Prepared by PFM Financial Advisors LLC

Massachusetts Water Clean Water Trust
Series 24 Swap
TYNGSBOROUGH Reamortization
CWP-20-11

		Loan Origination Fee ($0.00/1000)	0.00
Original Loan Amount	466,057.00	Loan Term (in years)	20
Loan Forgiveness	(15,380.00)	Loan Rate	1.50%
Unused Principal Amount	(2,592.00)	Closing Date	12/14/2022
Net New Loan Obligation	448,085.00	Reamortization Date	12/13/2024
		First Interest	7/15/2023
		First Principal	1/15/2024

Date	Principal	Interest	Total Payments	Admin Fee (0.15%)	Loan Origination Fee	Total Payments	Total Annual Payments
12/14/2022							
7/15/2023		3,962.20	3,962.20	396.22		4,358.42	
1/15/2024	19,177.00	3,380.08	22,557.08	338.01		22,895.09	27,253.51
7/15/2024		3,236.25	3,236.25	323.63		3,559.88	
1/15/2025	19,379.88	3,232.79	22,612.68	323.28		22,935.96	26,495.83
7/15/2025		3,071.46	3,071.46	307.15		3,378.61	
1/15/2026	19,701.94	3,071.46	22,773.40	307.15		23,080.54	26,459.15
7/15/2026		2,923.70	2,923.70	292.37		3,216.07	
1/15/2027	20,029.95	2,923.70	22,953.65	292.37		23,246.02	26,462.09
7/15/2027		2,773.47	2,773.47	277.35		3,050.82	
1/15/2028	20,362.94	2,773.47	23,136.41	277.35		23,413.76	26,464.58
7/15/2028		2,620.75	2,620.75	262.07		2,882.82	
1/15/2029	20,701.89	2,620.75	23,322.64	262.07		23,584.72	26,467.54
7/15/2029		2,465.49	2,465.49	246.55		2,712.03	
1/15/2030	21,045.81	2,465.49	23,511.30	246.55		23,757.85	26,469.88
7/15/2030		2,307.64	2,307.64	230.76		2,538.41	
1/15/2031	21,396.70	2,307.64	23,704.34	230.76		23,935.10	26,473.51
7/15/2031		2,147.17	2,147.17	214.72		2,361.88	
1/15/2032	21,752.54	2,147.17	23,899.71	214.72		24,114.43	26,476.31
7/15/2032		1,984.02	1,984.02	198.40		2,182.42	
1/15/2033	22,114.36	1,984.02	24,098.38	198.40		24,296.78	26,479.21
7/15/2033		1,818.16	1,818.16	181.82		1,999.98	
1/15/2034	22,482.13	1,818.16	24,300.30	181.82		24,482.12	26,482.10
7/15/2034		1,649.55	1,649.55	164.95		1,814.50	
1/15/2035	22,855.87	1,649.55	24,505.42	164.95		24,670.38	26,484.88
7/15/2035		1,478.13	1,478.13	147.81		1,625.94	
1/15/2036	23,236.58	1,478.13	24,714.71	147.81		24,862.52	26,488.46
7/15/2036		1,303.86	1,303.86	130.39		1,434.24	
1/15/2037	23,623.24	1,303.86	24,927.10	130.39		25,057.48	26,491.72
7/15/2037		1,126.68	1,126.68	112.67		1,239.35	
1/15/2038	24,015.86	1,126.68	25,142.55	112.67		25,255.21	26,494.56
7/15/2038		946.56	946.56	94.66		1,041.22	
1/15/2039	24,415.45	946.56	25,362.01	94.66		25,456.67	26,497.89
7/15/2039		763.45	763.45	76.34		839.79	
1/15/2040	24,822.00	763.45	25,585.44	76.34		25,661.79	26,501.58
7/15/2040		577.28	577.28	57.73		635.01	
1/15/2041	25,234.50	577.28	25,811.78	57.73		25,869.51	26,504.52
7/15/2041		388.02	388.02	38.80		426.82	
1/15/2042	25,654.96	388.02	26,042.98	38.80		26,081.79	26,508.61
7/15/2042		195.61	195.61	19.56		215.17	
1/15/2043	26,081.38	195.61	26,276.99	19.56		26,296.55	26,511.73
7/15/2043							
	448,085.00	74,893.32	522,978.32	7,489.33		530,467.65	530,467.65

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 Schedule Has Been Replaced Following Re-Amortization on 12/13/2024

Prepared by PFM Financial Advisors LLC

Massachusetts Clean Water Trust
Series 24
TYNGSBOROUGH Loan Amortization
CWP-20-11

Loan Amount Approved	466,057.00	Loan Origination Fee ($0.00/1000)	0.00
Loan Forgiveness*	15,380.00	Loan Term (in years)	20
Amount to be Financed	450,677.00	Loan Rate	1.50%
		Closing Date	12/14/2022
		First Interest Payment	7/15/2023
		First Principal Payment	1/15/2024

Date	Principal	Interest	Total Payments	Admin Fee (0.15%)	Loan Origination Fee	Total Payments	Total Annual Payments
12/14/2022							
7/15/2023		3,962.20	3,962.20	396.22		4,358.42	
1/15/2024	19,177.00	3,380.08	22,557.08	338.01		22,895.09	27,253.51
7/15/2024		3,236.25	3,236.25	323.63		3,559.88	
1/15/2025	19,497.00	3,236.25	22,733.25	323.63		23,056.88	26,616.75
7/15/2025		3,090.02	3,090.02	309.00		3,399.02	
1/15/2026	19,821.00	3,090.02	22,911.02	309.00		23,220.02	26,619.05
7/15/2026		2,941.37	2,941.37	294.14		3,235.50	
1/15/2027	20,151.00	2,941.37	23,092.37	294.14		23,386.50	26,622.00
7/15/2027		2,790.23	2,790.23	279.02		3,069.26	
1/15/2028	20,486.00	2,790.23	23,276.23	279.02		23,555.26	26,624.51
7/15/2028		2,636.59	2,636.59	263.66		2,900.25	
1/15/2029	20,827.00	2,636.59	23,463.59	263.66		23,727.25	26,627.49
7/15/2029		2,480.39	2,480.39	248.04		2,728.42	
1/15/2030	21,173.00	2,480.39	23,653.39	248.04		23,901.42	26,629.85
7/15/2030		2,321.59	2,321.59	232.16		2,553.75	
1/15/2031	21,526.00	2,321.59	23,847.59	232.16		24,079.75	26,633.49
7/15/2031		2,160.14	2,160.14	216.01		2,376.16	
1/15/2032	21,884.00	2,160.14	24,044.14	216.01		24,260.16	26,636.31
7/15/2032		1,996.01	1,996.01	199.60		2,195.61	
1/15/2033	22,248.00	1,996.01	24,244.01	199.60		24,443.61	26,639.23
7/15/2033		1,829.15	1,829.15	182.92		2,012.07	
1/15/2034	22,618.00	1,829.15	24,447.15	182.92		24,630.07	26,642.14
7/15/2034		1,659.52	1,659.52	165.95		1,825.47	
1/15/2035	22,994.00	1,659.52	24,653.52	165.95		24,819.47	26,644.94
7/15/2035		1,487.06	1,487.06	148.71		1,635.77	
1/15/2036	23,377.00	1,487.06	24,864.06	148.71		25,012.77	26,648.54
7/15/2036		1,311.74	1,311.74	131.17		1,442.91	
1/15/2037	23,766.00	1,311.74	25,077.74	131.17		25,208.91	26,651.82
7/15/2037		1,133.49	1,133.49	113.35		1,246.84	
1/15/2038	24,161.00	1,133.49	25,294.49	113.35		25,407.84	26,654.68
7/15/2038		952.28	952.28	95.23		1,047.51	
1/15/2039	24,563.00	952.28	25,515.28	95.23		25,610.51	26,658.02
7/15/2039		768.06	768.06	76.81		844.87	
1/15/2040	24,972.00	768.06	25,740.06	76.81		25,816.87	26,661.73
7/15/2040		580.77	580.77	58.08		638.85	
1/15/2041	25,387.00	580.77	25,967.77	58.08		26,025.85	26,664.69
7/15/2041		390.37	390.37	39.04		429.40	
1/15/2042	25,810.00	390.37	26,200.37	39.04		26,239.40	26,668.81
7/15/2042		196.79	196.79	19.68		216.47	
1/15/2043	26,239.00	196.79	26,435.79	19.68		26,455.47	26,671.94
7/15/2043							
	450,677.00	75,265.91	525,942.91	7,526.59		533,469.50	533,469.50

