

Massachusetts Water Pollution Abatement Trust  
Pool 15-2012 Swap  
CHARLTON Reamortization  
CWS-07-36

Original Loan Amount	2,827,276.00	Loan Origination Fee (\$7.5/1000)	0.00
Principal Forgiveness (ARRA)	331,374.00	Loan Term (in years)	18
Principal Paid Down	<u>102,517.00</u>	Loan Rate	2.00%
Outstanding Loan Obligation	2,393,385.00	Closing Date	6/6/2012
Remaining Balance	<u>(157,605.74)</u>	First Payment	7/15/2012
Net New Loan Obligation	<u>2,235,779.26</u>		

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
6/6/2012							
7/15/2012	97,799.53	23,592.37	121,391.90	1,676.83		123,068.74	
1/15/2013		21,379.80	21,379.80	1,603.48		22,983.28	146,052.02
7/15/2013	99,764.99	21,379.80	121,144.79	1,603.48		122,748.27	
1/15/2014		20,382.15	20,382.15	1,528.66		21,910.81	144,659.08
7/15/2014	101,769.25	20,382.15	122,151.39	1,528.66		123,680.06	
1/15/2015		19,364.45	19,364.45	1,452.33		20,816.79	144,496.85
7/15/2015	103,814.23	19,364.45	123,178.68	1,452.33		124,631.02	
1/15/2016		18,326.31	18,326.31	1,374.47		19,700.79	144,331.80
7/15/2016	105,900.86	18,326.31	124,227.17	1,374.47		125,601.64	
1/15/2017		17,267.30	17,267.30	1,295.05		18,562.35	144,164.00
7/15/2017	108,029.07	17,267.30	125,296.37	1,295.05		126,591.42	
1/15/2018		16,187.01	16,187.01	1,214.03		17,401.04	143,992.46
7/15/2018	110,199.79	16,187.01	126,386.80	1,214.03		127,600.83	
1/15/2019		15,085.02	15,085.02	1,131.38		16,216.39	143,817.22
7/15/2019	112,413.93	15,085.02	127,498.95	1,131.38		128,630.32	
1/15/2020		13,960.88	13,960.88	1,047.07		15,007.94	143,638.27
7/15/2020	114,672.43	13,960.88	128,633.31	1,047.07		129,680.37	
1/15/2021		12,814.15	12,814.15	961.06		13,775.21	143,455.59
7/15/2021	116,977.20	12,814.15	129,791.35	961.06		130,752.42	
1/15/2022		11,644.38	11,644.38	873.33		12,517.71	143,270.12
7/15/2022	119,328.17	11,644.38	130,972.55	873.33		131,845.87	
1/15/2023		10,451.10	10,451.10	783.83		11,234.93	143,080.80
7/15/2023	121,725.24	10,451.10	132,176.34	783.83		132,960.17	
1/15/2024		9,233.85	9,233.85	692.54		9,926.38	142,886.55
7/15/2024	124,171.33	9,233.85	133,405.18	692.54		134,097.72	
1/15/2025		7,992.13	7,992.13	599.41		8,591.54	142,689.26
7/15/2025	126,666.37	7,992.13	134,658.50	599.41		135,257.91	
1/15/2026		6,725.47	6,725.47	504.41		7,229.88	142,487.79
7/15/2026	129,211.25	6,725.47	135,936.72	504.41		136,441.13	
1/15/2027		5,433.36	5,433.36	407.50		5,840.86	142,281.99
7/15/2027	131,807.89	5,433.36	137,241.25	407.50		137,648.75	
1/15/2028		4,115.28	4,115.28	308.65		4,423.92	142,072.67
7/15/2028	134,456.20	4,115.28	138,571.48	308.65		138,880.13	
1/15/2029		2,770.72	2,770.72	207.80		2,978.52	141,858.65
7/15/2029	137,158.09	2,770.72	139,928.80	207.80		140,136.60	
1/15/2030		1,399.13	1,399.13	104.94		1,504.07	141,640.67
7/15/2030	139,913.45	1,399.13	141,312.58	104.94		141,417.52	
1/15/2031							141,417.52
	<u>2,235,779.26</u>	<u>452,657.33</u>	<u>2,688,436.59</u>	<u>33,856.71</u>		<u>2,722,293.30</u>	<u>2,722,293.30</u>

## Notes:

\* Notwithstanding 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.

