

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

Series 4
 Variable Rate V Loan
 North Reading 97-1124

SCHEDULE C

Final Loan Structuring Analysis

Schedule of Loan Repayments [As of October 25, 2000 Swap]

Transfer Date:	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayments		
	Principal	Interest	Total	Equity Earnings	Contract Assistance Payments	Total	Principal	Interest	Total
1-Feb-01	-	2,322.71	2,322.71	1,193.83	1,128.88	2,322.71	-	-	-
1-Aug-01	10,872.00	4,355.09	15,227.09	2,238.44	2,116.65	4,355.09	10,872.00	-	10,872.00
1-Feb-02	-	4,137.65	4,137.65	2,114.07	2,023.58	4,137.65	-	-	-
1-Aug-02	10,872.00	4,137.65	15,009.65	2,114.07	2,023.58	4,137.65	10,872.00	-	10,872.00
1-Feb-03	-	3,920.21	3,920.21	1,989.70	1,930.51	3,920.21	-	-	-
1-Aug-03	10,872.00	3,920.21	14,792.21	1,989.70	1,930.51	3,920.21	10,872.00	-	10,872.00
1-Feb-04	-	3,702.77	3,702.77	1,865.32	1,837.44	3,702.77	-	-	-
1-Aug-04	10,872.00	3,702.77	14,574.77	1,865.32	1,837.44	3,702.77	10,872.00	-	10,872.00
1-Feb-05	-	3,485.33	3,485.33	1,740.95	1,744.37	3,485.33	-	-	-
1-Aug-05	10,872.00	3,485.33	14,357.33	1,740.95	1,744.37	3,485.33	10,872.00	-	10,872.00
1-Feb-06	-	3,267.89	3,267.89	1,616.58	1,651.30	3,267.89	-	-	-
1-Aug-06	10,872.00	3,267.89	14,139.89	1,616.58	1,651.30	3,267.89	10,872.00	-	10,872.00
1-Feb-07	-	2,996.09	2,996.09	1,492.21	1,503.87	2,996.09	-	-	-
1-Aug-07	10,872.00	2,996.09	13,868.09	1,492.21	1,503.87	2,996.09	10,872.00	-	10,872.00
1-Feb-08	-	2,724.29	2,724.29	1,367.84	1,356.44	2,724.29	-	-	-
1-Aug-08	10,872.00	2,724.29	13,596.29	1,367.84	1,356.44	2,724.29	10,872.00	-	10,872.00
1-Feb-09	-	2,493.26	2,493.26	1,243.47	1,249.78	2,493.26	-	-	-
1-Aug-09	10,872.00	2,493.26	13,365.26	1,243.47	1,249.78	2,493.26	10,872.00	-	10,872.00
1-Feb-10	-	2,214.66	2,214.66	1,119.10	1,095.56	2,214.66	-	-	-
1-Aug-10	10,872.00	2,214.66	13,086.66	1,119.10	1,095.56	2,214.66	10,872.00	-	10,872.00
1-Feb-11	-	1,936.07	1,936.07	994.73	941.33	1,936.07	-	-	-
1-Aug-11	10,872.00	1,936.07	12,808.07	994.73	941.33	1,936.07	10,872.00	-	10,872.00
1-Feb-12	-	1,657.47	1,657.47	870.36	787.11	1,657.47	-	-	-
1-Aug-12	10,872.00	1,657.47	12,529.47	870.36	787.11	1,657.47	10,872.00	-	10,872.00
1-Feb-13	-	1,378.88	1,378.88	745.99	757.26	1,378.88	-	-	-
1-Aug-13	10,872.00	1,378.88	12,246.88	745.99	757.26	1,378.88	10,872.00	-	10,872.00
1-Feb-14	-	1,100.39	1,100.39	621.62	603.09	1,100.39	-	-	-
1-Aug-14	10,868.00	1,100.39	11,968.39	621.62	603.09	1,100.39	10,868.00	-	10,868.00
1-Feb-15	-	821.89	821.89	497.30	448.92	821.89	-	-	-
1-Aug-15	10,868.00	821.89	11,689.89	497.30	448.92	821.89	10,868.00	-	10,868.00
1-Feb-16	-	543.40	543.40	372.97	294.75	543.40	-	-	-
1-Aug-16	10,868.00	543.40	11,411.40	372.97	294.75	543.40	10,868.00	-	10,868.00
1-Feb-17	-	271.70	271.70	248.65	147.38	271.70	-	-	-
1-Aug-17	10,868.00	271.70	11,139.70	248.65	147.38	271.70	10,868.00	-	10,868.00
1-Feb-18	-	-	-	-	-	-	-	-	-
1-Aug-18	10,868.00	-	-	-	-	-	10,868.00	-	10,868.00
1-Feb-19	-	-	-	-	-	-	-	-	-
1-Aug-19	10,868.00	-	-	-	-	-	10,868.00	-	10,868.00
1-Feb-20	-	-	-	-	-	-	-	-	-
1-Aug-20	10,868.00	-	-	-	-	-	10,868.00	-	10,868.00
1-Feb-21	-	-	-	-	-	-	-	-	-
1-Aug-21	10,868.00	-	-	-	-	-	10,868.00	-	10,868.00
1-Feb-22	-	-	-	-	-	-	-	-	-
	195,676.00	92,917.32	288,593.32	41,482.70	51,434.62	92,917.32	195,676.00	-	195,676.00