Notes:

*This project qualifies for loan forgiveness in accordance with schedule B to the Loan Agreement.

Massachusetts Water Clean Water Trust
Series 23 Swap
TYNGSBOROUGH Reamortization
CW-19-03

Original Loan Amount	500,000.00	Loan Origination Fee ($0.00/1000)	0.00
Principal Forgiveness	-	Loan Term (in years)	18
Principal Paid Down	42,906.00	Loan Rate	1.50%
Outstanding Loan Obligation	457,094.00	Closing Date	5/10/2023
Remaining Balance	(58,098.00)	First Payment	7/15/2023
Net New Loan Obligation	398,996.00		

Date	Principal	Interest	Total Payments	Admin Fee (0.15%)	Loan Origination Fee	Total Payments	Total Annual Payments
5/10/2023							
7/15/2023		3,270.86	3,270.86	327.09		3,597.94	
1/15/2024	19,194.96	2,992.47	22,187.43	299.25		22,486.68	26,084.62
7/15/2024		2,848.51	2,848.51	284.85		3,133.36	
1/15/2025	19,514.46	2,848.51	22,362.97	284.85		22,647.82	25,781.18
7/15/2025		2,702.15	2,702.15	270.21		2,972.36	
1/15/2026	19,839.19	2,702.15	22,541.34	270.21		22,811.55	25,783.92
7/15/2026		2,553.36	2,553.36	255.34		2,808.69	
1/15/2027	20,169.13	2,553.36	22,722.48	255.34		22,977.82	25,786.51
7/15/2027		2,402.09	2,402.09	240.21		2,642.30	
1/15/2028	20,505.26	2,402.09	22,907.35	240.21		23,147.56	25,789.86
7/15/2028		2,248.30	2,248.30	224.83		2,473.13	
1/15/2029	20,846.59	2,248.30	23,094.89	224.83		23,319.72	25,792.84
7/15/2029		2,091.95	2,091.95	209.19		2,301.14	
1/15/2030	21,193.09	2,091.95	23,285.04	209.19		23,494.23	25,795.37
7/15/2030		1,933.00	1,933.00	193.30		2,126.30	
1/15/2031	21,545.75	1,933.00	23,478.75	193.30		23,672.05	25,798.35
7/15/2031		1,771.41	1,771.41	177.14		1,948.55	
1/15/2032	21,903.55	1,771.41	23,674.96	177.14		23,852.10	25,800.65
7/15/2032		1,607.13	1,607.13	160.71		1,767.84	
1/15/2033	22,268.49	1,607.13	23,875.62	160.71		24,036.33	25,804.17
7/15/2033		1,440.12	1,440.12	144.01		1,584.13	
1/15/2034	22,638.54	1,440.12	24,078.66	144.01		24,222.67	25,806.80
7/15/2034		1,270.33	1,270.33	127.03		1,397.36	
1/15/2035	23,015.70	1,270.33	24,286.03	127.03		24,413.06	25,810.42
7/15/2035		1,097.71	1,097.71	109.77		1,207.48	
1/15/2036	23,398.94	1,097.71	24,496.65	109.77		24,606.42	25,813.90
7/15/2036		922.22	922.22	92.22		1,014.44	
1/15/2037	23,787.26	922.22	24,709.48	92.22		24,801.70	25,816.14
7/15/2037		743.81	743.81	74.38		818.19	
1/15/2038	24,183.63	743.81	24,927.44	74.38		25,001.82	25,820.02
7/15/2038		562.44	562.44	56.24		618.68	
1/15/2039	24,586.04	562.44	25,148.48	56.24		25,204.72	25,823.40
7/15/2039		378.04	378.04	37.80		415.84	
1/15/2040	24,994.48	378.04	25,372.52	37.80		25,410.33	25,826.17
7/15/2040		190.58	190.58	19.06		209.64	
1/15/2041	25,410.93	190.58	25,601.51	19.06		25,620.57	25,830.21
7/15/2041							
	398,996.00	59,789.58	458,785.58	5,978.96		464,764.53	464,764.53

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.

Replaced by Debt Scheduled Dated May 10, 2023

Prepared by PFM Financial Advisors LLC

Massachusetts Clean Water Trust
Series 23
Tyngsborough Loan Amortization
CW-19-03