FINAL

Massachusetts Water Pollution Abatement Trust  
 Water Pollution Abatement and Drinking Water Revenue Bonds  
 State Revolving Fund Bonds  
 Series 15  
 Charlton  
 CWS-07-36  
 Final Structuring Analysis

SCHEDULE C

Loan Interest Rate	2.00%
ARRA Principal Forgiveness*	331,374
Total Loan Amount	2,827,276

Schedule of Loan Repayments

Initial Loan Obligation: \$2,495,902.00

Date	Schedule of Loan Repayments			Admin. Fee 0.00075	Loan Origination Fee	Total Due
	Principal	Interest	Total			
08-Jul-10						
15-Jan-11	\$0.00	\$25,929.65	\$25,929.65	\$1,871.93	16,597.75	\$44,399.33
15-Jul-11	102,517.00	24,959.02	127,476.02	1,871.93		129,347.95
15-Jan-12	0.00	23,933.85	23,933.85	1,795.04		25,728.89
15-Jul-12	104,588.00	23,933.85	128,521.85	1,795.04		130,316.89
15-Jan-13	0.00	22,887.97	22,887.97	1,716.60		24,604.57
15-Jul-13	106,701.00	22,887.97	129,588.97	1,716.60		131,305.57
15-Jan-14	0.00	21,820.96	21,820.96	1,636.57		23,457.53
15-Jul-14	108,856.00	21,820.96	130,676.96	1,636.57		132,313.53
15-Jan-15	0.00	20,732.40	20,732.40	1,554.93		22,287.33
15-Jul-15	111,055.00	20,732.40	131,787.40	1,554.93		133,342.33
15-Jan-16	0.00	19,621.85	19,621.85	1,471.64		21,093.49
15-Jul-16	113,299.00	19,621.85	132,920.85	1,471.64		134,392.49
15-Jan-17	0.00	18,488.86	18,488.86	1,386.66		19,875.52
15-Jul-17	115,588.00	18,488.86	134,076.86	1,386.66		135,463.52
15-Jan-18	0.00	17,332.98	17,332.98	1,299.97		18,632.95
15-Jul-18	117,923.00	17,332.98	135,255.98	1,299.97		136,555.95
15-Jan-19	0.00	16,153.75	16,153.75	1,211.53		17,365.28
15-Jul-19	120,305.00	16,153.75	136,458.75	1,211.53		137,670.28
15-Jan-20	0.00	14,950.70	14,950.70	1,121.30		16,072.00
15-Jul-20	122,735.00	14,950.70	137,685.70	1,121.30		138,807.00
15-Jan-21	0.00	13,723.35	13,723.35	1,029.25		14,752.60
15-Jul-21	125,215.00	13,723.35	138,938.35	1,029.25		139,967.60
15-Jan-22	0.00	12,471.20	12,471.20	935.34		13,406.54
15-Jul-22	127,745.00	12,471.20	140,216.20	935.34		141,151.54
15-Jan-23	0.00	11,193.75	11,193.75	839.53		12,033.28
15-Jul-23	130,325.00	11,193.75	141,518.75	839.53		142,358.28
15-Jan-24	0.00	9,890.50	9,890.50	741.79		10,632.29
15-Jul-24	132,958.00	9,890.50	142,848.50	741.79		143,590.29
15-Jan-25	0.00	8,560.92	8,560.92	642.07		9,202.99
15-Jul-25	135,644.00	8,560.92	144,204.92	642.07		144,846.99
15-Jan-26	0.00	7,204.48	7,204.48	540.34		7,744.82
15-Jul-26	138,384.00	7,204.48	145,588.48	540.34		146,128.82
15-Jan-27	0.00	5,820.64	5,820.64	436.55		6,257.19
15-Jul-27	141,180.00	5,820.64	147,000.64	436.55		147,437.19
15-Jan-28	0.00	4,408.84	4,408.84	330.66		4,739.50
15-Jul-28	144,032.00	4,408.84	148,440.84	330.66		148,771.50
15-Jan-29	0.00	2,968.52	2,968.52	222.64		3,191.16
15-Jul-29	146,942.00	2,968.52	149,910.52	222.64		150,133.16
15-Jan-30	0.00	1,499.10	1,499.10	112.43		1,611.53
15-Jul-30	149,910.00	1,499.10	151,409.10	112.43		151,521.53
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
15-Jul-38	0.00	0.00	0.00	0.00		0.00
15-Jan-39	0.00	0.00	0.00	0.00		0.00
15-Jul-39	0.00	0.00	0.00	0.00		0.00
15-Jan-40	0.00	0.00	0.00	0.00		0.00
15-Jul-40	0.00	0.00	0.00	0.00		0.00
15-Jan-41	0.00	0.00	0.00	0.00		0.00
15-Jul-41	0.00	0.00	0.00	0.00		0.00
	\$2,495,902.00	\$558,217.91	\$3,054,119.91	\$41,793.54	\$16,597.75	\$3,112,511.20

