

Massachusetts Water Pollution Abatement Trust  
Pool 18 Swap  
BOSTON Reamortization  
CWP-14-02

Original Loan Amount	15,777,800.00	Loan Origination Fee (\$7.5/1000)	0.00
Principal Forgiveness	412,532.00	Loan Term (in years)	18
Principal Paid Down	1,256,590.00	Loan Rate	2.00%
Outstanding Loan Obligation	14,108,678.00	Closing Date	2/21/2018
Remaining Balance	(384,185.60)	First Payment	7/15/2018
Net New Loan Obligation	13,724,492.40		

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
2/21/2018							
7/15/2018		138,013.30	138,013.30	10,351.00		148,364.29	
1/15/2019	631,182.50	137,244.92	768,427.43	10,293.37		778,720.80	927,085.09
7/15/2019		130,933.10	130,933.10	9,819.98		140,753.08	
1/15/2020	644,900.50	130,933.10	775,833.60	9,819.98		785,653.59	926,406.67
7/15/2020		124,484.09	124,484.09	9,336.31		133,820.40	
1/15/2021	658,916.16	124,484.09	783,400.25	9,336.31		792,736.56	926,556.96
7/15/2021		117,894.93	117,894.93	8,842.12		126,737.05	
1/15/2022	673,237.28	117,894.93	791,132.22	8,842.12		799,974.34	926,711.39
7/15/2022		111,162.56	111,162.56	8,337.19		119,499.75	
1/15/2023	687,868.70	111,162.56	799,031.26	8,337.19		807,368.45	926,868.20
7/15/2023		104,283.87	104,283.87	7,821.29		112,105.16	
1/15/2024	702,818.21	104,283.87	807,102.08	7,821.29		814,923.37	927,028.54
7/15/2024		97,255.69	97,255.69	7,294.18		104,549.87	
1/15/2025	718,093.63	97,255.69	815,349.32	7,294.18		822,643.49	927,193.36
7/15/2025		90,074.75	90,074.75	6,755.61		96,830.36	
1/15/2026	733,699.75	90,074.75	823,774.51	6,755.61		830,530.11	927,360.47
7/15/2026		82,737.76	82,737.76	6,205.33		88,943.09	
1/15/2027	749,646.38	82,737.76	832,384.14	6,205.33		838,589.47	927,532.56
7/15/2027		75,241.29	75,241.29	5,643.10		80,884.39	
1/15/2028	765,938.31	75,241.29	841,179.60	5,643.10		846,822.70	927,707.09
7/15/2028		67,581.91	67,581.91	5,068.64		72,650.55	
1/15/2029	782,585.32	67,581.91	850,167.23	5,068.64		855,235.88	927,886.43
7/15/2029		59,756.06	59,756.06	4,481.70		64,237.76	
1/15/2030	799,594.21	59,756.06	859,350.27	4,481.70		863,831.97	928,069.73
7/15/2030		51,760.11	51,760.11	3,882.01		55,642.12	
1/15/2031	816,971.75	51,760.11	868,731.87	3,882.01		872,613.88	928,256.00
7/15/2031		43,590.40	43,590.40	3,269.28		46,859.68	
1/15/2032	834,727.72	43,590.40	878,318.12	3,269.28		881,587.40	928,447.07
7/15/2032		35,243.12	35,243.12	2,643.23		37,886.35	
1/15/2033	852,868.89	35,243.12	888,112.01	2,643.23		890,755.24	928,641.59
7/15/2033		26,714.43	26,714.43	2,003.58		28,718.01	
1/15/2034	871,405.02	26,714.43	898,119.45	2,003.58		900,123.03	928,841.04
7/15/2034		18,000.38	18,000.38	1,350.03		19,350.41	
1/15/2035	890,343.87	18,000.38	908,344.25	1,350.03		909,694.28	929,044.69
7/15/2035		9,096.94	9,096.94	682.27		9,779.21	
1/15/2036	909,694.20	9,096.94	918,791.14	682.27		919,473.41	929,252.62
7/15/2036							
	13,724,492.40	2,766,881.02	16,491,373.42	207,516.08		16,698,889.50	16,698,889.50

