

Massachusetts Water Pollution Abatement Trust
 Water Pollution Abatement Revenue Bonds
 (Pool Loan Program Bonds)
 Series 4
 Newton
 98-04
 Final Loan Structuring Analysis

Revised Schedule C

Schedule of Loan Repayments

Initial Loan Obligation:		1,941,600.00		Loan Subsidy Amounts			G.E. 50.00%		
	Scheduled Loan Repayments			DSRF Earnings	Contract Assistance	Total	Net Loan Repayment		
	Principal	Interest	Total				Principal	Interest	Total
01-Feb-05	0.00	42,719.26	42,719.26	22,210.93	570.46	22,781.39	0.00	19,937.87	19,937.87
01-Aug-05	120,500.00	40,459.00	160,959.00	22,210.93	45,533.69	67,744.62	93,214.38	0.00	93,214.38
01-Feb-06	0.00	47,287.71	47,287.71	20,832.47	2,313.42	23,145.89	0.00	24,141.82	24,141.82
01-Aug-06	123,300.00	38,412.93	161,712.93	20,832.47	46,657.02	67,489.49	94,223.44	0.00	94,223.44
01-Feb-07	0.00	46,087.94	46,087.94	19,421.98	2,313.42	21,735.40	0.00	24,352.53	24,352.53
01-Aug-07	126,900.00	31,882.52	158,782.52	19,421.98	45,908.25	65,330.24	93,452.29	0.00	93,452.29
01-Feb-08	0.00	44,865.82	44,865.82	17,970.31	2,313.42	20,283.73	0.00	24,582.09	24,582.09
01-Aug-08	130,100.00	26,759.64	156,859.64	17,970.31	45,655.74	63,626.05	93,233.59	0.00	93,233.59
01-Feb-09	0.00	43,546.55	43,546.55	16,482.03	2,313.42	18,795.45	0.00	24,751.10	24,751.10
01-Aug-09	133,500.00	20,285.56	153,785.56	16,482.03	43,747.50	60,229.53	93,556.03	0.00	93,556.03
01-Feb-10	0.00	40,018.59	40,018.59	14,954.86	2,313.42	17,268.28	0.00	22,750.31	22,750.31
01-Aug-10	137,500.00	22,358.06	159,858.06	14,954.86	45,928.33	60,883.19	98,974.88	0.00	98,974.88
01-Feb-11	0.00	35,363.37	35,363.37	13,381.93	2,313.42	15,695.35	0.00	19,668.02	19,668.02
01-Aug-11	141,700.00	12,351.04	154,051.04	13,381.93	42,171.67	55,553.60	98,497.44	0.00	98,497.44
01-Feb-12	0.00	30,702.57	30,702.57	11,760.95	2,313.42	14,074.37	0.00	16,628.20	16,628.20
01-Aug-12	75,500.00	84,041.92	159,541.92	11,760.95	46,159.71	57,920.66	75,500.00	26,121.26	101,621.26
01-Feb-13	0.00	30,167.23	30,167.23	10,897.27	2,313.42	13,210.69	0.00	16,956.54	16,956.54
01-Aug-13	147,200.00	15,296.85	162,496.85	10,897.27	44,444.08	55,341.35	107,155.50	0.00	107,155.50
01-Feb-14	0.00	24,898.52	24,898.52	9,213.37	2,313.42	11,526.79	0.00	13,371.73	13,371.73
01-Aug-14	151,700.00	15,958.59	167,658.59	9,213.37	45,832.17	55,045.55	112,613.04	0.00	112,613.04
01-Feb-15	0.00	19,353.66	19,353.66	7,478.00	2,313.42	9,791.42	0.00	9,562.24	9,562.24
01-Aug-15	156,300.00	13,634.46	169,934.46	7,478.00	45,716.16	53,194.16	116,740.30	0.00	116,740.30
01-Feb-16	0.00	13,553.26	13,553.26	5,690.01	2,313.42	8,003.43	0.00	5,549.83	5,549.83
01-Aug-16	161,000.00	11,326.04	172,326.04	5,690.01	46,055.73	51,745.74	120,580.31	0.00	120,580.31
01-Feb-17	0.00	8,313.71	8,313.71	3,848.25	2,265.27	6,113.52	0.00	2,200.19	2,200.19
01-Aug-17	165,800.00	4,461.94	170,261.94	3,848.25	44,686.49	48,534.74	121,727.20	0.00	121,727.20
01-Feb-18	0.00	4,265.00	4,265.00	1,951.58	2,313.42	4,265.00	0.00	0.00	0.00
01-Aug-18	170,600.00	4,265.00	174,865.00	1,951.58	46,660.52	48,612.10	126,252.90	0.00	126,252.90
01-Feb-19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	\$1,941,600.00	\$772,636.73	\$2,714,236.73	\$352,187.89	\$665,753.84	\$1,017,941.73	\$1,445,721.28	\$250,573.72	\$1,696,295.01