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

Massachusetts Water Pollution Abatement Trust  
Pool 15-2012 Swap  
CHARLTON Reamortization  
DWS-09-10

Original Loan Amount	1,565,250.00	Loan Origination Fee (\$7.5/1000)	0.00
Principal Forgiveness (ARRA)	315,916.00	Loan Term (in years)	18
Principal Paid Down	<u>51,315.00</u>	Loan Rate	2.00%
Outstanding Loan Obligation	1,198,019.00	Closing Date	6/6/2012
Remaining Balance	<u>(749.58)</u>	First Payment	7/15/2012
Net New Loan Obligation	<u>1,197,269.42</u>		

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
6/6/2012							
7/15/2012	52,319.71	11,978.57	64,298.28	897.95		65,196.23	
1/15/2013		11,449.50	11,449.50	858.71		12,308.21	77,504.44
7/15/2013	53,377.01	11,449.50	64,826.51	858.71		65,685.22	
1/15/2014		10,915.73	10,915.73	818.68		11,734.41	77,419.63
7/15/2014	54,454.30	10,915.73	65,370.02	818.68		66,188.70	
1/15/2015		10,371.18	10,371.18	777.84		11,149.02	77,337.72
7/15/2015	55,554.56	10,371.18	65,925.75	777.84		66,703.59	
1/15/2016		9,815.64	9,815.64	736.17		10,551.81	77,255.40
7/15/2016	56,676.81	9,815.64	66,492.45	736.17		67,228.63	
1/15/2017		9,248.87	9,248.87	693.67		9,942.54	77,171.16
7/15/2017	57,822.05	9,248.87	67,070.92	693.67		67,764.58	
1/15/2018		8,670.65	8,670.65	650.30		9,320.95	77,085.53
7/15/2018	58,990.27	8,670.65	67,660.92	650.30		68,311.22	
1/15/2019		8,080.75	8,080.75	606.06		8,686.80	76,998.02
7/15/2019	60,181.47	8,080.75	68,262.22	606.06		68,868.27	
1/15/2020		7,478.93	7,478.93	560.92		8,039.85	76,908.13
7/15/2020	61,397.65	7,478.93	68,876.59	560.92		69,437.51	
1/15/2021		6,864.96	6,864.96	514.87		7,379.83	76,817.33
7/15/2021	62,637.82	6,864.96	69,502.78	514.87		70,017.65	
1/15/2022		6,238.58	6,238.58	467.89		6,706.47	76,724.12
7/15/2022	63,902.97	6,238.58	70,141.55	467.89		70,609.44	
1/15/2023		5,599.55	5,599.55	419.97		6,019.51	76,628.95
7/15/2023	65,194.10	5,599.55	70,793.65	419.97		71,213.61	
1/15/2024		4,947.61	4,947.61	371.07		5,318.68	76,532.29
7/15/2024	66,511.21	4,947.61	71,458.82	371.07		71,829.89	
1/15/2025		4,282.49	4,282.49	321.19		4,603.68	76,433.57
7/15/2025	67,854.30	4,282.49	72,136.80	321.19		72,457.98	
1/15/2026		3,603.95	3,603.95	270.30		3,874.25	76,332.23
7/15/2026	69,225.37	3,603.95	72,829.33	270.30		73,099.62	
1/15/2027		2,911.70	2,911.70	218.38		3,130.08	76,229.70
7/15/2027	70,623.43	2,911.70	73,535.12	218.38		73,753.50	
1/15/2028		2,205.46	2,205.46	165.41		2,370.87	76,124.37
7/15/2028	72,050.46	2,205.46	74,255.92	165.41		74,421.33	
1/15/2029		1,484.96	1,484.96	111.37		1,596.33	76,017.66
7/15/2029	73,505.47	1,484.96	74,990.43	111.37		75,101.80	
1/15/2030		749.90	749.90	56.24		806.15	75,907.95
7/15/2030	74,990.46	749.90	75,740.36	56.24		75,796.60	
1/15/2031							75,796.60
	1,197,269.42	241,819.38	1,439,088.80	18,136.01		1,457,224.81	1,457,224.81