* Note: Interest, Equity Earnings and Contract Assistance Payments reflect partial first period.

Schedule of Loan Repayments

Initial Loan Obligation: 334,153.00

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	6,880.78	6,880.78	3,609.10	0.00	3,609.10	0.00	3,271.68
01-Aug-05	22,207.00	7,541.44	29,748.44	3,609.10	8,256.07	11,865.17	17,883.28	0.00	17,883.28
01-Feb-06	0.00	7,208.33	7,208.33	3,369.25	327.18	3,696.43	0.00	3,511.90	3,511.90
01-Aug-06	22,432.00	7,208.33	29,640.33	3,369.25	8,256.07	11,625.32	18,015.02	0.00	18,015.02
01-Feb-07	0.00	6,871.85	6,871.85	3,126.97	327.18	3,454.15	0.00	3,417.71	3,417.71
01-Aug-07	22,659.00	6,871.85	29,530.85	3,126.97	8,256.07	11,383.03	18,147.82	0.00	18,147.82
01-Feb-08	0.00	6,531.97	6,531.97	2,882.23	327.18	3,209.41	0.00	3,322.56	3,322.56
01-Aug-08	23,006.00	6,581.49	29,587.49	2,882.23	8,280.45	11,162.69	18,424.80	0.00	18,424.80
01-Feb-09	0.00	6,071.11	6,071.11	2,633.75	327.18	2,960.93	0.00	3,110.18	3,110.18
01-Aug-09	23,598.00	6,071.11	29,669.11	2,633.75	8,255.32	10,889.08	18,780.04	0.00	18,780.04
01-Feb-10	0.00	5,481.16	5,481.16	2,378.88	327.18	2,706.06	0.00	2,775.11	2,775.11
01-Aug-10	24,326.00	5,481.16	29,807.16	2,378.88	8,255.32	10,634.20	19,172.96	0.00	19,172.96
01-Feb-11	0.00	4,873.01	4,873.01	2,116.14	327.18	2,443.32	0.00	2,429.69	2,429.69
01-Aug-11	25,077.00	4,873.01	29,950.01	2,116.14	8,255.32	10,371.46	19,578.55	0.00	19,578.55
01-Feb-12	0.00	4,246.08	4,246.08	1,845.29	327.18	2,172.47	0.00	2,073.61	2,073.61
01-Aug-12	25,848.00	4,246.08	30,094.08	1,845.29	8,346.06	10,191.35	19,902.73	0.00	19,902.73
01-Feb-13	0.00	3,781.36	3,781.36	1,566.11	327.18	1,893.29	0.00	1,888.07	1,888.07
01-Aug-13	25,000.00	2,184.77	27,184.77	1,566.11	7,572.90	9,139.01	18,045.76	0.00	18,045.76
01-Feb-14	0.00	2,993.90	2,993.90	1,296.09	327.18	1,623.27	0.00	1,370.63	1,370.63
01-Aug-14	30,000.00	1,218.70	31,218.70	1,296.09	7,421.09	8,717.18	22,501.52	0.00	22,501.52
01-Feb-15	0.00	2,212.59	2,212.59	972.07	327.18	1,299.25	0.00	913.34	913.34
01-Aug-15	30,000.00	557.21	30,557.21	972.07	7,489.58	8,461.65	22,095.56	0.00	22,095.56
01-Feb-16	0.00	1,473.57	1,473.57	648.05	327.18	975.23	0.00	498.34	498.34
01-Aug-16	30,000.00	0.00	30,000.00	648.05	7,694.68 *	8,342.73	21,657.27	0.00	21,657.27
01-Feb-17	0.00	738.47	738.47	324.02	327.18	651.20	0.00	87.27	87.27
01-Aug-17	30,000.00	0.00	30,000.00	324.02	8,190.80 *	8,514.82	21,485.18	0.00	21,485.18
01-Feb-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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
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
	334,153.00	112,199.35	446,352.35	53,535.88	108,455.88	161,991.76	255,690.50	28,670.09	284,360.59