Loan Amount Approved	500,000.00	Loan Origination Fee ($5.00/1000)	0.00
Principal Forgiveness	-	Loan Term (in years)	20
Amount to be Financed	500,000.00	Loan Rate	1.50%
		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		1,333.33	1,333.33	133.33		1,466.67	
1/15/2022	21,276.00	3,750.00	25,026.00	375.00		25,401.00	26,867.67
7/15/2022		3,590.43	3,590.43	359.04		3,949.47	
1/15/2023	21,630.00	3,590.43	25,220.43	359.04		25,579.47	29,528.95
7/15/2023		3,428.21	3,428.21	342.82		3,771.03	
1/15/2024	21,990.00	3,428.21	25,418.21	342.82		25,761.03	29,532.05
7/15/2024		3,263.28	3,263.28	326.33		3,589.61	
1/15/2025	22,356.00	3,263.28	25,619.28	326.33		25,945.61	29,535.22
7/15/2025		3,095.61	3,095.61	309.56		3,405.17	
1/15/2026	22,728.00	3,095.61	25,823.61	309.56		26,133.17	29,538.34
7/15/2026		2,925.15	2,925.15	292.52		3,217.67	
1/15/2027	23,106.00	2,925.15	26,031.15	292.52		26,323.67	29,541.33
7/15/2027		2,751.86	2,751.86	275.19		3,027.04	
1/15/2028	23,491.00	2,751.86	26,242.86	275.19		26,518.04	29,545.08
7/15/2028		2,575.67	2,575.67	257.57		2,833.24	
1/15/2029	23,882.00	2,575.67	26,457.67	257.57		26,715.24	29,548.48
7/15/2029		2,396.56	2,396.56	239.66		2,636.21	
1/15/2030	24,279.00	2,396.56	26,675.56	239.66		26,915.21	29,551.43
7/15/2030		2,214.47	2,214.47	221.45		2,435.91	
1/15/2031	24,683.00	2,214.47	26,897.47	221.45		27,118.91	29,554.82
7/15/2031		2,029.34	2,029.34	202.93		2,232.28	
1/15/2032	25,093.00	2,029.34	27,122.34	202.93		27,325.28	29,557.55
7/15/2032		1,841.15	1,841.15	184.11		2,025.26	
1/15/2033	25,511.00	1,841.15	27,352.15	184.11		27,536.26	29,561.52
7/15/2033		1,649.81	1,649.81	164.98		1,814.79	
1/15/2034	25,935.00	1,649.81	27,584.81	164.98		27,749.79	29,564.59
7/15/2034		1,455.30	1,455.30	145.53		1,600.83	
1/15/2035	26,367.00	1,455.30	27,822.30	145.53		27,967.83	29,568.66
7/15/2035		1,257.55	1,257.55	125.75		1,383.30	
1/15/2036	26,806.00	1,257.55	28,063.55	125.75		28,189.30	29,572.60
7/15/2036		1,056.50	1,056.50	105.65		1,162.15	
1/15/2037	27,251.00	1,056.50	28,307.50	105.65		28,413.15	29,575.31
7/15/2037		852.12	852.12	85.21		937.33	
1/15/2038	27,705.00	852.12	28,557.12	85.21		28,642.33	29,579.66
7/15/2038		644.33	644.33	64.43		708.77	
1/15/2039	28,166.00	644.33	28,810.33	64.43		28,874.77	29,583.53
7/15/2039		433.09	433.09	43.31		476.40	
1/15/2040	28,634.00	433.09	29,067.09	43.31		29,110.40	29,586.79
7/15/2040		218.33	218.33	21.83		240.17	
1/15/2041	29,111.00	218.33	29,329.33	21.83		29,351.17	29,591.33
7/15/2041							
	500,000.00	80,440.83	580,440.83	8,044.08		588,484.91	588,484.91

Prepared by PFM Financial Advisors LLC

Massachusetts Clean Water Trust
Series 22
Tyngsborough Loan Amortization
CW-18-04

Loan Amount Approved	250,000.00		Loan Origination Fee ($5.00/1000)	0.00
Principal Forgiveness	-		Loan Term (in years)	20
Amount to be Financed	250,000.00	-	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		1,125.00	1,125.00	84.38		1,209.38	1,209.38
7/15/2020	10,113.00	2,500.00	12,613.00	187.50		12,800.50	
1/15/2021		2,398.87	2,398.87	179.92		2,578.79	15,379.29
7/15/2021	10,333.00	2,398.87	12,731.87	179.92		12,911.79	
1/15/2022		2,295.54	2,295.54	172.17		2,467.71	15,379.49
7/15/2022	10,557.00	2,295.54	12,852.54	172.17		13,024.71	
1/15/2023		2,189.97	2,189.97	164.25		2,354.22	15,378.92
7/15/2023	10,787.00	2,189.97	12,976.97	164.25		13,141.22	
1/15/2024		2,082.10	2,082.10	156.16		2,238.26	15,379.48
7/15/2024	11,021.00	2,082.10	13,103.10	156.16		13,259.26	
1/15/2025		1,971.89	1,971.89	147.89		2,119.78	15,379.04
7/15/2025	11,260.00	1,971.89	13,231.89	147.89		13,379.78	
1/15/2026		1,859.29	1,859.29	139.45		1,998.74	15,378.52
7/15/2026	11,505.00	1,859.29	13,364.29	139.45		13,503.74	
1/15/2027		1,744.24	1,744.24	130.82		1,875.06	15,378.79
7/15/2027	11,755.00	1,744.24	13,499.24	130.82		13,630.06	
1/15/2028		1,626.69	1,626.69	122.00		1,748.69	15,378.75
7/15/2028	12,011.00	1,626.69	13,637.69	122.00		13,759.69	
1/15/2029		1,506.58	1,506.58	112.99		1,619.57	15,379.27
7/15/2029	12,272.00	1,506.58	13,778.58	112.99		13,891.57	
1/15/2030		1,383.86	1,383.86	103.79		1,487.65	15,379.22
7/15/2030	12,538.00	1,383.86	13,921.86	103.79		14,025.65	
1/15/2031		1,258.48	1,258.48	94.39		1,352.87	15,378.52
7/15/2031	12,811.00	1,258.48	14,069.48	94.39		14,163.87	
1/15/2032		1,130.37	1,130.37	84.78		1,215.15	15,379.01
7/15/2032	13,089.00	1,130.37	14,219.37	84.78		14,304.15	
1/15/2033		999.48	999.48	74.96		1,074.44	15,378.59
7/15/2033	13,374.00	999.48	14,373.48	74.96		14,448.44	
1/15/2034		865.74	865.74	64.93		930.67	15,379.11
7/15/2034	13,665.00	865.74	14,530.74	64.93		14,595.67	
1/15/2035		729.09	729.09	54.68		783.77	15,379.44
7/15/2035	13,962.00	729.09	14,691.09	54.68		14,745.77	
1/15/2036		589.47	589.47	44.21		633.68	15,379.45
7/15/2036	14,265.00	589.47	14,854.47	44.21		14,898.68	
1/15/2037		446.82	446.82	33.51		480.33	15,379.01
7/15/2037	14,575.00	446.82	15,021.82	33.51		15,055.33	
1/15/2038		301.07	301.07	22.58		323.65	15,378.98
7/15/2038	14,892.00	301.07	15,193.07	22.58		15,215.65	
1/15/2039		152.15	152.15	11.41		163.56	15,379.21
7/15/2039	15,215.00	152.15	15,367.15	11.41		15,378.56	
1/15/2040							15,378.56
	250,000.00	54,688.40	304,688.40	4,101.63		308,790.03	308,790.03

Prepared by PFM Financial Advisors LLC

Massachusetts Clean Water Trust
Series 24
TYNGSBOROUGH Loan Amortization
CW-18-17

Loan Amount Approved	10,246,968.00	Loan Origination Fee ($0.00/1000)	0.00
Loan Forgiveness	-	Loan Term (in years)	30
Amount to be Financed	10,246,968.00	Loan Rate	2.20%
		Closing Date	12/14/2022
		First Interest Payment	7/15/2023
		First Principal Payment	1/15/2024