## 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.

Massachusetts Clean Water Trust  
 Series 19  
 Boston Loan Amortization  
 CWP-14-02

SWAP

Initial Loan Amount	15,777,800.00	Loan Origination Fee (\$5.50/1000)	84,508.97
Principal Forgiveness	412,532.00	Loan Term (in years)	20
Net Loan Obligation	15,365,268.00	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		131,458.40	131,458.40	9,859.38	84,508.97	225,826.76	
1/15/2017	621,541.00	153,652.68	775,193.68	11,523.95		786,717.63	1,012,543.39
7/15/2017		147,437.27	147,437.27	11,057.80		158,495.07	
1/15/2018	635,049.00	147,437.27	782,486.27	11,057.80		793,544.07	952,039.13
7/15/2018		141,086.78	141,086.78	10,581.51		151,668.29	
1/15/2019	648,851.00	141,086.78	789,937.78	10,581.51		800,519.29	952,187.58
7/15/2019		134,598.27	134,598.27	10,094.87		144,693.14	
1/15/2020	662,953.00	134,598.27	797,551.27	10,094.87		807,646.14	952,339.28
7/15/2020		127,968.74	127,968.74	9,597.66		137,566.40	
1/15/2021	677,361.00	127,968.74	805,329.74	9,597.66		814,927.40	952,493.79
7/15/2021		121,195.13	121,195.13	9,089.63		130,284.76	
1/15/2022	692,083.00	121,195.13	813,278.13	9,089.63		822,367.76	952,652.53
7/15/2022		114,274.30	114,274.30	8,570.57		122,844.87	
1/15/2023	707,124.00	114,274.30	821,398.30	8,570.57		829,968.87	952,813.75
7/15/2023		107,203.06	107,203.06	8,040.23		115,243.29	
1/15/2024	722,492.00	107,203.06	829,695.06	8,040.23		837,735.29	952,978.58
7/15/2024		99,978.14	99,978.14	7,498.36		107,476.50	
1/15/2025	738,195.00	99,978.14	838,173.14	7,498.36		845,671.50	953,148.00
7/15/2025		92,596.19	92,596.19	6,944.71		99,540.90	
1/15/2026	754,238.00	92,596.19	846,834.19	6,944.71		853,778.90	953,319.81
7/15/2026		85,053.81	85,053.81	6,379.04		91,432.85	
1/15/2027	770,631.00	85,053.81	855,684.81	6,379.04		862,063.85	953,496.69
7/15/2027		77,347.50	77,347.50	5,801.06		83,148.56	
1/15/2028	787,379.00	77,347.50	864,726.50	5,801.06		870,527.56	953,676.13
7/15/2028		69,473.71	69,473.71	5,210.53		74,684.24	
1/15/2029	804,492.00	69,473.71	873,965.71	5,210.53		879,176.24	953,860.48
7/15/2029		61,428.79	61,428.79	4,607.16		66,035.95	
1/15/2030	821,977.00	61,428.79	883,405.79	4,607.16		888,012.95	954,048.90
7/15/2030		53,209.02	53,209.02	3,990.68		57,199.70	
1/15/2031	839,841.00	53,209.02	893,050.02	3,990.68		897,040.70	954,240.39
7/15/2031		44,810.61	44,810.61	3,360.80		48,171.41	
1/15/2032	858,094.00	44,810.61	902,904.61	3,360.80		906,265.41	954,436.81
7/15/2032		36,229.67	36,229.67	2,717.23		38,946.90	
1/15/2033	876,743.00	36,229.67	912,972.67	2,717.23		915,689.90	954,636.79
7/15/2033		27,462.24	27,462.24	2,059.67		29,521.91	
1/15/2034	895,798.00	27,462.24	923,260.24	2,059.67		925,319.91	954,841.82
7/15/2034		18,504.26	18,504.26	1,387.82		19,892.08	
1/15/2035	915,267.00	18,504.26	933,771.26	1,387.82		935,159.08	955,051.16
7/15/2035		9,351.59	9,351.59	701.37		10,052.96	
1/15/2036	935,159.00	9,351.59	944,510.59	701.37		945,211.96	955,264.92
7/15/2036							
	15,365,268.00	3,423,529.24	18,788,797.24	256,764.69	84,508.97	19,130,070.91	19,130,069.91