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

Series 4

Newton

98-04

Loan Structuring Analysis

Estimated Net Borrower Debt Service

Date	Principal Outstanding	Debt Service [Net of Accrued Interest]	LESS DSRF Earnings @ 4.575800%	LESS Contract Assistance	Estimated Net Debt Service	PLUS Administrative Fee Payable @ 0.075%	Estimated Total Payment	Estimated Total Payment [Fiscal Year ending] 30-Jun
09-Dec-1998								
01-Aug-1999	\$2,618,600.00	\$184,754.52	\$38,609.28	\$69,990.78	\$76,154.46	\$2,531.31	\$78,685.77	--
01-Feb-2000	2,511,200.00	57,734.19	28,726.87	2,313.42	26,693.90	1,883.40	28,577.30	\$107,263.07
01-Aug-2000	2,511,200.00	167,334.19	28,726.87	46,660.52	91,946.80	1,883.40	93,830.20	--
01-Feb-2001	2,401,600.00	55,405.19	27,473.10	2,313.42	25,618.67	1,801.20	27,419.87	121,250.07
01-Aug-2001	2,401,600.00	167,205.19	27,473.10	46,660.52	93,071.57	1,801.20	94,872.77	--
01-Feb-2002	2,289,800.00	53,169.19	26,194.17	2,313.42	24,661.60	1,717.35	26,378.95	121,251.72
01-Aug-2002	2,289,800.00	167,069.19	26,194.17	46,660.52	94,214.50	1,717.35	95,931.85	--
01-Feb-2003	2,175,900.00	50,891.19	24,891.21	2,313.42	23,686.56	1,631.93	25,318.49	121,250.34
01-Aug-2003	2,175,900.00	166,991.19	24,891.21	46,660.52	95,439.46	1,631.93	97,071.39	--
01-Feb-2004	2,059,800.00	48,569.19	23,563.08	2,313.42	22,692.69	1,544.85	24,237.54	121,308.93
01-Aug-2004	2,059,800.00	166,769.19	23,563.08	46,660.52	96,545.59	1,544.85	98,090.44	--
01-Feb-2005	1,941,600.00	46,205.19	22,210.93	2,313.42	21,680.84	1,456.20	23,137.04	121,227.48
01-Aug-2005	1,941,600.00	166,705.19	22,210.93	46,660.52	97,833.74	1,456.20	99,289.94	--
01-Feb-2006	1,821,100.00	43,795.19	20,832.47	2,313.42	20,649.30	1,365.83	22,015.13	121,305.07
01-Aug-2006	1,821,100.00	167,095.19	20,832.47	46,660.52	99,602.20	1,365.83	100,968.03	--
01-Feb-2007	1,697,800.00	40,712.69	19,421.98	2,313.42	18,977.29	1,273.35	20,250.64	121,218.67
01-Aug-2007	1,697,800.00	167,612.69	19,421.98	46,660.52	101,530.19	1,273.35	102,803.54	--
01-Feb-2008	1,570,900.00	37,540.19	17,970.31	2,313.42	17,256.46	1,178.18	18,434.64	121,238.18
01-Aug-2008	1,570,900.00	167,640.19	17,970.31	46,660.52	103,009.36	1,178.18	104,187.54	--
01-Feb-2009	1,440,800.00	34,775.56	16,482.03	2,313.42	15,980.11	1,080.60	17,060.71	121,248.25
01-Aug-2009	1,440,800.00	168,275.56	16,482.03	46,660.52	105,133.01	1,080.60	106,213.61	--
01-Feb-2010	1,307,300.00	31,354.63	14,954.86	2,313.42	14,086.35	980.48	15,066.83	121,280.44
01-Aug-2010	1,307,300.00	168,854.63	14,954.86	46,660.52	107,239.25	980.48	108,219.73	--
01-Feb-2011	1,169,800.00	27,831.19	13,381.93	2,313.42	12,135.84	877.35	13,013.19	121,232.92
01-Aug-2011	1,169,800.00	169,531.19	13,381.93	46,660.52	109,488.74	877.35	110,366.09	--
01-Feb-2012	1,028,100.00	24,200.13	11,760.95	2,313.42	10,125.76	771.08	10,896.84	121,262.93
Aug-2012	1,028,100.00	166,510.64	11,760.95	46,660.52	108,089.17	771.08	108,860.25	--
01-Feb-2013	952,600.00	24,200.13	10,897.27	2,313.42	10,989.44	714.45	11,703.89	120,564.14
01-Aug-2013	952,600.00	171,400.13	10,897.27	46,660.52	113,842.34	714.45	114,556.79	--
01-Feb-2014	805,400.00	20,428.13	9,213.37	2,313.42	8,901.34	604.05	9,505.39	124,062.18
01-Aug-2014	805,400.00	172,128.13	9,213.37	46,660.52	116,254.24	604.05	116,858.29	--
01-Feb-2015	653,700.00	16,540.81	7,478.00	2,313.42	6,749.39	490.28	7,239.67	124,097.96
01-Aug-2015	653,700.00	172,840.81	7,478.00	46,660.52	118,702.29	490.28	119,192.57	--
01-Feb-2016	497,400.00	12,535.63	5,690.01	2,313.42	4,532.20	373.05	4,905.25	124,097.82
01-Aug-2016	497,400.00	173,535.63	5,690.01	46,660.52	121,185.10	373.05	121,558.15	--
01-Feb-2017	336,400.00	8,410.00	3,848.25	2,313.42	2,248.33	252.30	2,500.63	124,058.78
01-Aug-2017	336,400.00	174,210.00	3,848.25	46,660.52	123,701.23	252.30	123,953.53	--
01-Feb-2018	170,600.00	4,265.00	1,951.58	2,313.42	0.00	127.95	127.95	124,081.48
01-Aug-2018	170,600.00	174,865.00	1,951.58	46,660.52	126,252.90	127.95	126,380.85	--
01-Feb-2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	126,380.85
01-Aug-2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-2022	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-2022	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-2024	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-2024	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-2025	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-2025	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-2027	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-2027	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-2029	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-2029	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-2030	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		\$4,039,891.87	\$652,494.02	\$1,000,495.69	\$2,386,902.21	\$42,779.07	\$2,429,681.28	\$2,429,681.28

may not add due to penny rounding.

Massachusetts Water Pollution Abatement Trust
 Water Pollution Abatement Revenue Bonds
 (Pool Loan Program Bonds)
 Series 5
 Newton
 98-95
 Final Loan Structuring Analysis