Date	Principal	Interest	Total Payments	Admin Fee (0.15%)	Loan Origination Fee	Total Payments	Total Annual Payments
12/14/2022							
7/15/2023		132,128.96	132,128.96	9,008.79		141,137.75	
1/15/2024	237,976.00	112,716.65	350,692.65	7,685.23		358,377.87	499,515.63
7/15/2024		110,098.91	110,098.91	7,506.74		117,605.66	
1/15/2025	243,635.00	110,098.91	353,733.91	7,506.74		361,240.66	478,846.31
7/15/2025		107,418.93	107,418.93	7,324.02		114,742.94	
1/15/2026	249,429.00	107,418.93	356,847.93	7,324.02		364,171.94	478,914.89
7/15/2026		104,675.21	104,675.21	7,136.95		111,812.15	
1/15/2027	255,360.00	104,675.21	360,035.21	7,136.95		367,172.15	478,984.31
7/15/2027		101,866.25	101,866.25	6,945.43		108,811.67	
1/15/2028	261,432.00	101,866.25	363,298.25	6,945.43		370,243.67	479,055.35
7/15/2028		98,990.50	98,990.50	6,749.35		105,739.85	
1/15/2029	267,649.00	98,990.50	366,639.50	6,749.35		373,388.85	479,128.70
7/15/2029		96,046.36	96,046.36	6,548.62		102,594.97	
1/15/2030	274,013.00	96,046.36	370,059.36	6,548.62		376,607.97	479,202.94
7/15/2030		93,032.21	93,032.21	6,343.11		99,375.32	
1/15/2031	280,529.00	93,032.21	373,561.21	6,343.11		379,904.32	479,279.64
7/15/2031		89,946.40	89,946.40	6,132.71		96,079.10	
1/15/2032	287,200.00	89,946.40	377,146.40	6,132.71		383,279.10	479,358.21
7/15/2032		86,787.20	86,787.20	5,917.31		92,704.50	
1/15/2033	294,030.00	86,787.20	380,817.20	5,917.31		386,734.50	479,439.01
7/15/2033		83,552.87	83,552.87	5,696.79		89,249.65	
1/15/2034	301,021.00	83,552.87	384,573.87	5,696.79		390,270.65	479,520.30
7/15/2034		80,241.63	80,241.63	5,471.02		85,712.65	
1/15/2035	308,180.00	80,241.63	388,421.63	5,471.02		393,892.65	479,605.31
7/15/2035		76,851.65	76,851.65	5,239.89		82,091.54	
1/15/2036	315,508.00	76,851.65	392,359.65	5,239.89		397,599.54	479,691.08
7/15/2036		73,381.07	73,381.07	5,003.25		78,384.32	
1/15/2037	323,011.00	73,381.07	396,392.07	5,003.25		401,395.32	479,779.64
7/15/2037		69,827.95	69,827.95	4,761.00		74,588.94	
1/15/2038	330,692.00	69,827.95	400,519.95	4,761.00		405,280.94	479,869.88
7/15/2038		66,190.33	66,190.33	4,512.98		70,703.31	
1/15/2039	338,555.00	66,190.33	404,745.33	4,512.98		409,258.31	479,961.62
7/15/2039		62,466.23	62,466.23	4,259.06		66,725.29	
1/15/2040	346,606.00	62,466.23	409,072.23	4,259.06		413,331.29	480,056.58
7/15/2040		58,653.56	58,653.56	3,999.11		62,652.67	
1/15/2041	354,848.00	58,653.56	413,501.56	3,999.11		417,500.67	480,153.34
7/15/2041		54,750.23	54,750.23	3,732.97		58,483.20	
1/15/2042	363,286.00	54,750.23	418,036.23	3,732.97		421,769.20	480,252.41
7/15/2042		50,754.09	50,754.09	3,460.51		54,214.59	
1/15/2043	371,925.00	50,754.09	422,679.09	3,460.51		426,139.59	480,354.19
7/15/2043		46,662.91	46,662.91	3,181.56		49,844.48	
1/15/2044	380,769.00	46,662.91	427,431.91	3,181.56		430,613.48	480,457.95
7/15/2044		42,474.45	42,474.45	2,895.99		45,370.44	
1/15/2045	389,823.00	42,474.45	432,297.45	2,895.99		435,193.44	480,563.88
7/15/2045		38,186.40	38,186.40	2,603.62		40,790.02	
1/15/2046	399,093.00	38,186.40	437,279.40	2,603.62		439,883.02	480,673.04
7/15/2046		33,796.38	33,796.38	2,304.30		36,100.68	
1/15/2047	408,583.00	33,796.38	442,379.38	2,304.30		444,683.68	480,784.35
7/15/2047		29,301.97	29,301.97	1,997.86		31,299.83	
1/15/2048	418,299.00	29,301.97	447,600.97	1,997.86		449,598.83	480,898.65
7/15/2048		24,700.68	24,700.68	1,684.14		26,384.81	
1/15/2049	428,246.00	24,700.68	452,946.68	1,684.14		454,630.81	481,015.63
7/15/2049		19,989.97	19,989.97	1,362.95		21,352.92	
1/15/2050	438,430.00	19,989.97	458,419.97	1,362.95		459,782.92	481,135.85
7/15/2050		15,167.24	15,167.24	1,034.13		16,201.37	
1/15/2051	448,855.00	15,167.24	464,022.24	1,034.13		465,056.37	481,257.74
7/15/2051		10,229.84	10,229.84	697.49		10,927.32	
1/15/2052	459,529.00	10,229.84	469,758.84	697.49		470,456.32	481,383.65
7/15/2052		5,175.02	5,175.02	352.84		5,527.86	
1/15/2053	470,456.00	5,175.02	475,631.02	352.84		475,983.86	481,511.72
	10,246,968.00	3,907,278.43	14,154,246.43	266,405.35		14,420,651.77	14,420,651.77

Massachusetts Clean Water Trust
Series 23
Tyngsborough Loan Amortization
CW-15-10