## Notes:

\* Notwithstanding 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.

FINAL

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

**SCHEDULE C**

Charlton
DWS-09-10
Final Structuring Analysis

Loan Interest Rate	2.00%
ARRA Principal Forgiveness*	315,916
Total Loan Amount	1,565,250

Schedule of Loan Repayments

Initial Loan Obligation:	\$1,249,334.00
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Date	Schedule of Loan Repayments			Admin. Fee 0.00075	Loan Origination Fee	Total Due
	Principal	Interest	Total			
08-Jul-10						
15-Jan-11	\$0.00	\$12,979.19	\$12,979.19	\$937.00	8,308.07	\$22,224.26
15-Jul-11	51,315.00	12,493.34	63,808.34	937.00		64,745.34
15-Jan-12	0.00	11,980.19	11,980.19	898.51		12,878.70
15-Jul-12	52,352.00	11,980.19	64,332.19	898.51		65,230.70
15-Jan-13	0.00	11,456.67	11,456.67	859.25		12,315.92
15-Jul-13	53,410.00	11,456.67	64,866.67	859.25		65,725.92
15-Jan-14	0.00	10,922.57	10,922.57	819.19		11,741.76
15-Jul-14	54,488.00	10,922.57	65,410.57	819.19		66,229.76
15-Jan-15	0.00	10,377.69	10,377.69	778.33		11,156.02
15-Jul-15	55,589.00	10,377.69	65,966.69	778.33		66,745.02
15-Jan-16	0.00	9,821.80	9,821.80	736.64		10,558.44
15-Jul-16	56,712.00	9,821.80	66,533.80	736.64		67,270.44
15-Jan-17	0.00	9,254.68	9,254.68	694.10		9,948.78
15-Jul-17	57,858.00	9,254.68	67,112.68	694.10		67,806.78
15-Jan-18	0.00	8,676.10	8,676.10	650.71		9,326.81
15-Jul-18	59,027.00	8,676.10	67,703.10	650.71		68,353.81
15-Jan-19	0.00	8,085.83	8,085.83	606.44		8,692.27
15-Jul-19	60,219.00	8,085.83	68,304.83	606.44		68,911.27
15-Jan-20	0.00	7,483.64	7,483.64	561.27		8,044.91
15-Jul-20	61,436.00	7,483.64	68,919.64	561.27		69,480.91
15-Jan-21	0.00	6,869.28	6,869.28	515.20		7,384.48
15-Jul-21	62,677.00	6,869.28	69,546.28	515.20		70,061.48
15-Jan-22	0.00	6,242.51	6,242.51	468.19		6,710.70
15-Jul-22	63,943.00	6,242.51	70,185.51	468.19		70,653.70
15-Jan-23	0.00	5,603.08	5,603.08	420.23		6,023.31
15-Jul-23	65,235.00	5,603.08	70,838.08	420.23		71,258.31
15-Jan-24	0.00	4,950.73	4,950.73	371.30		5,322.03
15-Jul-24	66,553.00	4,950.73	71,503.73	371.30		71,875.03
15-Jan-25	0.00	4,285.20	4,285.20	321.39		4,606.59
15-Jul-25	67,897.00	4,285.20	72,182.20	321.39		72,503.59
15-Jan-26	0.00	3,606.23	3,606.23	270.47		3,876.70
15-Jul-26	69,269.00	3,606.23	72,875.23	270.47		73,145.70
15-Jan-27	0.00	2,913.54	2,913.54	218.52		3,132.06
15-Jul-27	70,668.00	2,913.54	73,581.54	218.52		73,800.06
15-Jan-28	0.00	2,206.86	2,206.86	165.51		2,372.37
15-Jul-28	72,096.00	2,206.86	74,302.86	165.51		74,468.37
15-Jan-29	0.00	1,485.90	1,485.90	111.44		1,597.34
15-Jul-29	73,552.00	1,485.90	75,037.90	111.44		75,149.34
15-Jan-30	0.00	750.38	750.38	56.28		806.66
15-Jul-30	75,038.00	750.38	75,788.38	56.28		75,844.66
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
15-Jul-38	0.00	0.00	0.00	0.00		0.00
15-Jan-39	0.00	0.00	0.00	0.00		0.00
15-Jul-39	0.00	0.00	0.00	0.00		0.00
15-Jan-40	0.00	0.00	0.00	0.00		0.00
15-Jul-40	0.00	0.00	0.00	0.00		0.00
15-Jan-41	0.00	0.00	0.00	0.00		0.00
15-Jul-41	0.00	0.00	0.00	0.00		0.00
	\$1,249,334.00	\$279,418.29	\$1,528,752.29	\$20,919.94	\$8,308.07	\$1,557,980.30