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.

Massachusetts Water Pollution Abatement Trust  
 Water Pollution Abatement Revenue Bonds  
 (Pool Loan Program Bonds)  
 Series 5  
 Boston  
 98-98  
 Final Loan Structuring Analysis

AMENDED SCHEDULE C

G.E. 50.00%

Schedule of Loan Repayments

Initial Loan Obligation: 3,966,430.00

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	93,806.32	93,806.32	52,815.00	0.00	52,815.00	0.00	40,991.32	40,991.32
01-Aug-05	216,906.00	97,741.47	314,647.47	52,815.00	94,902.65	147,717.65	166,929.82	0.00	166,929.82
01-Feb-06	0.00	103,053.45	103,053.45	49,926.79	4,539.04	54,465.83	0.00	48,587.62	48,587.62
01-Aug-06	222,107.00	88,496.70	310,603.70	49,926.79	94,357.36	144,284.15	166,319.55	0.00	166,319.55
01-Feb-07	0.00	100,496.93	100,496.93	46,969.32	4,539.04	51,508.36	0.00	48,988.57	48,988.57
01-Aug-07	228,277.00	85,062.71	313,339.71	46,969.32	97,232.53	144,201.86	169,137.85	0.00	169,137.85
01-Feb-08	0.00	97,858.69	97,858.69	43,929.70	4,539.04	48,468.74	0.00	49,389.95	49,389.95
01-Aug-08	234,084.00	69,904.54	303,988.54	43,929.70	94,374.15	138,303.84	165,684.70	0.00	165,684.70
01-Feb-09	0.00	95,689.80	95,689.80	40,812.75	4,539.04	45,351.79	0.00	50,338.01	50,338.01
01-Aug-09	240,056.00	66,578.41	306,634.41	40,812.75	97,462.10	138,274.86	168,359.55	0.00	168,359.55
01-Feb-10	0.00	93,272.37	93,272.37	37,616.29	4,539.04	42,155.33	0.00	51,117.04	51,117.04
01-Aug-10	245,000.00	41,528.59	286,528.59	37,616.29	87,549.38	125,165.67	161,362.92	0.00	161,362.92
01-Feb-11	0.00	86,070.27	86,070.27	34,353.99	4,539.04	38,893.03	0.00	47,177.24	47,177.24
01-Aug-11	255,000.00	40,791.11	295,791.11	34,353.99	92,092.40	126,446.39	169,344.72	0.00	169,344.72
01-Feb-12	0.00	82,915.67	82,915.67	30,958.54	4,539.04	35,497.58	0.00	47,418.09	47,418.09
01-Aug-12	260,000.00	45,660.31	305,660.31	30,958.54	94,814.24	125,772.78	179,887.53	0.00	179,887.53
01-Feb-13	0.00	69,487.02	69,487.02	27,496.51	4,539.04	32,035.55	0.00	37,451.47	37,451.47
01-Aug-13	270,000.00	41,120.20	311,120.20	27,496.51	97,076.97	124,573.48	186,546.73	0.00	186,546.73
01-Feb-14	0.00	63,977.58	63,977.58	23,901.32	4,539.04	28,440.36	0.00	35,537.22	35,537.22
01-Aug-14	275,000.00	36,717.21	311,717.21	23,901.32	94,840.69	118,742.01	192,975.20	0.00	192,975.20
01-Feb-15	0.00	48,920.51	48,920.51	20,239.56	4,539.04	24,778.60	0.00	24,141.91	24,141.91
01-Aug-15	285,000.00	32,107.68	317,107.68	20,239.56	94,723.90	114,963.46	202,144.22	0.00	202,144.22
01-Feb-16	0.00	38,252.70	38,252.70	16,444.64	4,539.04	20,983.68	0.00	17,269.02	17,269.02
01-Aug-16	295,000.00	27,916.67	322,916.67	16,444.64	95,039.28	111,483.92	211,432.75	0.00	211,432.75
01-Feb-17	0.00	27,111.98	27,111.98	12,516.57	4,539.04	17,055.61	0.00	10,056.37	10,056.37
01-Aug-17	305,000.00	22,535.40	327,535.40	12,516.57	96,345.78	108,862.35	218,673.05	0.00	218,673.05
01-Feb-18	0.00	15,482.16	15,482.16	8,455.34	3,352.00	11,807.34	0.00	3,674.82	3,674.82
01-Aug-18	315,000.00	17,216.56	332,216.56	8,455.34	99,223.01	107,678.35	224,538.21	0.00	224,538.21
01-Feb-19	0.00	6,495.45	6,495.45	4,260.96	2,234.49	6,495.45	0.00	0.00	0.00
01-Aug-19	320,000.00	8,800.00	328,800.00	4,260.96	98,390.58	102,651.54	226,148.46	0.00	226,148.46
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
	\$3,966,430.00	\$1,745,068.45	\$5,711,498.45	\$901,394.56	\$1,488,479.99	\$2,389,874.55	\$2,809,485.25	\$512,138.65	\$3,321,623.90