AMENDED SCHEDULE C

G.E. 50.00%

Schedule of Loan Repayments

Initial Loan Obligation: 92,349.00

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	2,155.90	2,155.90	1,229.67	0.00	1,229.67	0.00	926.23	926.23
01-Aug-05	5,187.00	2,283.74	7,470.74	1,229.67	2,185.16	3,414.83	4,055.92	0.00	4,055.92
01-Feb-06	0.00	2,403.28	2,403.28	1,160.61	141.84	1,302.45	0.00	1,100.83	1,100.83
01-Aug-06	5,316.00	2,065.88	7,381.88	1,160.61	2,172.52	3,333.12	4,048.75	0.00	4,048.75
01-Feb-07	0.00	2,339.61	2,339.61	1,089.82	141.84	1,231.66	0.00	1,107.95	1,107.95
01-Aug-07	5,469.00	1,981.87	7,450.87	1,089.82	2,239.16	3,328.98	4,121.89	0.00	4,121.89
01-Feb-08	0.00	2,273.79	2,273.79	1,017.00	141.84	1,158.84	0.00	1,114.95	1,114.95
01-Aug-08	5,613.00	1,625.86	7,238.86	1,017.00	2,172.91	3,189.90	4,048.95	0.00	4,048.95
01-Feb-09	0.00	2,219.02	2,219.02	942.26	141.84	1,084.10	0.00	1,134.93	1,134.93
01-Aug-09	5,764.00	1,544.27	7,308.27	942.26	2,244.48	3,186.74	4,121.53	0.00	4,121.53
01-Feb-10	0.00	2,157.75	2,157.75	865.51	141.84	1,007.35	0.00	1,150.40	1,150.40
01-Aug-10	5,000.00	1,015.43	6,015.43	865.51	2,031.81	2,897.31	3,118.12	0.00	3,118.12
01-Feb-11	0.00	1,984.94	1,984.94	798.93	141.84	940.77	0.00	1,044.17	1,044.17
01-Aug-11	5,000.00	1,025.82	6,025.82	798.93	2,133.83	2,932.76	3,093.06	0.00	3,093.06
01-Feb-12	0.00	1,919.23	1,919.23	732.35	141.84	874.19	0.00	1,045.03	1,045.03
01-Aug-12	5,000.00	1,141.58	6,141.58	732.35	2,191.73	2,924.08	3,217.49	0.00	3,217.49
01-Feb-13	0.00	1,647.38	1,647.38	665.78	141.84	807.62	0.00	839.77	839.77
01-Aug-13	5,000.00	1,066.13	6,066.13	665.78	2,239.35	2,905.12	3,161.01	0.00	3,161.01
01-Feb-14	0.00	1,543.07	1,543.07	599.20	141.84	741.04	0.00	802.03	802.03
01-Aug-14	5,000.00	992.59	5,992.59	599.20	2,194.67	2,793.87	3,198.72	0.00	3,198.72
01-Feb-15	0.00	1,252.25	1,252.25	532.62	141.84	674.46	0.00	577.79	577.79
01-Aug-15	5,000.00	919.27	5,919.27	532.62	2,194.02	2,726.64	3,192.63	0.00	3,192.63
01-Feb-16	0.00	1,055.52	1,055.52	466.04	141.84	607.88	0.00	447.64	447.64
01-Aug-16	5,000.00	855.41	5,855.41	466.04	2,201.52	2,667.56	3,187.85	0.00	3,187.85
01-Feb-17	0.00	859.37	859.37	399.47	141.84	541.31	0.00	318.07	318.07
01-Aug-17	10,000.00	716.20	10,716.20	399.47	2,199.10	2,598.56	8,117.63	0.00	8,117.63
01-Feb-18	0.00	487.71	487.71	266.31	104.45	370.76	0.00	116.96	116.96
01-Aug-18	10,000.00	542.20	10,542.20	266.31	2,291.86	2,558.17	7,984.03	0.00	7,984.03
01-Feb-19	0.00	202.98	202.98	133.16	69.82	202.98	0.00	0.00	0.00
01-Aug-19	10,000.00	275.00	10,275.00	133.16	2,266.00	2,399.16	7,875.84	0.00	7,875.84
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
	\$92,349.00	\$42,553.05	\$134,902.05	\$21,797.43	\$34,834.45	\$56,631.88	\$66,543.44	\$11,726.73	\$78,270.17

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

Newton
98-95

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	116,902.00	56.02
01-Aug-2000	116,902.00	87.68
01-Feb-2001	112,153.00	84.11
01-Aug-2001	112,153.00	84.11
01-Feb-2002	107,327.00	80.50
01-Aug-2002	107,327.00	80.50
01-Feb-2003	102,423.00	76.82
01-Aug-2003	102,423.00	76.82
01-Feb-2004	97,433.00	73.07
01-Aug-2004	97,433.00	73.07
01-Feb-2005	92,349.00	69.26
01-Aug-2005	92,349.00	69.26
01-Feb-2006	87,162.00	65.37
01-Aug-2006	87,162.00	65.37
01-Feb-2007	81,846.00	61.38
01-Aug-2007	81,846.00	61.38
01-Feb-2008	76,377.00	57.28
01-Aug-2008	76,377.00	57.28
01-Feb-2009	70,764.00	53.07
01-Aug-2009	70,764.00	53.07
01-Feb-2010	65,000.00	48.75
01-Aug-2010	65,000.00	48.75
01-Feb-2011	60,000.00	45.00
01-Aug-2011	60,000.00	45.00
01-Feb-2012	55,000.00	41.25
01-Aug-2012	55,000.00	41.25
01-Feb-2013	50,000.00	37.50
01-Aug-2013	50,000.00	37.50
01-Feb-2014	45,000.00	33.75
01-Aug-2014	45,000.00	33.75
01-Feb-2015	40,000.00	30.00
01-Aug-2015	40,000.00	30.00
01-Feb-2016	35,000.00	26.25
01-Aug-2016	35,000.00	26.25
01-Feb-2017	30,000.00	22.50
01-Aug-2017	30,000.00	22.50
01-Feb-2018	20,000.00	15.00
01-Aug-2018	20,000.00	15.00
01-Feb-2019	10,000.00	7.50
01-Aug-2019	10,000.00	7.50
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>\$2,000.42</u>