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

Massachusetts Water Pollution Abatement Trust  
Direct Loan

SCHEDULE C

Charlton  
DW-01-04-A  
Final Structuring Analysis

Loan Interest Rate 0.00%

Schedule of Loan Repayments

Initial Loan Obligation: \$650,000.00

Date	Schedule of Loan Repayments			Admin. Fee 0.00075	Loan Origination Fee	Total Due
	Principal	Interest	Total			
08-Jul-10						
15-Jan-11	\$0.00	\$0.00	\$0.00	\$487.50	4,322.50	\$4,810.00
15-Jul-11	32,500.00	0.00	32,500.00	487.50		32,987.50
15-Jan-12	0.00	0.00	0.00	463.13		463.13
15-Jul-12	32,500.00	0.00	32,500.00	463.13		32,963.13
15-Jan-13	0.00	0.00	0.00	438.75		438.75
15-Jul-13	32,500.00	0.00	32,500.00	438.75		32,938.75
15-Jan-14	0.00	0.00	0.00	414.38		414.38
15-Jul-14	32,500.00	0.00	32,500.00	414.38		32,914.38
15-Jan-15	0.00	0.00	0.00	390.00		390.00
15-Jul-15	32,500.00	0.00	32,500.00	390.00		32,890.00
15-Jan-16	0.00	0.00	0.00	365.63		365.63
15-Jul-16	32,500.00	0.00	32,500.00	365.63		32,865.63
15-Jan-17	0.00	0.00	0.00	341.25		341.25
15-Jul-17	32,500.00	0.00	32,500.00	341.25		32,841.25
15-Jan-18	0.00	0.00	0.00	316.88		316.88
15-Jul-18	32,500.00	0.00	32,500.00	316.88		32,816.88
15-Jan-19	0.00	0.00	0.00	292.50		292.50
15-Jul-19	32,500.00	0.00	32,500.00	292.50		32,792.50
15-Jan-20	0.00	0.00	0.00	268.13		268.13
15-Jul-20	32,500.00	0.00	32,500.00	268.13		32,768.13
15-Jan-21	0.00	0.00	0.00	243.75		243.75
15-Jul-21	32,500.00	0.00	32,500.00	243.75		32,743.75
15-Jan-22	0.00	0.00	0.00	219.38		219.38
15-Jul-22	32,500.00	0.00	32,500.00	219.38		32,719.38
15-Jan-23	0.00	0.00	0.00	195.00		195.00
15-Jul-23	32,500.00	0.00	32,500.00	195.00		32,695.00
15-Jan-24	0.00	0.00	0.00	170.63		170.63
15-Jul-24	32,500.00	0.00	32,500.00	170.63		32,670.63
15-Jan-25	0.00	0.00	0.00	146.25		146.25
15-Jul-25	32,500.00	0.00	32,500.00	146.25		32,646.25
15-Jan-26	0.00	0.00	0.00	121.88		121.88
15-Jul-26	32,500.00	0.00	32,500.00	121.88		32,621.88
15-Jan-27	0.00	0.00	0.00	97.50		97.50
15-Jul-27	32,500.00	0.00	32,500.00	97.50		32,597.50
15-Jan-28	0.00	0.00	0.00	73.13		73.13
15-Jul-28	32,500.00	0.00	32,500.00	73.13		32,573.13
15-Jan-29	0.00	0.00	0.00	48.75		48.75
15-Jul-29	32,500.00	0.00	32,500.00	48.75		32,548.75
15-Jan-30	0.00	0.00	0.00	24.38		24.38
15-Jul-30	32,500.00	0.00	32,500.00	24.38		32,524.38
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
	\$650,000.00	\$0.00	\$650,000.00	\$10,237.60	\$4,322.50	\$664,560.10

Massachusetts Water Pollution Abatement Trust  
 Water Pollution Abatement Revenue Bonds  
 (Pool Loan Program Bonds)  
 Series 5  
 Charlton  
 98-125  
 Final Loan Structuring Analysis