Loan Amount Approved	9,282,500.00		Loan Origination Fee ($5.00/1000)	0.00
Principal Forgiveness	-		Loan Term (in years)	20
Amount to be Financed	9,282,500.00		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		33,004.44	33,004.44	2,475.33		35,479.78	
1/15/2022	375,487.00	92,825.00	468,312.00	6,961.88		475,273.88	510,753.65
7/15/2022		89,070.13	89,070.13	6,680.26		95,750.39	
1/15/2023	383,647.00	89,070.13	472,717.13	6,680.26		479,397.39	575,147.78
7/15/2023		85,233.66	85,233.66	6,392.52		91,626.18	
1/15/2024	391,985.00	85,233.66	477,218.66	6,392.52		483,611.18	575,237.37
7/15/2024		81,313.81	81,313.81	6,098.54		87,412.35	
1/15/2025	400,504.00	81,313.81	481,817.81	6,098.54		487,916.35	575,328.69
7/15/2025		77,308.77	77,308.77	5,798.16		83,106.93	
1/15/2026	409,209.00	77,308.77	486,517.77	5,798.16		492,315.93	575,422.86
7/15/2026		73,216.68	73,216.68	5,491.25		78,707.93	
1/15/2027	418,102.00	73,216.68	491,318.68	5,491.25		496,809.93	575,517.86
7/15/2027		69,035.66	69,035.66	5,177.67		74,213.33	
1/15/2028	427,189.00	69,035.66	496,224.66	5,177.67		501,402.33	575,615.67
7/15/2028		64,763.77	64,763.77	4,857.28		69,621.05	
1/15/2029	436,474.00	64,763.77	501,237.77	4,857.28		506,095.05	575,716.11
7/15/2029		60,399.03	60,399.03	4,529.93		64,928.96	
1/15/2030	445,960.00	60,399.03	506,359.03	4,529.93		510,888.96	575,817.91
7/15/2030		55,939.43	55,939.43	4,195.46		60,134.89	
1/15/2031	455,652.00	55,939.43	511,591.43	4,195.46		515,786.89	575,921.77
7/15/2031		51,382.91	51,382.91	3,853.72		55,236.63	
1/15/2032	465,555.00	51,382.91	516,937.91	3,853.72		520,791.63	576,028.26
7/15/2032		46,727.36	46,727.36	3,504.55		50,231.91	
1/15/2033	475,673.00	46,727.36	522,400.36	3,504.55		525,904.91	576,136.82
7/15/2033		41,970.63	41,970.63	3,147.80		45,118.43	
1/15/2034	486,012.00	41,970.63	527,982.63	3,147.80		531,130.43	576,248.85
7/15/2034		37,110.51	37,110.51	2,783.29		39,893.80	
1/15/2035	496,574.00	37,110.51	533,684.51	2,783.29		536,467.80	576,361.60
7/15/2035		32,144.77	32,144.77	2,410.86		34,555.63	
1/15/2036	507,367.00	32,144.77	539,511.77	2,410.86		541,922.63	576,478.26
7/15/2036		27,071.10	27,071.10	2,030.33		29,101.43	
1/15/2037	518,394.00	27,071.10	545,465.10	2,030.33		547,495.43	576,596.87
7/15/2037		21,887.16	21,887.16	1,641.54		23,528.70	
1/15/2038	529,660.00	21,887.16	551,547.16	1,641.54		553,188.70	576,717.39
7/15/2038		16,590.56	16,590.56	1,244.29		17,834.85	
1/15/2039	541,172.00	16,590.56	557,762.56	1,244.29		559,006.85	576,841.70
7/15/2039		11,178.84	11,178.84	838.41		12,017.25	
1/15/2040	552,933.00	11,178.84	564,111.84	838.41		564,950.25	576,967.51
7/15/2040		5,649.51	5,649.51	423.71		6,073.22	
1/15/2041	564,951.00	5,649.51	570,600.51	423.71		571,024.22	577,097.45
7/15/2041							
	9,282,500.00	2,021,818.02	11,304,318.02	151,636.35		11,455,954.38	11,455,954.38

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

Revised SCHEDULE C

Tyngsborough
CW-06-20

Final Loan Structuring Analysis

Revised Schedule of Loan Repayments

Outstanding Loan Obligation:	$172,786.40

	Schedule of Loan Repayments			*Admin. Fee*	*Total*
	Principal	Interest	Total	*0.07500%*	*Due*
15-Dec-09					
15-Jan-10	-	2,343.82	2,343.82	175.79	2,519.61
15-Jul-10	8,055.17	1,727.86	9,783.03	129.59	9,912.62
15-Jan-11	-	1,647.31	1,647.31	123.55	1,770.86
15-Jul-11	8,217.65	1,647.31	9,864.96	123.55	9,988.51
15-Jan-12	-	1,565.14	1,565.14	117.39	1,682.53
15-Jul-12	8,383.64	1,565.14	9,948.78	117.39	10,066.17
15-Jan-13	-	1,481.30	1,481.30	111.10	1,592.40
15-Jul-13	8,553.14	1,481.30	10,034.44	111.10	10,145.54
15-Jan-14	-	1,395.77	1,395.77	104.68	1,500.45
15-Jul-14	8,726.13	1,395.77	10,121.90	104.68	10,226.58
15-Jan-15	-	1,308.51	1,308.51	98.14	1,406.65
15-Jul-15	8,902.63	1,308.51	10,211.14	98.14	10,309.28
15-Jan-16	-	1,219.48	1,219.48	91.46	1,310.94
15-Jul-16	9,081.93	1,219.48	10,301.41	91.46	10,392.87
15-Jan-17	-	1,128.66	1,128.66	84.65	1,213.31
15-Jul-17	9,265.43	1,128.66	10,394.09	84.65	10,478.74
15-Jan-18	-	1,036.01	1,036.01	77.70	1,113.71
15-Jul-18	9,453.14	1,036.01	10,489.15	77.70	10,566.85
15-Jan-19	-	941.48	941.48	70.61	1,012.09
15-Jul-19	9,643.64	941.48	10,585.12	70.61	10,655.73
15-Jan-20	-	845.04	845.04	63.38	908.42
15-Jul-20	9,838.35	845.04	10,683.39	63.38	10,746.77
15-Jan-21	-	746.66	746.66	56.00	802.66
15-Jul-21	10,037.26	746.66	10,783.92	56.00	10,839.92
15-Jan-22	-	646.28	646.28	48.47	694.75
15-Jul-22	10,240.37	646.28	10,886.65	48.47	10,935.12
15-Jan-23	-	543.88	543.88	40.79	584.67
15-Jul-23	10,446.99	543.88	10,990.87	40.79	11,031.66
15-Jan-24	-	439.41	439.41	32.96	472.37
15-Jul-24	10,657.80	439.41	11,097.21	32.96	11,130.17
15-Jan-25	-	332.83	332.83	24.96	357.79
15-Jul-25	10,873.52	332.83	11,206.35	24.96	11,231.31
15-Jan-26	-	224.10	224.10	16.81	240.91
15-Jul-26	11,092.74	224.10	11,316.84	16.81	11,333.65
15-Jan-27	-	113.17	113.17	8.49	121.66
15-Jul-27	11,316.87	113.17	11,430.04	8.49	11,438.53
15-Jan-28	-	-	-	-	-
15-Jul-28	-	-	-	-	-
15-Jan-29	-	-	-	-	-
15-Jul-29	-	-	-	-	-
15-Jan-30	-	-	-	-	-
15-Jul-30	-	-	-	-	-
15-Jan-31	-	-	-	-	-
15-Jul-31	-	-	-	-	-
15-Jan-32	-	-	-	-	-
15-Jul-32	-	-	-	-	-
15-Jan-33	-	-	-	-	-
15-Jul-33	-	-	-	-	-
15-Jan-34	-	-	-	-	-
15-Jul-34	-	-	-	-	-
15-Jan-35	-	-	-	-	-
15-Jul-35	-	-	-	-	-
15-Jan-36	-	-	-	-	-
15-Jul-36	-	-	-	-	-
15-Jan-37	-	-	-	-	-
15-Jul-37	-	-	-	-	-
15-Jan-38	-	-	-	-	-
	$172,786.40	$35,301.74	$208,088.14	$2,647.66	$210,735.80

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 13
Tyngsborough
CW-06-20
Final Structuring Analysis