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

Boston
98-98

Final Loan Structuring Analysis

Administrative Fee Schedule

Date	Principal Outstanding	Administrative Fee Payable @ 0.075000%
06-Oct-1999		
01-Feb-2000	4,995,310.00	2,393.59
01-Aug-2000	4,995,310.00	3,746.48
01-Feb-2001	4,796,055.00	3,597.04
01-Aug-2001	4,796,055.00	3,597.04
01-Feb-2002	4,593,678.00	3,445.26
01-Aug-2002	4,593,678.00	3,445.26
01-Feb-2003	4,388,162.00	3,291.12
01-Aug-2003	4,388,162.00	3,291.12
01-Feb-2004	4,179,196.00	3,134.40
01-Aug-2004	4,179,196.00	3,134.40
01-Feb-2005	3,966,430.00	2,974.82
01-Aug-2005	3,966,430.00	2,974.82
01-Feb-2006	3,749,524.00	2,812.14
01-Aug-2006	3,749,524.00	2,812.14
01-Feb-2007	3,527,417.00	2,645.56
01-Aug-2007	3,527,417.00	2,645.56
01-Feb-2008	3,299,140.00	2,474.36
01-Aug-2008	3,299,140.00	2,474.36
01-Feb-2009	3,065,056.00	2,298.79
01-Aug-2009	3,065,056.00	2,298.79
01-Feb-2010	2,825,000.00	2,118.75
01-Aug-2010	2,825,000.00	2,118.75
01-Feb-2011	2,580,000.00	1,935.00
01-Aug-2011	2,580,000.00	1,935.00
01-Feb-2012	2,325,000.00	1,743.75
01-Aug-2012	2,325,000.00	1,743.75
01-Feb-2013	2,065,000.00	1,548.75
01-Aug-2013	2,065,000.00	1,548.75
01-Feb-2014	1,795,000.00	1,346.25
01-Aug-2014	1,795,000.00	1,346.25
01-Feb-2015	1,520,000.00	1,140.00
01-Aug-2015	1,520,000.00	1,140.00
01-Feb-2016	1,235,000.00	926.25
01-Aug-2016	1,235,000.00	926.25
01-Feb-2017	940,000.00	705.00
01-Aug-2017	940,000.00	705.00
01-Feb-2018	635,000.00	476.25
01-Aug-2018	635,000.00	476.25
01-Feb-2019	320,000.00	240.00
01-Aug-2019	320,000.00	240.00
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
		<u>\$83,847.05</u>