AMENDED SCHEDULE C

G.E. 50.00%

Schedule of Loan Repayments

Initial Loan Obligation: 2,893,483.00

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	68,402.36	68,402.36	38,528.17	0.00	38,528.17	0.00	29,874.19
01-Aug-05	158,381.00	71,295.47	229,676.47	38,528.17	69,223.69	107,751.86	121,924.60	0.00	121,924.60
01-Feb-06	0.00	75,162.42	75,162.42	36,419.25	3,333.36	39,752.61	0.00	35,409.81	35,409.81
01-Aug-06	162,181.00	64,550.14	226,731.14	36,419.25	68,826.16	105,245.41	121,485.73	0.00	121,485.73
01-Feb-07	0.00	73,291.87	73,291.87	34,259.73	3,333.36	37,593.09	0.00	35,698.78	35,698.78
01-Aug-07	166,690.00	62,039.87	228,729.87	34,259.73	70,922.24	105,181.97	123,547.90	0.00	123,547.90
01-Feb-08	0.00	71,361.43	71,361.43	32,040.17	3,333.36	35,373.53	0.00	35,987.90	35,987.90
01-Aug-08	170,933.00	50,982.05	221,915.05	32,040.17	68,838.39	100,878.56	121,036.49	0.00	121,036.49
01-Feb-09	0.00	69,773.55	69,773.55	29,764.11	3,333.36	33,097.47	0.00	36,676.08	36,676.08
01-Aug-09	175,298.00	48,550.50	223,848.50	29,764.11	71,089.60	100,853.71	122,994.79	0.00	122,994.79
01-Feb-10	0.00	68,003.56	68,003.56	27,429.93	3,333.36	30,763.29	0.00	37,240.27	37,240.27
01-Aug-10	180,000.00	30,164.24	210,164.24	27,429.93	63,828.00	91,257.93	118,906.32	0.00	118,906.32
01-Feb-11	0.00	62,765.03	62,765.03	25,033.14	3,333.36	28,366.50	0.00	34,398.53	34,398.53
01-Aug-11	185,000.00	29,782.30	214,782.30	25,033.14	67,190.04	92,223.18	122,559.13	0.00	122,559.13
01-Feb-12	0.00	60,399.17	60,399.17	22,569.77	3,333.36	25,903.13	0.00	34,496.04	34,496.04
01-Aug-12	190,000.00	33,261.07	223,261.07	22,569.77	69,155.21	91,724.98	131,536.09	0.00	131,536.09
01-Feb-13	0.00	50,653.86	50,653.86	20,039.83	3,333.36	23,373.19	0.00	27,280.68	27,280.68
01-Aug-13	195,000.00	30,039.72	225,039.72	20,039.83	70,815.18	90,855.00	134,184.71	0.00	134,184.71
01-Feb-14	0.00	46,607.66	46,607.66	17,443.31	3,333.36	20,776.67	0.00	25,830.99	25,830.99
01-Aug-14	200,000.00	26,815.62	226,815.62	17,443.31	69,182.42	86,625.72	140,189.90	0.00	140,189.90
01-Feb-15	0.00	35,703.73	35,703.73	14,780.21	3,333.36	18,113.57	0.00	17,590.17	17,590.17
01-Aug-15	210,000.00	23,388.24	233,388.24	14,780.21	69,070.48	83,850.69	149,537.55	0.00	149,537.55
01-Feb-16	0.00	27,894.74	27,894.74	11,983.95	3,333.36	15,317.31	0.00	12,577.43	12,577.43
01-Aug-16	215,000.00	20,341.58	235,341.58	11,983.95	69,324.11	81,308.06	154,033.52	0.00	154,033.52
01-Feb-17	0.00	19,754.90	19,754.90	9,121.12	3,333.36	12,454.48	0.00	7,300.43	7,300.43
01-Aug-17	220,000.00	16,447.72	236,447.72	9,121.12	70,290.35	79,411.47	157,036.25	0.00	157,036.25
01-Feb-18	0.00	11,336.61	11,336.61	6,191.71	2,464.16	8,655.87	0.00	2,680.74	2,680.74
01-Aug-18	230,000.00	12,607.85	242,607.85	6,191.71	72,379.12	78,570.83	164,037.03	0.00	164,037.03
01-Feb-19	0.00	4,770.09	4,770.09	3,129.15	1,640.95	4,770.09	0.00	0.00	0.00
01-Aug-19	235,000.00	6,462.50	241,462.50	3,129.15	71,766.49	74,895.64	166,566.87	0.00	166,566.87
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
	\$2,893,483.00	\$1,272,609.87	\$4,166,092.87	\$657,467.07	\$1,086,006.90	\$1,743,473.97	\$2,049,576.87	\$373,042.03	\$2,422,618.90