SCHEDULE C

Loan Interest Rate 2.00%

Schedule of Loan Repayments

Initial Loan Obligation: $268,625.00

Date	Schedule of Loan Repayments Principal	Interest	Total	Admin. Fee 0.00075	Loan Origination Fee	Total Due
18-Dec-07						
15-Jul-08	$10,651.00	$3,089.19	$13,740.19	$201.47	1,719.20	$15,660.86
15-Jan-09	0.00	2,579.74	2,579.74	193.48		2,773.22
15-Jul-09	11,273.00	2,579.74	13,852.74	193.48		14,046.22
15-Jan-10	0.00	2,467.01	2,467.01	185.03		2,652.04
15-Jul-10	11,501.00	2,467.01	13,968.01	185.03		14,153.04
15-Jan-11	0.00	2,352.00	2,352.00	176.40		2,528.40
15-Jul-11	11,733.00	2,352.00	14,085.00	176.40		14,261.40
15-Jan-12	0.00	2,234.67	2,234.67	167.60		2,402.27
15-Jul-12	11,970.00	2,234.67	14,204.67	167.60		14,372.27
15-Jan-13	0.00	2,114.97	2,114.97	158.62		2,273.59
15-Jul-13	12,212.00	2,114.97	14,326.97	158.62		14,485.59
15-Jan-14	0.00	1,992.85	1,992.85	149.46		2,142.31
15-Jul-14	12,459.00	1,992.85	14,451.85	149.46		14,601.31
15-Jan-15	0.00	1,868.26	1,868.26	140.12		2,008.38
15-Jul-15	12,711.00	1,868.26	14,579.26	140.12		14,719.38
15-Jan-16	0.00	1,741.15	1,741.15	130.59		1,871.74
15-Jul-16	12,967.00	1,741.15	14,708.15	130.59		14,838.74
15-Jan-17	0.00	1,611.48	1,611.48	120.86		1,732.34
15-Jul-17	13,229.00	1,611.48	14,840.48	120.86		14,961.34
15-Jan-18	0.00	1,479.19	1,479.19	110.94		1,590.13
15-Jul-18	13,497.00	1,479.19	14,976.19	110.94		15,087.13
15-Jan-19	0.00	1,344.22	1,344.22	100.82		1,445.04
15-Jul-19	13,769.00	1,344.22	15,113.22	100.82		15,214.04
15-Jan-20	0.00	1,206.53	1,206.53	90.49		1,297.02
15-Jul-20	14,047.00	1,206.53	15,253.53	90.49		15,344.02
15-Jan-21	0.00	1,066.06	1,066.06	79.95		1,146.01
15-Jul-21	14,331.00	1,066.06	15,397.06	79.95		15,477.01
15-Jan-22	0.00	922.75	922.75	69.21		991.96
15-Jul-22	14,621.00	922.75	15,543.75	69.21		15,612.96
15-Jan-23	0.00	776.54	776.54	58.24		834.78
15-Jul-23	14,916.00	776.54	15,692.54	58.24		15,750.78
15-Jan-24	0.00	627.38	627.38	47.05		674.43
15-Jul-24	15,217.00	627.38	15,844.38	47.05		15,891.43
15-Jan-25	0.00	475.21	475.21	35.64		510.85
15-Jul-25	15,525.00	475.21	16,000.21	35.64		16,035.85
15-Jan-26	0.00	319.96	319.96	24.00		343.96
15-Jul-26	15,838.00	319.96	16,157.96	24.00		16,181.96
15-Jan-27	0.00	161.58	161.58	12.12		173.70
15-Jul-27	16,158.00	161.58	16,319.58	12.12		16,331.70
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
	$268,625.00	$57,772.29	$326,397.29	$4,302.71	$1,719.20	$332,419.20

Massachusetts Water Pollution Abatement Trust **SCHEDULE C**
Water Pollution Abatement and Drinking Water Revenue Bonds
State Revolving Fund Bonds
Series 15
Tyngsborough
CW-06-20-A
Final Structuring Analysis

Loan Interest Rate 2.00%

Schedule of Loan Repayments

Remaining Loan Obligation: $73,914.00

	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	$767.88	$767.88	$55.44	491.53	$1,314.85
15-Jul-11	3,687.00	739.14	4,426.14	55.44		4,481.58
15-Jan-12	0.00	702.27	702.27	52.67		754.94
15-Jul-12	3,762.00	702.27	4,464.27	52.67		4,516.94
15-Jan-13	0.00	664.65	664.65	49.85		714.50
15-Jul-13	3,838.00	664.65	4,502.65	49.85		4,552.50
15-Jan-14	0.00	626.27	626.27	46.97		673.24
15-Jul-14	3,915.00	626.27	4,541.27	46.97		4,588.24
15-Jan-15	0.00	587.12	587.12	44.03		631.15
15-Jul-15	3,994.00	587.12	4,581.12	44.03		4,625.15
15-Jan-16	0.00	547.18	547.18	41.04		588.22
15-Jul-16	4,075.00	547.18	4,622.18	41.04		4,663.22
15-Jan-17	0.00	506.43	506.43	37.98		544.41
15-Jul-17	4,157.00	506.43	4,663.43	37.98		4,701.41
15-Jan-18	0.00	464.86	464.86	34.86		499.72
15-Jul-18	4,241.00	464.86	4,705.86	34.86		4,740.72
15-Jan-19	0.00	422.45	422.45	31.68		454.13
15-Jul-19	4,327.00	422.45	4,749.45	31.68		4,781.13
15-Jan-20	0.00	379.18	379.18	28.44		407.62
15-Jul-20	4,415.00	379.18	4,794.18	28.44		4,822.62
15-Jan-21	0.00	335.03	335.03	25.13		360.16
15-Jul-21	4,504.00	335.03	4,839.03	25.13		4,864.16
15-Jan-22	0.00	289.99	289.99	21.75		311.74
15-Jul-22	4,595.00	289.99	4,884.99	21.75		4,906.74
15-Jan-23	0.00	244.04	244.04	18.30		262.34
15-Jul-23	4,688.00	244.04	4,932.04	18.30		4,950.34
15-Jan-24	0.00	197.16	197.16	14.79		211.95
15-Jul-24	4,782.00	197.16	4,979.16	14.79		4,993.95
15-Jan-25	0.00	149.34	149.34	11.20		160.54
15-Jul-25	4,879.00	149.34	5,028.34	11.20		5,039.54
15-Jan-26	0.00	100.55	100.55	7.54		108.09
15-Jul-26	4,977.00	100.55	5,077.55	7.54		5,085.09
15-Jan-27	0.00	50.78	50.78	3.81		54.59
15-Jul-27	5,078.00	50.78	5,128.78	3.81		5,132.59
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
	$73,914.00	$14,041.62	$87,955.62	$1,050.96	$491.53	$89,498.11

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 11
Tyngsborough
CW-03-27
Final Structuring Analysis