G.E. 50.00%

Schedule of Loan Repayments

Initial Loan Obligation: 306,666.00

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	7,253.48	7,253.48	4,083.41	0.00	4,083.41	0.00	3,170.07
01-Aug-05	16,447.00	7,561.07	24,008.07	4,083.41	7,297.71	11,381.12	12,626.94	0.00	12,626.94
01-Feb-06	0.00	7,984.72	7,984.72	3,864.41	354.61	4,219.02	0.00	3,765.70	3,765.70
01-Aug-06	16,853.00	6,851.14	23,704.14	3,864.41	7,255.25	11,119.66	12,584.48	0.00	12,584.48
01-Feb-07	0.00	7,797.27	7,797.27	3,640.00	354.61	3,994.61	0.00	3,802.66	3,802.66
01-Aug-07	17,333.00	6,595.36	23,928.36	3,640.00	7,479.15	11,119.15	12,809.20	0.00	12,809.20
01-Feb-08	0.00	7,603.47	7,603.47	3,409.21	354.61	3,763.82	0.00	3,839.65	3,839.65
01-Aug-08	17,786.00	5,426.59	23,212.59	3,409.21	7,256.56	10,665.76	12,546.82	0.00	12,546.82
01-Feb-09	0.00	7,445.21	7,445.21	3,172.38	354.61	3,526.99	0.00	3,918.22	3,918.22
01-Aug-09	18,247.00	5,178.20	23,425.20	3,172.38	7,497.03	10,669.40	12,755.80	0.00	12,755.80
01-Feb-10	0.00	7,268.68	7,268.68	2,929.41	354.61	3,284.02	0.00	3,984.66	3,984.66
01-Aug-10	20,000.00	3,161.84	23,161.84	2,929.41	6,701.90	9,631.31	13,530.53	0.00	13,530.53
01-Feb-11	0.00	6,715.80	6,715.80	2,663.10	354.61	3,017.71	0.00	3,698.09	3,698.09
01-Aug-11	20,000.00	3,150.92	23,150.92	2,663.10	7,077.27	9,740.37	13,410.55	0.00	13,410.55
01-Feb-12	0.00	6,439.95	6,439.95	2,396.79	354.61	2,751.40	0.00	3,688.55	3,688.55
01-Aug-12	20,000.00	3,548.44	23,548.44	2,396.79	7,293.52	9,690.31	13,858.14	0.00	13,858.14
01-Feb-13	0.00	5,387.43	5,387.43	2,130.48	354.61	2,485.09	0.00	2,902.34	2,902.34
01-Aug-13	20,000.00	3,232.31	23,232.31	2,130.48	7,470.62	9,601.10	13,631.21	0.00	13,631.21
01-Feb-14	0.00	4,957.77	4,957.77	1,864.17	354.61	2,218.78	0.00	2,738.99	2,738.99
01-Aug-14	20,000.00	2,922.18	22,922.18	1,864.17	7,305.96	9,170.13	13,752.04	0.00	13,752.04
01-Feb-15	0.00	3,838.59	3,838.59	1,597.86	354.61	1,952.47	0.00	1,886.12	1,886.12
01-Aug-15	20,000.00	2,611.53	22,611.53	1,597.86	7,304.39	8,902.25	13,709.28	0.00	13,709.28
01-Feb-16	0.00	3,071.10	3,071.10	1,331.55	354.61	1,686.16	0.00	1,384.94	1,384.94
01-Aug-16	25,000.00	2,239.89	27,239.89	1,331.55	7,287.85	8,619.40	18,620.49	0.00	18,620.49
01-Feb-17	0.00	2,165.90	2,165.90	998.66	354.61	1,353.27	0.00	812.63	812.63
01-Aug-17	25,000.00	1,790.49	26,790.49	998.66	7,402.08	8,400.74	18,389.75	0.00	18,389.75
01-Feb-18	0.00	1,219.28	1,219.28	665.78	261.13	926.90	0.00	292.38	292.38
01-Aug-18	25,000.00	1,355.50	26,355.50	665.78	7,633.98	8,299.75	18,055.75	0.00	18,055.75
01-Feb-19	0.00	507.46	507.46	332.89	174.57	507.46	0.00	0.00	0.00
01-Aug-19	25,000.00	687.50	25,687.50	332.89	7,569.33	7,902.22	17,785.28	0.00	17,785.28
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
	\$306,666.00	\$135,969.08	\$442,635.08	\$70,160.20	\$114,523.61	\$184,683.81	\$218,066.27	\$39,885.00	\$257,951.27

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

Newton
98-94

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	384,566.00	184.27
01-Aug-2000	384,566.00	288.42
01-Feb-2001	369,494.00	277.12
01-Aug-2001	369,494.00	277.12
01-Feb-2002	354,179.00	265.63
01-Aug-2002	354,179.00	265.63
01-Feb-2003	338,619.00	253.96
01-Aug-2003	338,619.00	253.96
01-Feb-2004	322,791.00	242.09
01-Aug-2004	322,791.00	242.09
01-Feb-2005	306,666.00	230.00
01-Aug-2005	306,666.00	230.00
01-Feb-2006	290,219.00	217.66
01-Aug-2006	290,219.00	217.66
01-Feb-2007	273,366.00	205.02
01-Aug-2007	273,366.00	205.02
01-Feb-2008	256,033.00	192.02
01-Aug-2008	256,033.00	192.02
01-Feb-2009	238,247.00	178.69
01-Aug-2009	238,247.00	178.69
01-Feb-2010	220,000.00	165.00
01-Aug-2010	220,000.00	165.00
01-Feb-2011	200,000.00	150.00
01-Aug-2011	200,000.00	150.00
01-Feb-2012	180,000.00	135.00
01-Aug-2012	180,000.00	135.00
01-Feb-2013	160,000.00	120.00
01-Aug-2013	160,000.00	120.00
01-Feb-2014	140,000.00	105.00
01-Aug-2014	140,000.00	105.00
01-Feb-2015	120,000.00	90.00
01-Aug-2015	120,000.00	90.00
01-Feb-2016	100,000.00	75.00
01-Aug-2016	100,000.00	75.00
01-Feb-2017	75,000.00	56.25
01-Aug-2017	75,000.00	56.25
01-Feb-2018	50,000.00	37.50
01-Aug-2018	50,000.00	37.50
01-Feb-2019	25,000.00	18.75
01-Aug-2019	25,000.00	18.75
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>\$6,502.07</u>

Massachusetts Water Pollution Abatement Trust
 Water Pollution Abatement Revenue Bonds
 (Pool Loan Program Bonds)
 Series 5
 Newton
 98-93
 Final Loan Structuring Analysis