Massachusetts Water Pollution Abatement Trust  
 Water Pollution Abatement Revenue Bonds  
 (Pool Loan Program Bonds)  
 Series 5  
 Boston  
 99-04  
 Final Loan Structuring Analysis

AMENDED SCHEDULE C

G.E. 50.00%

Schedule of Loan Repayments

Initial Loan Obligation: 1,888,330.00

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	44,687.05	44,687.05	25,144.06	0.00	25,144.06	0.00	19,543.00	19,543.00
01-Aug-05	103,232.00	46,527.37	149,759.37	25,144.06	45,211.06	70,355.12	79,404.25	0.00	79,404.25
01-Feb-06	0.00	49,054.63	49,054.63	23,769.47	2,127.67	25,897.14	0.00	23,157.49	23,157.49
01-Aug-06	105,715.00	42,127.88	147,842.88	23,769.47	44,951.58	68,721.06	79,121.82	0.00	79,121.82
01-Feb-07	0.00	47,837.43	47,837.43	22,361.82	2,127.67	24,489.49	0.00	23,347.93	23,347.93
01-Aug-07	108,661.00	40,493.13	149,154.13	22,361.82	46,319.72	68,681.54	80,472.59	0.00	80,472.59
01-Feb-08	0.00	46,581.08	46,581.08	20,914.95	2,127.67	23,042.62	0.00	23,538.46	23,538.46
01-Aug-08	111,434.00	33,279.24	144,713.24	20,914.95	44,959.57	65,874.52	78,838.72	0.00	78,838.72
01-Feb-09	0.00	45,547.90	45,547.90	19,431.15	2,127.67	21,558.82	0.00	23,989.08	23,989.08
01-Aug-09	114,288.00	31,695.40	145,983.40	19,431.15	46,428.96	65,860.11	80,123.29	0.00	80,123.29
01-Feb-10	0.00	44,396.04	44,396.04	17,909.35	2,127.67	20,037.02	0.00	24,359.02	24,359.02
01-Aug-10	120,000.00	19,486.88	139,486.88	17,909.35	41,625.98	59,535.33	79,951.55	0.00	79,951.55
01-Feb-11	0.00	40,998.55	40,998.55	16,311.49	2,127.67	18,439.16	0.00	22,559.39	22,559.39
01-Aug-11	120,000.00	19,451.80	139,451.80	16,311.49	43,897.17	60,208.65	79,243.15	0.00	79,243.15
01-Feb-12	0.00	39,350.99	39,350.99	14,713.63	2,127.67	16,841.30	0.00	22,509.70	22,509.70
01-Aug-12	125,000.00	21,632.11	146,632.11	14,713.63	45,158.00	59,871.63	86,760.48	0.00	86,760.48
01-Feb-13	0.00	33,029.86	33,029.86	13,049.19	2,127.67	15,176.86	0.00	17,853.00	17,853.00
01-Aug-13	130,000.00	19,436.75	149,436.75	13,049.19	46,241.04	59,290.23	90,146.52	0.00	90,146.52
01-Feb-14	0.00	30,378.79	30,378.79	11,318.18	2,127.67	13,445.85	0.00	16,932.95	16,932.95
01-Aug-14	130,000.00	17,396.86	147,396.86	11,318.18	45,191.82	56,510.00	90,886.86	0.00	90,886.86
01-Feb-15	0.00	23,170.24	23,170.24	9,587.16	2,127.67	11,714.83	0.00	11,455.41	11,455.41
01-Aug-15	135,000.00	15,210.77	150,210.77	9,587.16	45,133.88	54,721.04	95,489.73	0.00	95,489.73
01-Feb-16	0.00	18,121.71	18,121.71	7,789.57	2,127.67	9,917.24	0.00	8,204.47	8,204.47
01-Aug-16	140,000.00	13,220.46	153,220.46	7,789.57	45,280.89	53,070.46	100,150.00	0.00	100,150.00
01-Feb-17	0.00	12,837.28	12,837.28	5,925.40	2,127.67	8,053.07	0.00	4,784.21	4,784.21
01-Aug-17	145,000.00	10,662.65	155,662.65	5,925.40	45,898.97	51,824.37	103,838.28	0.00	103,838.28
01-Feb-18	0.00	7,315.69	7,315.69	3,994.65	1,566.76	5,561.41	0.00	1,754.27	1,754.27
01-Aug-18	150,000.00	8,133.01	158,133.01	3,994.65	47,258.65	51,253.30	106,879.71	0.00	106,879.71
01-Feb-19	0.00	3,044.74	3,044.74	1,997.33	1,047.42	3,044.74	0.00	0.00	0.00
01-Aug-19	150,000.00	4,125.00	154,125.00	1,997.33	46,870.77	48,868.10	105,256.91	0.00	105,256.91
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
	\$1,888,330.00	\$829,231.28	\$2,717,561.28	\$428,434.76	\$708,574.29	\$1,137,009.06	\$1,336,563.85	\$243,988.38	\$1,580,552.23