SCHEDULE C

Loan Interest Rate	2.00%

Schedule of Loan Repayments

Initial Loan Obligation:	$90,000.00

Date	Schedule of Loan Repayments: Principal	Interest	Total	Admin. Fee 0.07500%	Loan Origination Fee	Total Due
16-Nov-05						
15-Jul-06	$3,341.00	$1,275.00	$4,616.00	$67.50	549.00	$5,232.50
15-Jan-07	0.00	866.59	866.59	64.99		931.58
15-Jul-07	3,787.00	866.59	4,653.59	64.99		4,718.58
15-Jan-08	0.00	828.72	828.72	62.15		890.87
15-Jul-08	3,863.00	828.72	4,691.72	62.15		4,753.87
15-Jan-09	0.00	790.09	790.09	59.26		849.35
15-Jul-09	3,941.00	790.09	4,731.09	59.26		4,790.35
15-Jan-10	0.00	750.68	750.68	56.30		806.98
15-Jul-10	4,021.00	750.68	4,771.68	56.30		4,827.98
15-Jan-11	0.00	710.47	710.47	53.29		763.76
15-Jul-11	4,102.00	710.47	4,812.47	53.29		4,865.76
15-Jan-12	0.00	669.45	669.45	50.21		719.66
15-Jul-12	4,185.00	669.45	4,854.45	50.21		4,904.66
15-Jan-13	0.00	627.60	627.60	47.07		674.67
15-Jul-13	4,270.00	627.60	4,897.60	47.07		4,944.67
15-Jan-14	0.00	584.90	584.90	43.87		628.77
15-Jul-14	4,356.00	584.90	4,940.90	43.87		4,984.77
15-Jan-15	0.00	541.34	541.34	40.60		581.94
15-Jul-15	4,444.00	541.34	4,985.34	40.60		5,025.94
15-Jan-16	0.00	496.90	496.90	37.27		534.17
15-Jul-16	4,534.00	496.90	5,030.90	37.27		5,068.17
15-Jan-17	0.00	451.56	451.56	33.87		485.43
15-Jul-17	4,625.00	451.56	5,076.56	33.87		5,110.43
15-Jan-18	0.00	405.31	405.31	30.40		435.71
15-Jul-18	4,719.00	405.31	5,124.31	30.40		5,154.71
15-Jan-19	0.00	358.12	358.12	26.86		384.98
15-Jul-19	4,814.00	358.12	5,172.12	26.86		5,198.98
15-Jan-20	0.00	309.98	309.98	23.25		333.23
15-Jul-20	4,911.00	309.98	5,220.98	23.25		5,244.23
15-Jan-21	0.00	260.87	260.87	19.57		280.44
15-Jul-21	5,011.00	260.87	5,271.87	19.57		5,291.44
15-Jan-22	0.00	210.76	210.76	15.81		226.57
15-Jul-22	5,112.00	210.76	5,322.76	15.81		5,338.57
15-Jan-23	0.00	159.64	159.64	11.97		171.61
15-Jul-23	5,215.00	159.64	5,374.64	11.97		5,386.61
15-Jan-24	0.00	107.49	107.49	8.06		115.55
15-Jul-24	5,321.00	107.49	5,428.49	8.06		5,436.55
15-Jan-25	0.00	54.28	54.28	4.07		58.35
15-Jul-25	5,428.00	54.28	5,482.28	4.07		5,486.35
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
	$90,000.00	$19,644.50	$109,644.50	$1,445.24	$549.00	$111,638.74

Pool 6 Swap Loans: Administrative Fees

Borrower	Loan Number	Loan Due Date	Loan Gross Prin Bal	Administrative Fee
Tyngsborough	CW-00-19	01-Feb-03	$80,773.37	$60.58
Tyngsborough	CW-00-19	01-Aug-03	$71,458.06	$60.58
Tyngsborough	CW-00-19	01-Feb-04	$71,458.06	$53.59
Tyngsborough	CW-00-19	01-Aug-04	$61,934.79	$53.59
Tyngsborough	CW-00-19	01-Feb-05	$61,934.79	$46.45
Tyngsborough	CW-00-19	01-Aug-05	$52,210.55	$46.45
Tyngsborough	CW-00-19	01-Feb-06	$52,210.55	$39.16
Tyngsborough	CW-00-19	01-Aug-06	$42,256.35	$39.16
Tyngsborough	CW-00-19	01-Feb-07	$42,256.35	$31.69
Tyngsborough	CW-00-19	01-Aug-07	$32,061.20	$31.69
Tyngsborough	CW-00-19	01-Feb-08	$32,061.20	$24.05
Tyngsborough	CW-00-19	01-Aug-08	$21,618.09	$24.05
Tyngsborough	CW-00-19	01-Feb-09	$21,618.09	$16.21
Tyngsborough	CW-00-19	01-Aug-09	$10,888.03	$16.21
Tyngsborough	CW-00-19	01-Feb-10	$10,888.03	$8.17
	CW-00-19	01-Aug-10	$0.00	$8.17
	CW-00-19	01-Feb-11	$0.00	$0.00
	CW-00-19	01-Aug-11	$0.00	$0.00
	CW-00-19	01-Feb-12	$0.00	$0.00
	CW-00-19	01-Aug-12	$0.00	$0.00
	CW-00-19	01-Feb-13	$0.00	$0.00
	CW-00-19	01-Aug-13	$0.00	$0.00
	CW-00-19	01-Feb-14	$0.00	$0.00
	CW-00-19	01-Aug-14	$0.00	$0.00
	CW-00-19	01-Feb-15	$0.00	$0.00
	CW-00-19	01-Aug-15	$0.00	$0.00
	CW-00-19	01-Feb-16	$0.00	$0.00
	CW-00-19	01-Aug-16	$0.00	$0.00
	CW-00-19	01-Feb-17	$0.00	$0.00
	CW-00-19	01-Aug-17	$0.00	$0.00
	CW-00-19	01-Feb-18	$0.00	$0.00
	CW-00-19	01-Aug-18	$0.00	$0.00
	CW-00-19	01-Feb-19	$0.00	$0.00
	CW-00-19	01-Aug-19	$0.00	$0.00
	CW-00-19	01-Feb-20	$0.00	$0.00
	CW-00-19	01-Aug-20	$0.00	$0.00
	CW-00-19	01-Feb-21	$0.00	$0.00
	CW-00-19	01-Aug-21	$0.00	$0.00
	CW-00-19	01-Feb-22	$0.00	$0.00
	CW-00-19	01-Aug-22	$0.00	$0.00
	CW-00-19	01-Feb-23	$0.00	$0.00
	CW-00-19	01-Aug-23	$0.00	$0.00
	CW-00-19	01-Feb-24	$0.00	$0.00
	CW-00-19	01-Aug-24	$0.00	
	CW-00-19	01-Feb-25	$0.00	
	CW-00-19	01-Aug-25	$0.00	
	CW-00-19	01-Feb-26	$0.00	
	CW-00-19	01-Aug-26	$0.00	
	CW-00-19	01-Feb-27	$0.00	
	CW-00-19	01-Aug-27	$0.00	
	CW-00-19	01-Feb-28	$0.00	
	CW-00-19	01-Aug-28	$0.00	
	CW-00-19	01-Feb-29	$0.00	
	CW-00-19	01-Aug-29	$0.00	
	CW-00-19	01-Feb-30	$0.00	
	CW-00-19	01-Aug-30	$0.00	
	CW-00-19	01-Feb-31	$0.00	
	CW-00-19	01-Aug-31	$0.00	
	CW-00-19	01-Feb-32	$0.00	
	CW-00-19	01-Aug-32	$0.00	
	CW-00-19	01-Feb-33	$0.00	
	CW-00-19	01-Aug-33	$0.00	

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 5
Tyngsborough
98-123
Final Loan Structuring Analysis