AMENDED SCHEDULE C

G.E. 50.00%

Schedule of Loan Repayments

Initial Loan Obligation: 4,775,634.00

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	112,935.92	112,935.92	63,589.95	0.00	63,589.95	0.00	49,345.96
01-Aug-05	262,286.00	117,669.09	379,955.09	63,589.95	114,192.48	177,782.43	202,172.65	0.00	202,172.65
01-Feb-06	0.00	124,052.40	124,052.40	60,097.49	5,461.03	65,558.52	0.00	58,493.89	58,493.89
01-Aug-06	265,344.00	106,507.31	371,851.31	60,097.49	113,535.24	173,632.73	198,218.58	0.00	198,218.58
01-Feb-07	0.00	121,033.00	121,033.00	56,564.30	5,461.03	62,025.33	0.00	59,007.67	59,007.67
01-Aug-07	273,792.00	102,430.29	376,222.29	56,564.30	117,000.66	173,564.96	202,657.34	0.00	202,657.34
01-Feb-08	0.00	117,888.53	117,888.53	52,918.62	5,461.03	58,379.65	0.00	59,508.88	59,508.88
01-Aug-08	281,457.00	84,195.70	365,652.70	52,918.62	113,555.48	166,474.10	199,178.60	0.00	199,178.60
01-Feb-09	0.00	115,290.75	115,290.75	49,170.88	5,461.03	54,631.91	0.00	60,658.84	60,658.84
01-Aug-09	287,755.00	80,203.10	367,958.10	49,170.88	117,277.36	166,448.24	201,509.86	0.00	201,509.86
01-Feb-10	0.00	112,418.57	112,418.57	45,339.28	5,461.03	50,800.31	0.00	61,618.26	61,618.26
01-Aug-10	295,000.00	50,077.21	345,077.21	45,339.28	105,337.11	150,676.39	194,400.82	0.00	194,400.82
01-Feb-11	0.00	103,735.39	103,735.39	41,411.21	5,461.03	46,872.24	0.00	56,863.16	56,863.16
01-Aug-11	305,000.00	49,349.94	354,349.94	41,411.21	110,841.95	152,253.15	202,096.78	0.00	202,096.78
01-Feb-12	0.00	99,900.46	99,900.46	37,349.98	5,461.03	42,811.01	0.00	57,089.45	57,089.45
01-Aug-12	315,000.00	55,016.95	370,016.95	37,349.98	114,069.82	151,419.79	218,597.16	0.00	218,597.16
01-Feb-13	0.00	83,829.80	83,829.80	33,155.60	5,461.03	38,616.63	0.00	45,213.18	45,213.18
01-Aug-13	325,000.00	49,601.97	374,601.97	33,155.60	116,814.44	149,970.03	224,631.93	0.00	224,631.93
01-Feb-14	0.00	77,134.03	77,134.03	28,828.06	5,461.03	34,289.09	0.00	42,844.94	42,844.94
01-Aug-14	335,000.00	44,162.07	379,162.07	28,828.06	114,083.76	142,911.82	236,250.25	0.00	236,250.25
01-Feb-15	0.00	58,962.57	58,962.57	24,367.37	5,461.03	29,828.40	0.00	29,134.18	29,134.18
01-Aug-15	345,000.00	38,599.02	383,599.02	24,367.37	113,963.55	138,330.91	245,268.10	0.00	245,268.10
01-Feb-16	0.00	46,016.45	46,016.45	19,773.52	5,461.03	25,234.55	0.00	20,781.90	20,781.90
01-Aug-16	355,000.00	33,562.04	388,562.04	19,773.52	114,364.18	134,137.69	254,424.35	0.00	254,424.35
01-Feb-17	0.00	32,592.18	32,592.18	15,046.52	5,461.03	20,507.55	0.00	12,084.64	12,084.64
01-Aug-17	365,000.00	27,110.36	392,110.36	15,046.52	115,948.50	130,995.01	261,115.35	0.00	261,115.35
01-Feb-18	0.00	18,652.29	18,652.29	10,186.36	4,030.93	14,217.28	0.00	4,435.01	4,435.01
01-Aug-18	380,000.00	20,740.86	400,740.86	10,186.36	119,396.95	129,583.31	271,157.55	0.00	271,157.55
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	118,396.44	123,522.91	272,064.59	0.00	272,064.59
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
	\$4,775,634.00	\$2,102,070.58	\$6,877,704.58	\$1,085,851.15	\$1,791,029.56	\$2,876,880.71	\$3,383,743.92	\$617,079.95	\$4,000,823.87

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

Newton
98-93

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	6,010,965.00	2,880.25
01-Aug-2000	6,010,965.00	4,508.22
01-Feb-2001	5,772,057.00	4,329.04
01-Aug-2001	5,772,057.00	4,329.04
01-Feb-2002	5,528,006.00	4,146.00
01-Aug-2002	5,528,006.00	4,146.00
01-Feb-2003	5,281,723.00	3,961.29
01-Aug-2003	5,281,723.00	3,961.29
01-Feb-2004	5,032,972.00	3,774.73
01-Aug-2004	5,032,972.00	3,774.73
01-Feb-2005	4,775,634.00	3,581.73
01-Aug-2005	4,775,634.00	3,581.73
01-Feb-2006	4,513,348.00	3,385.01
01-Aug-2006	4,513,348.00	3,385.01
01-Feb-2007	4,248,004.00	3,186.00
01-Aug-2007	4,248,004.00	3,186.00
01-Feb-2008	3,974,212.00	2,980.66
01-Aug-2008	3,974,212.00	2,980.66
01-Feb-2009	3,692,755.00	2,769.57
01-Aug-2009	3,692,755.00	2,769.57
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	1,830,000.00	1,372.50
01-Aug-2015	1,830,000.00	1,372.50
01-Feb-2016	1,485,000.00	1,113.75
01-Aug-2016	1,485,000.00	1,113.75
01-Feb-2017	1,130,000.00	847.50
01-Aug-2017	1,130,000.00	847.50
01-Feb-2018	765,000.00	573.75
01-Aug-2018	765,000.00	573.75
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>\$100,971.53</u>

G.E.	50.00%
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Schedule of Loan Repayments