*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 and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 8
North Reading
CW-00-56
Preliminary Structuring Analysis

Estimated Net Borrower Debt Service

Date	Principal Outstanding	Debt Service [Net of Accrued Interest]	LESS DSRF Earnings @ 4.320300%	LESS Contract Assistance	Estimated Net Debt Service	PLUS Administrative Fee Payable @ 0.075000%	Estimated Total Payment	Estimated Total Payment [Fiscal Year ending] 30-Jun
26-Nov-02								
01-Feb-03	\$377,914.00	\$2,993.97	\$1,473.97	\$327.18	\$1,192.82	\$102.35	\$1,295.17	\$1,295.17
01-Aug-03	377,914.00	30,067.98	4,081.75	8,349.19	17,637.04	283.44	17,920.48	--
01-Feb-04	356,137.00	7,964.33	3,846.55	327.18	3,790.60	267.10	4,057.70	21,978.18
01-Aug-04	356,137.00	29,948.33	3,846.55	8,349.19	17,752.59	267.10	18,019.69	--
01-Feb-05	334,153.00	7,634.57	3,609.10	327.18	3,698.29	250.61	3,948.90	21,968.59
01-Aug-05	334,153.00	29,841.57	3,609.10	8,349.19	17,883.28	250.61	18,133.89	--
01-Feb-06	311,946.00	7,301.46	3,369.25	327.18	3,605.03	233.96	3,838.99	21,972.88
01-Aug-06	311,946.00	29,733.46	3,369.25	8,349.19	18,015.02	233.96	18,248.98	--
01-Feb-07	289,514.00	6,964.98	3,126.97	327.18	3,510.83	217.14	3,727.97	21,976.95
01-Aug-07	289,514.00	29,623.98	3,126.97	8,349.19	18,147.82	217.14	18,364.96	--
01-Feb-08	266,855.00	6,625.10	2,882.23	327.18	3,415.69	200.14	3,615.83	21,980.79
01-Aug-08	266,855.00	29,631.10	2,882.23	8,349.19	18,399.68	200.14	18,599.82	--
01-Feb-09	243,849.00	6,164.98	2,633.75	327.18	3,204.05	182.89	3,386.94	21,986.76
01-Aug-09	243,849.00	29,762.98	2,633.75	8,349.19	18,780.04	182.89	18,962.93	--
01-Feb-10	220,251.00	5,575.03	2,378.88	327.18	2,868.97	165.19	3,034.16	21,997.09
01-Aug-10	220,251.00	29,901.03	2,378.88	8,349.19	19,172.96	165.19	19,338.15	--
01-Feb-11	195,925.00	4,966.88	2,116.14	327.18	2,523.56	146.94	2,670.50	22,008.65
01-Aug-11	195,925.00	30,043.88	2,116.14	8,349.19	19,578.55	146.94	19,725.49	--
01-Feb-12	170,848.00	4,339.95	1,845.29	327.18	2,167.48	128.14	2,295.62	22,021.11
01-Aug-12	170,848.00	30,187.95	1,845.29	8,349.19	19,993.47	128.14	20,121.61	--
01-Feb-13	145,000.00	3,693.75	1,566.11	327.18	1,800.46	108.75	1,909.21	22,030.82
01-Aug-13	145,000.00	28,693.75	1,566.11	8,349.19	18,778.45	108.75	18,887.20	--
01-Feb-14	120,000.00	3,037.50	1,296.09	327.18	1,414.23	90.00	1,504.23	20,391.43
01-Aug-14	120,000.00	33,037.50	1,296.09	8,349.19	23,392.22	90.00	23,482.22	--
01-Feb-15	90,000.00	2,250.00	972.07	327.18	950.75	67.50	1,018.25	24,500.47
01-Aug-15	90,000.00	32,250.00	972.07	8,349.19	22,928.74	67.50	22,996.24	--
01-Feb-16	60,000.00	1,500.00	648.05	327.18	524.77	45.00	569.77	23,566.01
01-Aug-16	60,000.00	31,500.00	648.05	8,349.19	22,502.76	45.00	22,547.76	--
01-Feb-17	30,000.00	750.00	324.02	327.18	98.80	22.50	121.30	22,669.06
01-Aug-17	30,000.00	30,750.00	324.02	8,349.19	22,076.79	22.50	22,099.29	--
01-Feb-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22,099.29
01-Aug-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-20	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	--
01-Feb-21	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	--
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	--
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	--
		\$526,736.01	\$66,784.72	\$130,145.57	\$329,805.72	\$4,637.51	\$334,443.23	\$334,443.23

