043							
	9,798,686.00	2,214,270.87	12,012,956.87	166,070.32		12,179,027.19	12,179,027.19

Prepared by PFM Financial Advisors LLC

Massachusetts Clean Water Trust
Series 25
MWRA Loan Amortization
CW-21-56

Loan Amount Approved	32,062,963.00	Loan Origination Fee ($0.00/1000)	0.00
Loan Forgiveness*	2,404,722.00	Loan Term (in years)	20
		Loan Rate	2.00%
Amount to be Financed	29,658,241.00	Closing Date	11/21/2023
		First Interest Payment	7/15/2024
		First Principal Payment	1/15/2025

Date	Principal	Interest	Total Payments	Admin Fee (0.15%)	Loan Origination Fee	Total Payments	Total Annual Payments
11/21/2023							
7/15/2024		385,557.13	385,557.13	28,916.78		414,473.92	
1/15/2025	1,199,706.00	296,582.41	1,496,288.41	22,243.68		1,518,532.09	1,933,006.01
7/15/2025		284,585.35	284,585.35	21,343.90		305,929.25	
1/15/2026	1,225,780.00	284,585.35	1,510,365.35	21,343.90		1,531,709.25	1,837,638.50
7/15/2026		272,327.55	272,327.55	20,424.57		292,752.12	
1/15/2027	1,252,420.00	272,327.55	1,524,747.55	20,424.57		1,545,172.12	1,837,924.23
7/15/2027		259,803.35	259,803.35	19,485.25		279,288.60	
1/15/2028	1,279,640.00	259,803.35	1,539,443.35	19,485.25		1,558,928.60	1,838,217.20
7/15/2028		247,006.95	247,006.95	18,525.52		265,532.47	
1/15/2029	1,307,451.00	247,006.95	1,554,457.95	18,525.52		1,572,983.47	1,838,515.94
7/15/2029		233,932.44	233,932.44	17,544.93		251,477.37	
1/15/2030	1,335,867.00	233,932.44	1,569,799.44	17,544.93		1,587,344.37	1,838,821.75
7/15/2030		220,573.77	220,573.77	16,543.03		237,116.80	
1/15/2031	1,364,900.00	220,573.77	1,585,473.77	16,543.03		1,602,016.80	1,839,133.61
7/15/2031		206,924.77	206,924.77	15,519.36		222,444.13	
1/15/2032	1,394,564.00	206,924.77	1,601,488.77	15,519.36		1,617,008.13	1,839,452.26
7/15/2032		192,979.13	192,979.13	14,473.43		207,452.56	
1/15/2033	1,424,873.00	192,979.13	1,617,852.13	14,473.43		1,632,325.56	1,839,778.13
7/15/2033		178,730.40	178,730.40	13,404.78		192,135.18	
1/15/2034	1,455,841.00	178,730.40	1,634,571.40	13,404.78		1,647,976.18	1,840,111.36
7/15/2034		164,171.99	164,171.99	12,312.90		176,484.89	
1/15/2035	1,487,482.00	164,171.99	1,651,653.99	12,312.90		1,663,966.89	1,840,451.78
7/15/2035		149,297.17	149,297.17	11,197.29		160,494.46	
1/15/2036	1,519,810.00	149,297.17	1,669,107.17	11,197.29		1,680,304.46	1,840,798.92
7/15/2036		134,099.07	134,099.07	10,057.43		144,156.50	
1/15/2037	1,552,841.00	134,099.07	1,686,940.07	10,057.43		1,696,997.50	1,841,154.00
7/15/2037		118,570.66	118,570.66	8,892.80		127,463.46	
1/15/2038	1,586,590.00	118,570.66	1,705,160.66	8,892.80		1,714,053.46	1,841,516.92
7/15/2038		102,704.76	102,704.76	7,702.86		110,407.62	
1/15/2039	1,621,072.00	102,704.76	1,723,776.76	7,702.86		1,731,479.62	1,841,887.23
7/15/2039		86,494.04	86,494.04	6,487.05		92,981.09	
1/15/2040	1,656,304.00	86,494.04	1,742,798.04	6,487.05		1,749,285.09	1,842,266.19
7/15/2040		69,931.00	69,931.00	5,244.83		75,175.83	
1/15/2041	1,692,301.00	69,931.00	1,762,232.00	5,244.83		1,767,476.83	1,842,652.65
7/15/2041		53,007.99	53,007.99	3,975.60		56,983.59	
1/15/2042	1,729,081.00	53,007.99	1,782,088.99	3,975.60		1,786,064.59	1,843,048.18
7/15/2042		35,717.18	35,717.18	2,678.79		38,395.97	
1/15/2043	1,766,661.00	35,717.18	1,802,378.18	2,678.79		1,805,056.97	1,843,452.94
7/15/2043		18,050.57	18,050.57	1,353.79		19,404.36	
1/15/2044	1,805,057.00	18,050.57	1,823,107.57	1,353.79		1,824,461.36	1,843,865.73
7/15/2044							
	29,658,241.00	6,739,955.82	36,398,196.82	505,496.69		36,903,693.51	36,903,693.51