Initial Loan Obligation:	6,472,884.00
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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	150,481.14	150,481.14	85,058.55	0.00	85,058.55	0.00	65,422.58
01-Aug-05	325,318.00	163,409.10	488,727.10	85,058.55	147,273.24	232,331.79	256,395.32	0.00	256,395.32
01-Feb-06	0.00	159,636.32	159,636.32	80,783.63	4,380.57	85,164.20	0.00	74,472.12	74,472.12
01-Aug-06	336,025.00	159,715.48	495,740.48	80,783.63	149,535.59	230,319.22	265,421.25	0.00	265,421.25
01-Feb-07	0.00	156,377.62	156,377.62	76,368.01	6,502.19	82,870.20	0.00	73,507.43	73,507.43
01-Aug-07	344,387.00	141,661.53	486,048.53	76,368.01	147,311.00	223,679.01	262,369.53	0.00	262,369.53
01-Feb-08	0.00	153,617.79	153,617.79	71,842.50	6,502.19	78,344.69	0.00	75,273.10	75,273.10
01-Aug-08	353,753.00	134,918.18	488,671.18	71,842.50	150,615.81	222,458.31	266,212.86	0.00	266,212.86
01-Feb-09	0.00	150,163.00	150,163.00	67,193.92	6,502.19	73,696.11	0.00	76,466.89	76,466.89
01-Aug-09	362,070.00	112,161.26	474,231.26	67,193.92	149,752.43	216,946.36	257,284.90	0.00	257,284.90
01-Feb-10	0.00	152,845.01	152,845.01	62,436.05	6,502.19	68,938.24	0.00	83,906.76	83,906.76
01-Aug-10	371,331.00	100,329.66	471,660.66	62,436.05	150,330.34	212,766.40	258,894.26	0.00	258,894.26
01-Feb-11	0.00	146,580.65	146,580.65	57,556.49	6,502.19	64,058.68	0.00	82,521.98	82,521.98
01-Aug-11	376,000.00	89,549.20	465,549.20	57,556.49	149,305.10	206,861.59	258,687.61	0.00	258,687.61
01-Feb-12	0.00	135,693.19	135,693.19	52,615.56	6,502.19	59,117.75	0.00	76,575.44	76,575.44
01-Aug-12	391,000.00	72,369.12	463,369.12	52,615.56	141,230.55	193,846.12	269,523.01	0.00	269,523.01
01-Feb-13	0.00	117,079.16	117,079.16	47,477.53	6,502.19	53,979.72	0.00	63,099.44	63,099.44
01-Aug-13	406,000.00	73,782.24	479,782.24	47,477.53	146,201.31	193,678.84	286,103.41	0.00	286,103.41
01-Feb-14	0.00	104,413.80	104,413.80	42,142.39	6,502.19	48,644.58	0.00	55,769.23	55,769.23
01-Aug-14	416,000.00	66,530.19	482,530.19	42,142.39	146,351.90	188,494.28	294,035.90	0.00	294,035.90
01-Feb-15	0.00	88,848.29	88,848.29	36,675.83	6,502.19	43,178.02	0.00	45,670.27	45,670.27
01-Aug-15	431,000.00	59,092.47	490,092.47	36,675.83	146,420.66	183,096.49	306,995.98	0.00	306,995.98
01-Feb-16	0.00	72,601.65	72,601.65	31,012.17	6,502.19	37,514.36	0.00	35,087.29	35,087.29
01-Aug-16	441,000.00	51,966.90	492,966.90	31,012.17	146,859.75	177,871.92	315,094.99	0.00	315,094.99
01-Feb-17	0.00	56,080.39	56,080.39	25,217.10	6,502.19	31,719.29	0.00	24,361.10	24,361.10
01-Aug-17	461,000.00	43,818.45	504,818.45	25,217.10	147,012.20	172,229.30	332,589.15	0.00	332,589.15
01-Feb-18	0.00	39,053.42	39,053.42	19,159.21	6,446.40	25,605.62	0.00	13,447.81	13,447.81
01-Aug-18	476,000.00	35,589.89	511,589.89	19,159.21	149,380.74	168,539.95	343,049.94	0.00	343,049.94
01-Feb-19	0.00	23,764.11	23,764.11	12,904.22	5,495.49	18,399.71	0.00	5,364.40	5,364.40
01-Aug-19	486,000.00	25,777.50	511,777.50	12,904.22	151,959.09	164,863.31	346,914.19	0.00	346,914.19
01-Feb-20	0.00	11,438.39	11,438.39	6,517.81	4,920.58	11,438.40	0.00	0.00	0.00
01-Aug-20	496,000.00	13,020.00	509,020.00	6,517.81	151,168.29	157,686.10	351,333.90	0.00	351,333.90
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
	6,472,884.00	3,062,365.10	9,535,249.10	1,549,921.95	2,463,475.14	4,013,397.09	4,670,906.19	850,945.83	5,521,852.02

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

Series 6

Newton

99-27

Final Structuring Analysis

Estimated Net Borrower Debt Service

Date	Principal Outstanding	Debt Service [Net of Accrued Interest]	LESS		Estimated Net Debt Service	PLUS		Estimated Total Payment [Fiscal Year ending 30-Jun]
			DSRF Earnings @ 5.256300%	LESS Contract Assistance		Administrative Fee Payable @ 0.0755%	Estimated Total Payment	
08-Nov-00								
01-Feb-01	\$7,722,625.00	\$92,440.82	\$46,794.06	\$6,502.19	\$39,144.57	\$2,670.74	\$41,815.31	\$41,815.31
01-Aug-01	7,722,625.00	502,667.07	101,481.08	151,168.29	250,017.70	5,791.97	255,809.67	-
01-Feb-02	7,420,432.00	193,296.98	97,510.04	6,502.19	89,284.75	5,565.32	94,850.07	350,659.74
01-Aug-02	7,420,432.00	500,462.98	97,510.04	151,168.29	251,784.65	5,565.32	257,349.97	-
01-Feb-03	7,113,266.00	186,001.79	93,473.65	6,502.19	93,473.65	5,334.95	91,360.90	348,710.87
01-Aug-03	7,113,266.00	501,184.79	93,473.65	151,168.29	256,542.85	5,334.95	261,877.80	-
01-Feb-04	6,798,083.00	178,516.19	89,331.91	6,502.19	82,682.09	5,098.56	87,780.65	349,658.45
01-Aug-04	6,798,083.00	503,715.19	89,331.91	151,168.29	263,214.99	5,098.56	268,313.55	-
01-Feb-05	6,472,884.00	171,199.21	85,058.55	6,502.19	79,638.47	4,854.66	84,493.13	352,806.68
01-Aug-05	6,472,884.00	496,517.21	85,058.55	151,168.29	260,290.37	4,854.66	265,145.03	-
01-Feb-06	6,147,566.00	163,879.56	80,783.63	6,502.19	76,593.74	4,610.67	81,204.41	346,349.44
01-Aug-06	6,147,566.00	499,904.56	80,783.63	151,168.29	267,952.64	4,610.67	272,563.31	-
01-Feb-07	5,811,541.00	155,478.93	76,368.01	6,502.19	72,608.73	4,358.66	76,967.39	349,530.70
01-Aug-07	5,811,541.00	499,865.93	76,368.01	151,168.29	272,329.63	4,358.66	276,688.29	-
01-Feb-08	5,467,154.00	147,514.98	71,842.50	6,502.19	69,170.29	4,100.37	73,270.66	349,958.95
01-Aug-08	5,467,154.00	501,267.98	71,842.50	151,168.29	278,257.19	4,100.37	282,357.56	-
01-Feb-09	5,113,401.00	138,671.16	67,193.92	6,502.19	64,975.05	3,835.05	68,810.10	351,167.66
01-Aug-09	5,113,401.00	500,741.16	67,193.92	151,168.29	282,378.95	3,835.05	286,214.00	-
01-Feb-10	4,751,331.00	129,166.82	62,436.05	6,502.19	60,228.58	3,563.50	63,792.08	350,006.08
01-Aug-10	4,751,331.00	500,497.82	62,436.05	151,168.29	286,893.48	3,563.50	290,456.98	-
01-Feb-11	4,380,000.00	119,419.38	57,556.49	6,502.19	55,360.70	3,285.00	58,645.70	349,102.68
01-Aug-11	4,380,000.00	495,419.38	57,556.49	151,168.29	286,694.60	3,285.00	289,979.60	-
01-Feb-12	4,004,000.00	109,549.38	52,615.56	6,502.19	50,431.63	3,003.00	53,434.63	343,414.23
01-Aug-12	4,004,000.00	500,549.38	52,615.56	151,168.29	296,765.53	3,003.00	299,768.53	-
01-Feb-13	3,613,000.00	99,774.38	47,477.53	6,502.19	45,794.66	2,709.75	48,504.41	348,272.94
01-Aug-13	3,613,000.00	505,774.38	47,477.53	151,168.29	307,128.56	2,709.75	309,838.31	-
01-Feb-14	3,207,000.00	88,355.63	42,142.39	6,502.19	39,711.05	2,405.25	42,116.30	351,954.61
01-Aug-14	3,207,000.00	504,355.63	42,142.39	151,168.29	311,044.95	2,405.25	313,450.20	-
01-Feb-15	2,791,000.00	76,655.63	36,675.83	6,502.19	33,477.61	2,093.25	35,570.86	349,021.06
01-Aug-15	2,791,000.00	507,655.63	36,675.83	151,168.29	319,811.51	2,093.25	321,904.76	-
01-Feb-16	2,360,000.00	64,533.75	31,012.17	6,502.19	27,019.39	1,770.00	28,789.39	350,694.15
01-Aug-16	2,360,000.00	505,533.75	31,012.17	151,168.29	323,353.29	1,770.00	325,123.29	-
01-Feb-17	1,919,000.00	52,130.63	25,217.10	6,502.19	20,411.34	1,439.25	21,850.59	346,973.88
01-Aug-17	1,919,000.00	513,130.63	25,217.10	151,168.29	336,745.24	1,439.25	338,184.49	-
01-Feb-18	1,458,000.00	39,165.00	19,159.21	6,502.19	13,503.60	1,093.50	14,597.10	352,781.59
01-Aug-18	1,458,000.00	515,165.00	19,159.21	151,168.29	344,837.50	1,093.50	345,931.00	-
01-Feb-19	982,000.00	25,777.50	12,904.22	6,502.19	6,371.09	736.50	7,107.59	353,038.59
01-Aug-19	982,000.00	511,777.50	12,904.22	151,168.29	347,704.99	736.50	348,441.49	-
01-Feb-20	496,000.00	13,020.00	6,517.81	6,502.19	0.00	372.00	372.00	348,813.49
01-Aug-20	496,000.00	509,020.00	6,517.81	151,168.29	351,333.90	372.00	351,705.90	-
01-Feb-21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	351,705.90
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	-
		\$12,319,753.69	\$2,258,828.28	\$3,153,409.60	\$6,907,515.81	\$128,921.19	\$7,036,437.00	\$7,036,437.00