Average Annual Net Debt Service \$22,465.17

Massachusetts Water Pollution Abatement Trust
 Water Pollution Abatement Revenue Bonds
 (Pool Loan Program Bonds)
 Series 10
 North Reading
 CW-03-16
 Final Loan Structuring Analysis

AMENDED SCHEDULE C

Net Borrower Savings due to 2006 Refunding:	9,947.73
G.E.	2.00%

Schedule of Loan Repayments

Initial Loan Obligation: 345,732.00

Date	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayment		
	Principal	Interest	Total	DSRF Earnings	Contract Assistance	Total	Principal	Interest	Total
01-Feb-07	0.00	8,454.35	8,454.35	2,258.21	458.19	2,716.40	0.00	5,737.95	5,737.95
01-Aug-07	14,110.00	8,198.30	22,308.30	2,258.21	1,449.75	3,707.96	14,110.00	4,490.34	18,600.34
01-Feb-08	0.00	7,845.55	7,845.55	2,166.05	421.10	2,587.15	0.00	5,258.41	5,258.41
01-Aug-08	14,491.00	7,845.55	22,336.55	2,166.05	1,449.75	3,615.80	14,491.00	4,229.76	18,720.76
01-Feb-09	0.00	7,628.18	7,628.18	2,071.40	421.10	2,492.50	0.00	5,135.69	5,135.69
01-Aug-09	14,891.00	7,628.18	22,519.18	2,071.40	1,449.75	3,521.15	14,891.00	4,107.04	18,998.04
01-Feb-10	0.00	7,255.91	7,255.91	1,974.13	421.10	2,395.23	0.00	4,860.68	4,860.68
01-Aug-10	15,455.00	7,255.91	22,710.91	1,974.13	1,449.75	3,423.88	15,455.00	3,832.03	19,287.03
01-Feb-11	0.00	6,869.53	6,869.53	1,873.19	421.10	2,294.29	0.00	4,575.25	4,575.25
01-Aug-11	15,877.00	6,869.53	22,746.53	1,873.19	1,449.75	3,322.94	15,877.00	3,546.60	19,423.60
01-Feb-12	0.00	6,631.38	6,631.38	1,769.48	421.10	2,190.58	0.00	4,440.80	4,440.80
01-Aug-12	16,315.00	6,631.38	22,946.38	1,769.48	1,449.75	3,219.23	16,315.00	3,412.15	19,727.15
01-Feb-13	0.00	6,223.50	6,223.50	1,662.92	421.10	2,084.02	0.00	4,139.49	4,139.49
01-Aug-13	16,954.00	6,223.50	23,177.50	1,662.92	1,449.75	3,112.67	16,954.00	3,110.84	20,064.84
01-Feb-14	0.00	5,778.46	5,778.46	1,552.18	421.10	1,973.28	0.00	3,805.18	3,805.18
01-Aug-14	17,639.00	5,778.46	23,417.46	1,552.18	1,449.75	3,001.93	17,639.00	2,776.53	20,415.53