AMENDED SCHEDULE C

G.E.	50.00%

Schedule of Loan Repayments

Initial Loan Obligation:	2,894,171.00

	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	68,490.55	68,490.55	38,537.33	0.00	38,537.33	0.00	29,953.22	29,953.22
01-Aug-05	158,505.00	71,312.73	229,817.73	38,537.33	69,321.86	107,859.20	121,958.53	0.00	121,958.53
01-Feb-06	0.00	75,176.89	75,176.89	36,426.76	3,262.43	39,689.19	0.00	35,487.70	35,487.70
01-Aug-06	162,312.00	64,564.61	226,876.61	36,426.76	68,924.33	105,351.09	121,525.52	0.00	121,525.52
01-Feb-07	0.00	73,302.90	73,302.90	34,265.50	3,262.43	37,527.93	0.00	35,774.97	35,774.97
01-Aug-07	166,829.00	62,050.90	228,879.90	34,265.50	71,020.41	105,285.91	123,594.00	0.00	123,594.00
01-Feb-08	0.00	71,368.82	71,368.82	32,044.08	3,262.43	35,306.51	0.00	36,062.31	36,062.31
01-Aug-08	171,080.00	50,989.44	222,069.44	32,044.08	68,936.56	100,980.65	121,088.79	0.00	121,088.79
01-Feb-09	0.00	69,777.41	69,777.41	29,766.07	3,262.43	33,028.50	0.00	36,748.91	36,748.91
01-Aug-09	175,445.00	48,554.36	223,999.36	29,766.07	71,187.77	100,953.84	123,045.52	0.00	123,045.52
01-Feb-10	0.00	68,003.56	68,003.56	27,429.93	3,262.43	30,692.36	0.00	37,311.20	37,311.20
01-Aug-10	180,000.00	30,164.24	210,164.24	27,429.93	63,926.17	91,356.10	118,808.15	0.00	118,808.15
01-Feb-11	0.00	62,765.03	62,765.03	25,033.14	3,262.43	28,295.57	0.00	34,469.46	34,469.46
01-Aug-11	185,000.00	29,782.30	214,782.30	25,033.14	67,288.21	92,321.35	122,460.96	0.00	122,460.96
01-Feb-12	0.00	60,399.17	60,399.17	22,569.77	3,262.43	25,832.20	0.00	34,566.97	34,566.97
01-Aug-12	190,000.00	33,261.07	223,261.07	22,569.77	69,253.38	91,823.15	131,437.92	0.00	131,437.92
01-Feb-13	0.00	50,653.86	50,653.86	20,039.83	3,262.43	23,302.26	0.00	27,351.61	27,351.61
01-Aug-13	195,000.00	30,039.72	225,039.72	20,039.83	70,913.35	90,953.17	134,086.54	0.00	134,086.54
01-Feb-14	0.00	46,607.66	46,607.66	17,443.31	3,262.43	20,705.74	0.00	25,901.92	25,901.92
01-Aug-14	205,000.00	26,637.77	231,637.77	17,443.31	69,233.59	86,676.89	144,960.88	0.00	144,960.88
01-Feb-15	0.00	35,650.09	35,650.09	14,713.63	3,262.43	17,976.06	0.00	17,674.03	17,674.03
01-Aug-15	210,000.00	23,258.70	233,258.70	14,713.63	69,171.44	83,885.07	149,373.63	0.00	149,373.63
01-Feb-16	0.00	27,754.86	27,754.86	11,917.37	3,262.43	15,179.80	0.00	12,575.05	12,575.05
01-Aug-16	215,000.00	20,209.76	235,209.76	11,917.37	69,424.93	81,342.30	153,867.47	0.00	153,867.47
01-Feb-17	0.00	19,617.02	19,617.02	9,054.54	3,262.43	12,316.97	0.00	7,300.05	7,300.05
01-Aug-17	220,000.00	16,311.91	236,311.91	9,054.54	70,389.37	79,443.91	156,868.01	0.00	156,868.01
01-Feb-18	0.00	11,217.39	11,217.39	6,125.13	2,402.37	8,527.50	0.00	2,689.88	2,689.88
01-Aug-18	230,000.00	12,470.62	242,470.62	6,125.13	72,459.42	78,584.55	163,886.07	0.00	163,886.07
01-Feb-19	0.00	4,668.60	4,668.60	3,062.57	1,606.04	4,668.60	0.00	0.00	0.00
01-Aug-19	230,000.00	6,325.00	236,325.00	3,062.57	71,864.66	74,927.23	161,397.78	0.00	161,397.78
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
	$2,894,171.00	$1,271,386.93	$4,165,557.93	$656,857.90	$1,086,473.00	$1,743,330.90	$2,048,359.75	$373,867.28	$2,422,227.03

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

Tyngsborough
98-123

Final Loan Structuring Analysis

Administrative Fee Schedule

Date	Principal Outstanding	Administrative Fee Payable @ 0.075000%
06-Oct-1999		
01-Feb-2000	3,645,951.00	1,747.02
01-Aug-2000	3,645,951.00	2,734.46
01-Feb-2001	3,500,369.00	2,625.28
01-Aug-2001	3,500,369.00	2,625.28
01-Feb-2002	3,352,501.00	2,514.38
01-Aug-2002	3,352,501.00	2,514.38
01-Feb-2003	3,202,335.00	2,401.75
01-Aug-2003	3,202,335.00	2,401.75
01-Feb-2004	3,049,644.00	2,287.23
01-Aug-2004	3,049,644.00	2,287.23
01-Feb-2005	2,894,171.00	2,170.63
01-Aug-2005	2,894,171.00	2,170.63
01-Feb-2006	2,735,666.00	2,051.75
01-Aug-2006	2,735,666.00	2,051.75
01-Feb-2007	2,573,354.00	1,930.02
01-Aug-2007	2,573,354.00	1,930.02
01-Feb-2008	2,406,525.00	1,804.89
01-Aug-2008	2,406,525.00	1,804.89
01-Feb-2009	2,235,445.00	1,676.58
01-Aug-2009	2,235,445.00	1,676.58
01-Feb-2010	2,060,000.00	1,545.00
01-Aug-2010	2,060,000.00	1,545.00
01-Feb-2011	1,880,000.00	1,410.00
01-Aug-2011	1,880,000.00	1,410.00
01-Feb-2012	1,695,000.00	1,271.25
01-Aug-2012	1,695,000.00	1,271.25
01-Feb-2013	1,505,000.00	1,128.75
01-Aug-2013	1,505,000.00	1,128.75
01-Feb-2014	1,310,000.00	982.50
01-Aug-2014	1,310,000.00	982.50
01-Feb-2015	1,105,000.00	828.75
01-Aug-2015	1,105,000.00	828.75
01-Feb-2016	895,000.00	671.25
01-Aug-2016	895,000.00	671.25
01-Feb-2017	680,000.00	510.00
01-Aug-2017	680,000.00	510.00
01-Feb-2018	460,000.00	345.00
01-Aug-2018	460,000.00	345.00
01-Feb-2019	230,000.00	172.50
01-Aug-2019	230,000.00	172.50
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
		$61,136.50