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

Series 5

Boston

99-04

Final Loan Structuring Analysis

Administrative Fee Schedule

<u>Date</u>	<u>Principal Outstanding</u>	<u>Administrative Fee Payable @ 0.075000%</u>
06-Oct-1999		
01-Feb-2000	2,377,916.00	1,139.42
01-Aug-2000	2,377,916.00	1,783.44
01-Feb-2001	2,283,112.00	1,712.33
01-Aug-2001	2,283,112.00	1,712.33
01-Feb-2002	2,186,818.00	1,640.11
01-Aug-2002	2,186,818.00	1,640.11
01-Feb-2003	2,089,025.00	1,566.77
01-Aug-2003	2,089,025.00	1,566.77
01-Feb-2004	1,989,585.00	1,492.19
01-Aug-2004	1,989,585.00	1,492.19
01-Feb-2005	1,888,330.00	1,416.25
01-Aug-2005	1,888,330.00	1,416.25
01-Feb-2006	1,785,098.00	1,338.82
01-Aug-2006	1,785,098.00	1,338.82
01-Feb-2007	1,679,383.00	1,259.54
01-Aug-2007	1,679,383.00	1,259.54
01-Feb-2008	1,570,722.00	1,178.04
01-Aug-2008	1,570,722.00	1,178.04
01-Feb-2009	1,459,288.00	1,094.47
01-Aug-2009	1,459,288.00	1,094.47
01-Feb-2010	1,345,000.00	1,008.75
01-Aug-2010	1,345,000.00	1,008.75
01-Feb-2011	1,225,000.00	918.75
01-Aug-2011	1,225,000.00	918.75
01-Feb-2012	1,105,000.00	828.75
01-Aug-2012	1,105,000.00	828.75
01-Feb-2013	980,000.00	735.00
01-Aug-2013	980,000.00	735.00
01-Feb-2014	850,000.00	637.50
01-Aug-2014	850,000.00	637.50
01-Feb-2015	720,000.00	540.00
01-Aug-2015	720,000.00	540.00
01-Feb-2016	585,000.00	438.75
01-Aug-2016	585,000.00	438.75
01-Feb-2017	445,000.00	333.75
01-Aug-2017	445,000.00	333.75
01-Feb-2018	300,000.00	225.00
01-Aug-2018	300,000.00	225.00
01-Feb-2019	150,000.00	112.50
01-Aug-2019	150,000.00	112.50
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
		<u>\$39,877.40</u>