01-Feb-15	0.00	5,315.43	5,315.43	1,436.97	421.10	1,858.07	0.00	3,457.37	3,457.37
01-Aug-15	20,000.00	5,315.43	25,315.43	1,436.97	1,449.75	2,886.72	20,000.00	2,428.72	22,428.72
01-Feb-16	0.00	4,790.43	4,790.43	1,306.34	421.10	1,727.43	0.00	3,063.00	3,063.00
01-Aug-16	20,000.00	4,433.64	24,433.64	1,306.34	1,393.92	2,700.26	20,000.00	1,733.38	21,733.38
01-Feb-17	0.00	4,293.77	4,293.77	1,175.70	425.53	1,601.23	0.00	2,692.53	2,692.53
01-Aug-17	20,000.00	3,916.37	23,916.37	1,175.70	1,395.13	2,570.84	20,000.00	1,345.53	21,345.53
01-Feb-18	0.00	3,783.11	3,783.11	1,045.07	427.78	1,472.85	0.00	2,310.27	2,310.27
01-Aug-18	20,000.00	3,423.55	23,423.55	1,045.07	1,400.17	2,445.24	20,000.00	978.31	20,978.31
01-Feb-19	0.00	3,282.29	3,282.29	914.44	427.65	1,342.08	0.00	1,940.21	1,940.21
01-Aug-19	20,000.00	2,954.89	22,954.89	914.44	1,405.07	2,319.51	20,000.00	635.38	20,635.38
01-Feb-20	0.00	2,782.34	2,782.34	783.80	427.66	1,211.46	0.00	1,570.88	1,570.88
01-Aug-20	20,000.00	2,491.27	22,491.27	783.80	1,410.76	2,194.57	20,000.00	296.70	20,296.70
01-Feb-21	0.00	2,283.98	2,283.98	653.17	427.91	1,081.08	0.00	1,202.90	1,202.90
01-Aug-21	25,000.00	1,918.74	26,918.74	653.17	1,399.42	2,052.58	24,866.16	0.00	24,866.16
01-Feb-22	0.00	1,676.73	1,676.73	489.88	430.69	920.56	0.00	756.16	756.16
01-Aug-22	25,000.00	1,183.63	26,183.63	489.88	1,382.19	1,872.07	24,311.57	0.00	24,311.57
01-Feb-23	0.00	1,145.75	1,145.75	326.58	445.40	771.98	0.00	373.77	373.77
01-Aug-23	25,000.00	457.56	25,457.56	326.58	1,390.84	1,717.42	23,740.13	0.00	23,740.13
01-Feb-24	0.00	596.00	596.00	163.29	432.71	596.00	0.00	0.00	0.00
01-Aug-24	25,000.00	0.00	25,000.00	163.29	1,514.24	1,677.53	23,322.47	0.00	23,322.47
01-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	\$345,732.00	\$169,162.64	\$514,894.64	\$47,245.60	\$33,432.89	\$80,678.49	\$341,972.32	\$92,243.83	\$434,216.15