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

Charlton  
 98-125

Final Loan Structuring Analysis

Administrative Fee Schedule

Date	Principal Outstanding	Administrative Fee Payable @ 0.075000%
06-Oct-1999		
01-Feb-2000	3,644,723.00	1,746.43
01-Aug-2000	3,644,723.00	2,733.54
01-Feb-2001	3,499,240.00	2,624.43
01-Aug-2001	3,499,240.00	2,624.43
01-Feb-2002	3,351,476.00	2,513.61
01-Aug-2002	3,351,476.00	2,513.61
01-Feb-2003	3,201,418.00	2,401.06
01-Aug-2003	3,201,418.00	2,401.06
01-Feb-2004	3,048,839.00	2,286.63
01-Aug-2004	3,048,839.00	2,286.63
01-Feb-2005	2,893,483.00	2,170.11
01-Aug-2005	2,893,483.00	2,170.11
01-Feb-2006	2,735,102.00	2,051.33
01-Aug-2006	2,735,102.00	2,051.33
01-Feb-2007	2,572,921.00	1,929.69
01-Aug-2007	2,572,921.00	1,929.69
01-Feb-2008	2,406,231.00	1,804.67
01-Aug-2008	2,406,231.00	1,804.67
01-Feb-2009	2,235,298.00	1,676.47
01-Aug-2009	2,235,298.00	1,676.47
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	1,110,000.00	832.50
01-Aug-2015	1,110,000.00	832.50
01-Feb-2016	900,000.00	675.00
01-Aug-2016	900,000.00	675.00
01-Feb-2017	685,000.00	513.75
01-Aug-2017	685,000.00	513.75
01-Feb-2018	465,000.00	348.75
01-Aug-2018	465,000.00	348.75
01-Feb-2019	235,000.00	176.25
01-Aug-2019	235,000.00	176.25
01-Feb-2020	0.00	0.00
01-Aug-2020	0.00	0.00
01-Feb-2021	0.00	0.00
01-Aug-2021	0.00	0.00
01-Feb-2022	0.00	0.00
01-Aug-2022	0.00	0.00
01-Feb-2023	0.00	0.00
01-Aug-2023	0.00	0.00
01-Feb-2024	0.00	0.00
01-Aug-2024	0.00	0.00
01-Feb-2025	0.00	0.00
01-Aug-2025	0.00	0.00
01-Feb-2026	0.00	0.00
01-Aug-2026	0.00	0.00
01-Feb-2027	0.00	0.00
01-Aug-2027	0.00	0.00
01-Feb-2028	0.00	0.00
01-Aug-2028	0.00	0.00
01-Feb-2029	0.00	0.00
01-Aug-2029	0.00	0.00
01-Feb-2030	0.00	0.00
01-Aug-2030	0.00	0.00