Average Annual Net Debt Service: \$350,092.31

Max: 353,038.59
 Min: 343,414.23
 Span: 9,624.36

G.E. 50.00%

Schedule of Loan Repayments

Initial Loan Obligation: 111,128.00

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	2,403.23	2,403.23	1,200.27	0.00	1,200.27	0.00	1,202.96
01-Aug-05	4,804.00	2,588.20	7,392.20	1,200.27	2,183.01	3,383.27	4,008.93	0.00	4,008.93
01-Feb-06	0.00	2,516.14	2,516.14	1,148.38	70.99	1,219.37	0.00	1,296.77	1,296.77
01-Aug-06	4,857.00	2,516.14	7,373.14	1,148.38	2,183.01	3,331.39	4,041.75	0.00	4,041.75
01-Feb-07	0.00	2,443.29	2,443.29	1,095.92	70.99	1,166.91	0.00	1,276.38	1,276.38
01-Aug-07	4,910.00	2,443.29	7,353.29	1,095.92	2,183.01	3,278.93	4,074.36	0.00	4,074.36
01-Feb-08	0.00	2,369.64	2,369.64	1,042.89	70.99	1,113.88	0.00	1,255.76	1,255.76
01-Aug-08	4,992.00	2,369.64	7,378.56	1,042.89	2,191.34	3,234.23	4,144.34	0.00	4,144.34
01-Feb-09	0.00	2,269.55	2,269.55	988.97	70.99	1,059.96	0.00	1,209.59	1,209.59
01-Aug-09	5,130.00	2,269.55	7,399.55	988.97	2,182.75	3,171.72	4,227.82	0.00	4,227.82
01-Feb-10	0.00	2,141.30	2,141.30	933.56	70.99	1,004.55	0.00	1,136.74	1,136.74
01-Aug-10	5,301.00	2,141.30	7,442.30	933.56	2,182.75	3,116.32	4,325.98	0.00	4,325.98
01-Feb-11	0.00	2,008.77	2,008.77	876.31	70.99	947.30	0.00	1,061.47	1,061.47
01-Aug-11	5,477.00	2,008.77	7,485.77	876.31	2,182.75	3,059.06	4,426.71	0.00	4,426.71
01-Feb-12	0.00	1,871.85	1,871.85	817.15	70.99	888.14	0.00	983.70	983.70
01-Aug-12	5,657.00	1,871.85	7,528.85	817.15	2,213.77	3,030.92	4,497.93	0.00	4,497.93
01-Feb-13	0.00	1,792.44	1,792.44	756.05	70.99	827.04	0.00	965.40	965.40
01-Aug-13	5,000.00	1,433.16	6,433.16	756.05	2,042.05	2,798.10	3,635.06	0.00	3,635.06
01-Feb-14	0.00	1,615.01	1,615.01	702.05	70.99	773.04	0.00	841.97	841.97
01-Aug-14	5,000.00	1,293.71	6,293.71	702.05	2,037.75	2,739.80	3,553.91	0.00	3,553.91
01-Feb-15	0.00	1,483.37	1,483.37	648.05	70.99	719.04	0.00	764.34	764.34
01-Aug-15	5,000.00	1,185.06	6,185.06	648.05	2,049.66	2,697.70	3,487.36	0.00	3,487.36
01-Feb-16	0.00	1,359.58	1,359.58	594.04	70.99	665.03	0.00	694.55	694.55
01-Aug-16	5,000.00	1,057.47	6,057.47	594.04	2,050.31	2,644.35	3,413.12	0.00	3,413.12
01-Feb-17	0.00	1,238.47	1,238.47	540.04	70.99	611.03	0.00	627.44	627.44
01-Aug-17	5,000.00	1,028.75	6,028.75	540.04	2,098.91	2,638.95	3,389.80	0.00	3,389.80
01-Feb-18	0.00	1,114.40	1,114.40	486.03	70.99	557.02	0.00	557.37	557.37
01-Aug-18	5,000.00	1,064.84	6,064.84	486.03	2,179.70	2,665.74	3,399.10	0.00	3,399.10
01-Feb-19	0.00	989.89	989.89	432.03	70.99	503.02	0.00	486.87	486.87
01-Aug-19	10,000.00	580.63	10,580.63	432.03	2,003.63	2,435.66	8,144.97	0.00	8,144.97
01-Feb-20	0.00	746.96	746.96	324.02	70.99	395.01	0.00	351.95	351.95
01-Aug-20	10,000.00	513.20	10,513.20	324.02	2,096.44	2,420.46	8,092.74	0.00	8,092.74
01-Feb-21	0.00	500.00	500.00	216.02	70.99	287.01	0.00	213.00	213.00
01-Aug-21	10,000.00	500.00	10,500.00	216.02	2,214.84	2,430.85	8,069.15	0.00	8,069.15
01-Feb-22	0.00	250.00	250.00	108.01	70.99	179.00	0.00	71.00	71.00
01-Aug-22	10,000.00	250.00	10,250.00	108.01	2,214.84	2,322.84	7,927.16	0.00	7,927.16
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
	111,128.00	56,246.36	167,374.36	25,819.56	39,697.33	65,516.89	86,860.19	14,997.27	101,857.47