Pool Program Bonds, Pool 10

North Reading

CW-03-16

Financial Equivalent Interest Rate: 2.00%

Final Structuring Analysis

Schedule of Loan Repayments

Initial Loan Obligation: \$372,977.00				Loan Subsidy Amounts			Net Loan Repayments		
Date	Scheduled Loan Repayments			Equity Earnings	Contract Assistance Payments	Total	Principal	Interest	Total
	Principal	Interest	Total						
23-Nov-04									
01-Feb-05	\$0.00	\$3,336.81	\$3,336.81	\$920.33	\$2,416.48	\$3,336.81	\$0.00	\$0.00	\$0.00
01-Aug-05	13,518.00	8,832.75	22,350.75	2,436.17	1,490.36	3,926.53	13,518.00	4,906.22	18,424.22
01-Feb-06	0.00	8,663.77	8,663.77	2,347.87	461.71	2,809.58	0.00	5,854.19	5,854.19
01-Aug-06	13,727.00	8,663.77	22,390.77	2,347.87	1,490.36	3,838.23	13,727.00	4,825.54	18,552.54
01-Feb-07	0.00	8,457.87	8,457.87	2,258.21	461.71	2,719.92	0.00	5,737.95	5,737.95
01-Aug-07	14,110.00	8,457.87	22,567.87	2,258.21	1,490.36	3,748.57	14,110.00	4,709.30	18,819.30
01-Feb-08	0.00	8,105.12	8,105.12	2,166.05	461.71	2,627.76	0.00	5,477.36	5,477.36
01-Aug-08	14,491.00	8,105.12	22,596.12	2,166.05	1,490.36	3,656.41	14,491.00	4,448.71	18,939.71
01-Feb-09	0.00	7,887.75	7,887.75	2,071.40	461.71	2,533.11	0.00	5,354.64	5,354.64
01-Aug-09	14,891.00	7,887.75	22,778.75	2,071.40	1,490.36	3,561.76	14,891.00	4,325.99	19,216.99
01-Feb-10	0.00	7,515.48	7,515.48	1,974.13	461.71	2,435.84	0.00	5,079.64	5,079.64
01-Aug-10	15,455.00	7,515.48	22,970.48	1,974.13	1,490.36	3,464.49	15,455.00	4,050.99	19,505.99
01-Feb-11	0.00	7,129.10	7,129.10	1,873.19	461.71	2,334.90	0.00	4,794.20	4,794.20
01-Aug-11	15,877.00	7,129.10	23,006.10	1,873.19	1,490.36	3,363.55	15,877.00	3,765.55	19,642.55
01-Feb-12	0.00	6,890.95	6,890.95	1,769.48	461.71	2,231.19	0.00	4,659.76	4,659.76
01-Aug-12	16,315.00	6,890.95	23,205.95	1,769.48	1,490.36	3,259.84	16,315.00	3,631.11	19,946.11
01-Feb-13	0.00	6,483.07	6,483.07	1,662.92	461.71	2,124.63	0.00	4,358.44	4,358.44
01-Aug-13	16,954.00	6,483.07	23,437.07	1,662.92	1,490.36	3,153.28	16,954.00	3,329.79	20,283.79