Massachusetts Water Pollution Abatement Trust  
 Water Pollution Abatement Revenue Bonds  
 (Pool Loan Program Bonds)  
 Series 5  
 Boston  
 98-38  
 Final Loan Structuring Analysis

AMENDED SCHEDULE C

G.E. 50.00%

Schedule of Loan Repayments

Initial Loan Obligation: 4,780,786.00

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	113,067.14	113,067.14	63,658.56	0.00	63,658.56	0.00	49,408.58
01-Aug-05	261,454.00	117,800.36	379,254.36	63,658.56	114,297.28	177,955.83	201,298.53	0.00	201,298.53
01-Feb-06	0.00	124,201.55	124,201.55	60,177.17	5,461.03	65,638.20	0.00	58,563.36	58,563.36
01-Aug-06	267,717.00	106,657.65	374,374.65	60,177.17	113,640.08	173,817.25	200,557.40	0.00	200,557.40
01-Feb-07	0.00	121,119.59	121,119.59	56,612.38	5,461.03	62,073.41	0.00	59,046.18	59,046.18
01-Aug-07	275,148.00	102,518.15	377,666.15	56,612.38	117,105.27	173,717.64	203,948.50	0.00	203,948.50
01-Feb-08	0.00	117,939.25	117,939.25	52,948.65	5,461.03	58,409.68	0.00	59,529.58	59,529.58
01-Aug-08	282,142.00	84,248.71	366,390.71	52,948.65	113,660.31	166,608.96	199,781.75	0.00	199,781.75
01-Feb-09	0.00	115,324.75	115,324.75	49,191.78	5,461.03	54,652.81	0.00	60,671.94	60,671.94
01-Aug-09	289,325.00	80,239.48	369,564.48	49,191.78	117,381.94	166,573.73	202,990.75	0.00	202,990.75
01-Feb-10	0.00	112,411.05	112,411.05	45,339.28	5,461.03	50,800.31	0.00	61,610.74	61,610.74
01-Aug-10	295,000.00	50,072.23	345,072.23	45,339.28	105,442.00	150,781.28	194,290.95	0.00	194,290.95
01-Feb-11	0.00	103,728.63	103,728.63	41,411.21	5,461.03	46,872.24	0.00	56,856.40	56,856.40
01-Aug-11	305,000.00	49,344.67	354,344.67	41,411.21	110,946.66	152,357.87	201,986.81	0.00	201,986.81
01-Feb-12	0.00	99,893.63	99,893.63	37,349.98	5,461.03	42,811.01	0.00	57,082.62	57,082.62
01-Aug-12	315,000.00	55,011.33	370,011.33	37,349.98	114,174.44	151,524.42	218,486.91	0.00	218,486.91
01-Feb-13	0.00	83,823.16	83,823.16	33,155.60	5,461.03	38,616.63	0.00	45,206.54	45,206.54
01-Aug-13	325,000.00	49,596.26	374,596.26	33,155.60	116,918.99	150,074.59	224,521.68	0.00	224,521.68
01-Feb-14	0.00	77,127.32	77,127.32	28,828.06	5,461.03	34,289.09	0.00	42,838.23	42,838.23
01-Aug-14	340,000.00	43,978.42	383,978.42	28,828.06	114,141.39	142,969.45	241,008.97	0.00	241,008.97
01-Feb-15	0.00	58,902.46	58,902.46	24,300.79	5,461.03	29,761.82	0.00	29,140.64	29,140.64
01-Aug-15	345,000.00	38,463.58	383,463.58	24,300.79	114,070.97	138,371.76	245,091.83	0.00	245,091.83
01-Feb-16	0.00	45,870.20	45,870.20	19,706.94	5,461.03	25,167.97	0.00	20,702.23	20,702.23
01-Aug-16	355,000.00	33,424.23	388,424.23	19,706.94	114,471.46	134,178.40	254,245.84	0.00	254,245.84
01-Feb-17	0.00	32,448.03	32,448.03	14,979.94	5,461.03	20,440.97	0.00	12,007.06	12,007.06
01-Aug-17	365,000.00	26,968.39	391,968.39	14,979.94	116,053.89	131,033.83	260,934.56	0.00	260,934.56
01-Feb-18	0.00	18,527.65	18,527.65	10,119.78	4,040.48	14,160.26	0.00	4,367.39	4,367.39
01-Aug-18	375,000.00	20,607.00	395,607.00	10,119.78	119,506.41	129,626.19	265,980.81	0.00	265,980.81
01-Feb-19	0.00	7,814.84	7,814.84	5,126.47	2,688.37	7,814.84	0.00	0.00	0.00
01-Aug-19	385,000.00	10,587.50	395,587.50	5,126.47	118,500.95	123,627.42	271,960.08	0.00	271,960.08
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
	\$4,780,786.00	\$2,101,717.21	\$6,882,503.21	\$1,085,813.12	\$1,792,573.25	\$2,878,386.37	\$3,387,085.36	\$617,031.48	\$4,004,116.84