Notes:

*This project qualifies for loan forgiveness in accordance with Schedule B to the Financing Agreement

Prepared by PFM Financial Advisors LLC

Massachusetts Clean Water Trust
Series 25
MWRA Loan Amortization
DW-21-28

Loan Amount Approved	9,872,250.00	Loan Origination Fee ($0.00/1000)	0.00
Loan Forgiveness*	987,225.00	Loan Term (in years)	20
		Loan Rate	2.00%
Amount to be Financed	8,885,025.00	Closing Date	11/21/2023
		First Interest Payment	7/15/2024
		First Principal Payment	1/15/2025

Date	Principal	Interest	Total Payments	Admin Fee (0.15%)	Loan Origination Fee	Total Payments	Total Annual Payments
11/21/2023							
7/15/2024		115,505.33	115,505.33	8,662.90		124,168.22	
1/15/2025	359,408.00	88,850.25	448,258.25	6,663.77		454,922.02	579,090.24
7/15/2025		85,256.17	85,256.17	6,394.21		91,650.38	
1/15/2026	367,220.00	85,256.17	452,476.17	6,394.21		458,870.38	550,520.77
7/15/2026		81,583.97	81,583.97	6,118.80		87,702.77	
1/15/2027	375,201.00	81,583.97	456,784.97	6,118.80		462,903.77	550,606.54
7/15/2027		77,831.96	77,831.96	5,837.40		83,669.36	
1/15/2028	383,355.00	77,831.96	461,186.96	5,837.40		467,024.36	550,693.71
7/15/2028		73,998.41	73,998.41	5,549.88		79,548.29	
1/15/2029	391,687.00	73,998.41	465,685.41	5,549.88		471,235.29	550,783.58
7/15/2029		70,081.54	70,081.54	5,256.12		75,337.66	
1/15/2030	400,199.00	70,081.54	470,280.54	5,256.12		475,536.66	550,874.31
7/15/2030		66,079.55	66,079.55	4,955.97		71,035.52	
1/15/2031	408,897.00	66,079.55	474,976.55	4,955.97		479,932.52	550,968.03
7/15/2031		61,990.58	61,990.58	4,649.29		66,639.87	
1/15/2032	417,784.00	61,990.58	479,774.58	4,649.29		484,423.87	551,063.75
7/15/2032		57,812.74	57,812.74	4,335.96		62,148.70	
1/15/2033	426,864.00	57,812.74	484,676.74	4,335.96		489,012.70	551,161.39
7/15/2033		53,544.10	53,544.10	4,015.81		57,559.91	
1/15/2034	436,141.00	53,544.10	489,685.10	4,015.81		493,700.91	551,260.82
7/15/2034		49,182.69	49,182.69	3,688.70		52,871.39	
1/15/2035	445,620.00	49,182.69	494,802.69	3,688.70		498,491.39	551,362.78
7/15/2035		44,726.49	44,726.49	3,354.49		48,080.98	
1/15/2036	455,305.00	44,726.49	500,031.49	3,354.49		503,385.98	551,466.95
7/15/2036		40,173.44	40,173.44	3,013.01		43,186.45	
1/15/2037	465,201.00	40,173.44	505,374.44	3,013.01		508,387.45	551,573.90
7/15/2037		35,521.43	35,521.43	2,664.11		38,185.54	
1/15/2038	475,311.00	35,521.43	510,832.43	2,664.11		513,496.54	551,682.07
7/15/2038		30,768.32	30,768.32	2,307.62		33,075.94	
1/15/2039	485,641.00	30,768.32	516,409.32	2,307.62		518,716.94	551,792.89
7/15/2039		25,911.91	25,911.91	1,943.39		27,855.30	
1/15/2040	496,196.00	25,911.91	522,107.91	1,943.39		524,051.30	551,906.61
7/15/2040		20,949.95	20,949.95	1,571.25		22,521.20	
1/15/2041	506,980.00	20,949.95	527,929.95	1,571.25		529,501.20	552,022.39
7/15/2041		15,880.15	15,880.15	1,191.01		17,071.16	
1/15/2042	517,999.00	15,880.15	533,879.15	1,191.01		535,070.16	552,141.32
7/15/2042		10,700.16	10,700.16	802.51		11,502.67	
1/15/2043	529,257.00	10,700.16	539,957.16	802.51		540,759.67	552,262.34
7/15/2043		5,407.59	5,407.59	405.57		5,813.16	
1/15/2044	540,759.00	5,407.59	546,166.59	405.57		546,572.16	552,385.32
7/15/2044							
	8,885,025.00	2,019,157.88	10,904,182.88	151,436.84		11,055,619.72	11,055,619.72

Notes:

*This project qualifies for loan forgiveness in accordance with Schedule B to the Financing Agreement