01-Feb-14	0.00	6,038.03	6,038.03	1,552.18	461.71	2,013.89	0.00	4,024.14	4,024.14
01-Aug-14	17,639.00	6,038.03	23,677.03	1,552.18	1,490.36	3,042.54	17,639.00	2,995.49	20,634.49
01-Feb-15	0.00	5,575.00	5,575.00	1,436.97	461.71	1,898.68	0.00	3,676.32	3,676.32
01-Aug-15	20,000.00	5,575.00	25,575.00	1,436.97	1,490.36	2,927.33	20,000.00	2,647.67	22,647.67
01-Feb-16	0.00	5,050.00	5,050.00	1,306.34	461.71	1,768.05	0.00	3,281.95	3,281.95
01-Aug-16	20,000.00	5,050.00	25,050.00	1,306.34	1,490.36	2,796.70	20,000.00	2,253.30	22,253.30
01-Feb-17	0.00	4,525.00	4,525.00	1,175.70	461.71	1,637.41	0.00	2,887.59	2,887.59
01-Aug-17	20,000.00	4,525.00	24,525.00	1,175.70	1,490.36	2,666.06	20,000.00	1,858.94	21,858.94
01-Feb-18	0.00	4,000.00	4,000.00	1,045.07	461.71	1,506.78	0.00	2,493.22	2,493.22
01-Aug-18	20,000.00	4,000.00	24,000.00	1,045.07	1,490.36	2,535.43	20,000.00	1,464.57	21,464.57
01-Feb-19	0.00	3,500.00	3,500.00	914.44	461.71	1,376.15	0.00	2,123.85	2,123.85
01-Aug-19	20,000.00	3,500.00	23,500.00	914.44	1,490.36	2,404.80	20,000.00	1,095.20	21,095.20
01-Feb-20	0.00	3,000.00	3,000.00	783.80	461.71	1,245.51	0.00	1,754.49	1,754.49
01-Aug-20	20,000.00	3,000.00	23,000.00	783.80	1,490.36	2,274.16	20,000.00	725.84	20,725.84
01-Feb-21	0.00	2,500.00	2,500.00	653.17	461.71	1,114.88	0.00	1,385.12	1,385.12
01-Aug-21	25,000.00	2,500.00	27,500.00	653.17	1,490.36	2,143.53	25,000.00	356.47	25,356.47
01-Feb-22	0.00	1,875.00	1,875.00	489.88	461.71	951.59	0.00	923.41	923.41
01-Aug-22	25,000.00	1,875.00	26,875.00	489.88	1,490.36	1,980.24	24,894.76	0.00	24,894.76
01-Feb-23	0.00	1,250.00	1,250.00	326.58	461.71	788.29	0.00	461.71	461.71
01-Aug-23	25,000.00	1,250.00	26,250.00	326.58	1,490.36	1,816.94	24,433.06	0.00	24,433.06
01-Feb-24	0.00	625.00	625.00	163.29	461.71	625.00	0.00	0.00	0.00
01-Aug-24	25,000.00	625.00	25,625.00	163.29	1,490.36	1,653.65	23,971.35	0.00	23,971.35
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
	\$372,977.00	\$210,311.84	\$583,288.84	\$55,297.84	\$40,996.17	\$96,294.01	\$371,276.17	\$115,718.66	\$486,994.83