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

Boston  
 98-38

Final Loan Structuring Analysis

Administrative Fee Schedule

<u>Date</u>	<u>Principal Outstanding</u>	<u>Administrative Fee Payable @ 0.075000%</u>
06-Oct-1999		
01-Feb-2000	6,016,031.00	2,882.68
01-Aug-2000	6,016,031.00	4,512.02
01-Feb-2001	5,780,835.00	4,335.63
01-Aug-2001	5,780,835.00	4,335.63
01-Feb-2002	5,536,880.00	4,152.66
01-Aug-2002	5,536,880.00	4,152.66
01-Feb-2003	5,289,144.00	3,966.86
01-Aug-2003	5,289,144.00	3,966.86
01-Feb-2004	5,037,253.00	3,777.94
01-Aug-2004	5,037,253.00	3,777.94
01-Feb-2005	4,780,786.00	3,585.59
01-Aug-2005	4,780,786.00	3,585.59
01-Feb-2006	4,519,332.00	3,389.50
01-Aug-2006	4,519,332.00	3,389.50
01-Feb-2007	4,251,615.00	3,188.71
01-Aug-2007	4,251,615.00	3,188.71
01-Feb-2008	3,976,467.00	2,982.35
01-Aug-2008	3,976,467.00	2,982.35
01-Feb-2009	3,694,325.00	2,770.74
01-Aug-2009	3,694,325.00	2,770.74
01-Feb-2010	3,405,000.00	2,553.75
01-Aug-2010	3,405,000.00	2,553.75
01-Feb-2011	3,110,000.00	2,332.50
01-Aug-2011	3,110,000.00	2,332.50
01-Feb-2012	2,805,000.00	2,103.75
01-Aug-2012	2,805,000.00	2,103.75
01-Feb-2013	2,490,000.00	1,867.50
01-Aug-2013	2,490,000.00	1,867.50
01-Feb-2014	2,165,000.00	1,623.75
01-Aug-2014	2,165,000.00	1,623.75
01-Feb-2015	1,825,000.00	1,368.75
01-Aug-2015	1,825,000.00	1,368.75
01-Feb-2016	1,480,000.00	1,110.00
01-Aug-2016	1,480,000.00	1,110.00
01-Feb-2017	1,125,000.00	843.75
01-Aug-2017	1,125,000.00	843.75
01-Feb-2018	760,000.00	570.00
01-Aug-2018	760,000.00	570.00
01-Feb-2019	385,000.00	288.75
01-Aug-2019	385,000.00	288.75
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
		<u>\$101,019.66</u>