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement and Drinking Water Revenue Bonds
(Pool Program Bonds)
Pool Program Bonds, Pool 8
Newton
CW-00-55
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	\$120,584.00	\$997.34	\$470.31	\$70.99	\$456.04	\$32.66	\$488.70	\$488.70
01-Aug-03	120,584.00	7,465.87	1,302.40	2,214.84	3,948.63	90.44	4,039.07	--
01-Feb-04	115,880.00	2,691.31	1,251.59	70.99	1,368.73	86.91	1,455.64	5,494.71
01-Aug-04	115,880.00	7,443.31	1,251.59	2,214.84	3,976.88	86.91	4,063.79	--
01-Feb-05	111,128.00	2,620.03	1,200.27	70.99	1,348.77	83.35	1,432.12	5,495.91
01-Aug-05	111,128.00	7,424.03	1,200.27	2,214.84	4,008.92	83.35	4,092.27	--
01-Feb-06	106,324.00	2,547.97	1,148.38	70.99	1,328.60	79.74	1,408.34	5,500.61
01-Aug-06	106,324.00	7,404.97	1,148.38	2,214.84	4,041.75	79.74	4,121.49	--
01-Feb-07	101,467.00	2,475.12	1,095.92	70.99	1,308.21	76.10	1,384.31	5,505.80
01-Aug-07	101,467.00	7,385.12	1,095.92	2,214.84	4,074.36	76.10	4,150.46	--
01-Feb-08	96,557.00	2,401.47	1,042.89	70.99	1,287.59	72.42	1,360.01	5,510.47
01-Aug-08	96,557.00	7,393.47	1,042.89	2,214.84	4,135.74	72.42	4,208.16	--
01-Feb-09	91,565.00	2,301.63	988.97	70.99	1,241.67	68.67	1,310.34	5,518.50
01-Aug-09	91,565.00	7,431.63	988.97	2,214.84	4,227.82	68.67	4,296.49	--
01-Feb-10	86,435.00	2,173.38	933.56	70.99	1,168.83	64.83	1,233.66	5,530.15
01-Aug-10	86,435.00	7,474.38	933.56	2,214.84	4,325.98	64.83	4,390.81	--
01-Feb-11	81,134.00	2,040.85	876.31	70.99	1,093.55	60.85	1,154.40	5,545.21
01-Aug-11	81,134.00	7,517.85	876.31	2,214.84	4,426.70	60.85	4,487.55	--
01-Feb-12	75,657.00	1,903.93	817.15	70.99	1,015.79	56.74	1,072.53	5,560.08
01-Aug-12	75,657.00	7,560.93	817.15	2,214.84	4,528.94	56.74	4,585.68	--
01-Feb-13	70,000.00	1,762.50	756.05	70.99	935.46	52.50	987.96	5,573.64
01-Aug-13	70,000.00	6,762.50	756.05	2,214.84	3,791.61	52.50	3,844.11	--
01-Feb-14	65,000.00	1,631.25	702.05	70.99	858.21	48.75	906.96	4,751.07
01-Aug-14	65,000.00	6,631.25	702.05	2,214.84	3,714.36	48.75	3,763.11	--
01-Feb-15	60,000.00	1,500.00	648.05	70.99	780.96	45.00	825.96	4,589.07
01-Aug-15	60,000.00	6,500.00	648.05	2,214.84	3,637.11	45.00	3,682.11	--
01-Feb-16	55,000.00	1,375.00	594.04	70.99	709.97	41.25	751.22	4,433.33
01-Aug-16	55,000.00	6,375.00	594.04	2,214.84	3,566.12	41.25	3,607.37	--
01-Feb-17	50,000.00	1,250.00	540.04	70.99	638.97	37.50	676.47	4,283.84
01-Aug-17	50,000.00	6,250.00	540.04	2,214.84	3,495.12	37.50	3,532.62	--
01-Feb-18	45,000.00	1,125.00	486.03	70.99	567.98	33.75	601.73	4,134.35
01-Aug-18	45,000.00	6,125.00	486.03	2,214.84	3,424.13	33.75	3,457.88	--
01-Feb-19	40,000.00	1,000.00	432.03	70.99	496.98	30.00	526.98	3,984.86
01-Aug-19	40,000.00	5,000.00	432.03	2,214.84	8,353.13	30.00	8,383.13	--
01-Feb-20	30,000.00	750.00	324.02	70.99	354.99	22.50	377.49	8,760.62
01-Aug-20	30,000.00	10,750.00	324.02	2,214.84	8,211.14	22.50	8,233.64	--
01-Feb-21	20,000.00	500.00	216.02	70.99	212.99	15.00	227.99	8,461.63
01-Aug-21	20,000.00	10,500.00	216.02	2,214.84	8,069.14	15.00	8,084.14	--
01-Feb-22	10,000.00	250.00	108.01	70.99	71.00	7.50	78.50	8,162.64
01-Aug-22	10,000.00	10,250.00	108.01	2,214.84	7,927.15	7.50	7,934.65	--
01-Feb-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,934.65
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	--
		\$188,942.09	\$30,095.47	\$45,716.52	\$113,130.10	\$2,089.82	\$115,219.92	\$115,219.92
Average Annual Net Debt Service		\$5,748.21						