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

North Reading
 W-03-16
 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	\$372,977.00	\$3,336.81	920.33	\$2,416.48	\$0.00	\$105.68	\$105.68	\$105.68
01-Aug-05	372,977.00	22,350.75	2,436.17	1,490.36	18,424.22	279.73	18,703.95	--
01-Feb-06	359,459.00	8,663.77	2,347.87	461.71	5,854.19	269.59	6,123.78	24,827.73
01-Aug-06	359,459.00	22,390.77	2,347.87	1,490.36	18,552.54	269.59	18,822.13	--
01-Feb-07	345,732.00	8,457.87	2,258.21	461.71	5,737.95	259.30	5,997.25	24,819.38
01-Aug-07	345,732.00	22,567.87	2,258.21	1,490.36	18,819.30	259.30	19,078.60	--
01-Feb-08	331,622.00	8,105.12	2,166.05	461.71	5,477.36	248.72	5,726.08	24,804.68
01-Aug-08	331,622.00	22,596.12	2,166.05	1,490.36	18,939.71	248.72	19,188.43	--
01-Feb-09	317,131.00	7,887.75	2,071.40	461.71	5,354.64	237.85	5,592.49	24,780.92
01-Aug-09	317,131.00	22,778.75	2,071.40	1,490.36	19,216.99	237.85	19,454.84	--
01-Feb-10	302,240.00	7,515.48	1,974.13	461.71	5,079.64	226.68	5,306.32	24,761.16
01-Aug-10	302,240.00	22,970.48	1,974.13	1,490.36	19,505.99	226.68	19,732.67	--
01-Feb-11	286,785.00	7,129.10	1,873.19	461.71	4,794.20	215.09	5,009.29	24,741.96
01-Aug-11	286,785.00	23,006.10	1,873.19	1,490.36	19,642.55	215.09	19,857.64	--
01-Feb-12	270,908.00	6,890.95	1,769.48	461.71	4,659.76	203.18	4,862.94	24,720.58
01-Aug-12	270,908.00	23,205.95	1,769.48	1,490.36	19,946.11	203.18	20,149.29	--
01-Feb-13	254,593.00	6,483.07	1,662.92	461.71	4,358.44	190.94	4,549.38	24,698.67
01-Aug-13	254,593.00	23,437.07	1,662.92	1,490.36	20,283.79	190.94	20,474.73	--
01-Feb-14	237,639.00	6,038.03	1,552.18	461.71	4,024.14	178.23	4,202.37	24,677.10
01-Aug-14	237,639.00	23,677.03	1,552.18	1,490.36	20,634.49	178.23	20,812.72	--
01-Feb-15	220,000.00	5,575.00	1,436.97	461.71	3,676.32	165.00	3,841.32	24,654.04
01-Aug-15	220,000.00	25,575.00	1,436.97	1,490.36	22,647.67	165.00	22,812.67	--
01-Feb-16	200,000.00	5,050.00	1,306.34	461.71	3,281.95	150.00	3,431.95	26,244.62
01-Aug-16	200,000.00	25,050.00	1,306.34	1,490.36	22,253.30	150.00	22,403.30	--
01-Feb-17	180,000.00	4,525.00	1,175.70	461.71	2,887.59	135.00	3,022.59	25,425.89
01-Aug-17	180,000.00	24,525.00	1,175.70	1,490.36	21,858.94	135.00	21,993.94	--
01-Feb-18	160,000.00	4,000.00	1,045.07	461.71	2,493.22	120.00	2,613.22	24,607.16
01-Aug-18	160,000.00	24,000.00	1,045.07	1,490.36	21,464.57	120.00	21,584.57	--
01-Feb-19	140,000.00	3,500.00	914.44	461.71	2,123.85	105.00	2,228.85	23,813.42
01-Aug-19	140,000.00	23,500.00	914.44	1,490.36	21,095.20	105.00	21,200.20	--
01-Feb-20	120,000.00	3,000.00	783.80	461.71	1,754.49	90.00	1,844.49	23,044.69
01-Aug-20	120,000.00	23,000.00	783.80	1,490.36	20,725.84	90.00	20,815.84	--
01-Feb-21	100,000.00	2,500.00	653.17	461.71	1,385.12	75.00	1,460.12	22,275.96
01-Aug-21	100,000.00	27,500.00	653.17	1,490.36	25,356.47	75.00	25,431.47	--
01-Feb-22	75,000.00	1,875.00	489.88	461.71	923.41	56.25	979.66	26,411.13
01-Aug-22	75,000.00	26,875.00	489.88	1,490.36	24,894.76	56.25	24,951.01	--
01-Feb-23	50,000.00	1,250.00	326.58	461.71	461.71	37.50	499.21	25,450.22
01-Aug-23	50,000.00	26,250.00	326.58	1,490.36	24,433.06	37.50	24,470.56	--
01-Feb-24	25,000.00	625.00	163.29	461.71	0.00	18.75	18.75	24,489.31
01-Aug-24	25,000.00	25,625.00	163.29	1,490.36	23,971.35	18.75	23,990.10	--
01-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23,990.10
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	--
		\$583,288.84	\$55,297.84	\$40,996.17	\$486,994.83	\$6,349.57	\$493,344.40	\$493,344.40

Average Annual Net Debt Service: \$24,734.50