		<u>\$61,163.47</u>

Series 6  
 Charlton  
 00-09

C.E.	50.00%
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Final Loan Structuring Analysis

Schedule of Loan Repayments

Initial Loan Obligation:	4,368,461.00
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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	101,536.13	101,536.13	57,404.85	0.00	57,404.85	0.00	44,131.28	44,131.28
01-Aug-05	220,928.00	110,267.87	331,195.87	57,404.85	99,277.57	156,682.42	174,513.45	0.00	174,513.45
01-Feb-06	0.00	107,692.63	107,692.63	54,501.69	2,958.60	57,460.30	0.00	50,232.34	50,232.34
01-Aug-06	226,022.00	107,746.10	333,768.10	54,501.69	100,805.62	155,307.32	178,460.78	0.00	178,460.78
01-Feb-07	0.00	105,515.08	105,515.08	51,531.60	4,391.60	55,923.20	0.00	49,591.88	49,591.88
01-Aug-07	231,367.00	95,575.45	326,942.45	51,531.60	99,303.07	150,834.67	176,107.78	0.00	176,107.78
01-Feb-08	0.00	103,679.72	103,679.72	48,491.26	4,391.60	52,882.86	0.00	50,796.86	50,796.86
01-Aug-08	236,849.00	91,049.51	327,898.51	48,491.26	101,535.23	150,026.49	177,872.02	0.00	177,872.02
01-Feb-09	0.00	101,398.39	101,398.39	45,378.89	4,391.60	49,770.49	0.00	51,627.90	51,627.90
01-Aug-09	243,220.00	75,731.03	318,951.03	45,378.89	100,952.08	146,330.97	172,620.06	0.00	172,620.06
01-Feb-10	0.00	103,244.83	103,244.83	42,182.79	4,391.60	46,574.39	0.00	56,670.44	56,670.44
01-Aug-10	250,075.00	67,774.60	317,849.60	42,182.79	101,342.42	143,525.21	174,324.39	0.00	174,324.39
01-Feb-11	0.00	99,032.92	99,032.92	38,896.62	4,391.60	43,288.22	0.00	55,744.70	55,744.70
01-Aug-11	260,000.00	60,236.04	320,236.04	38,896.62	100,632.71	139,529.33	180,706.71	0.00	180,706.71
01-Feb-12	0.00	91,762.59	91,762.59	35,480.03	4,391.60	39,871.63	0.00	51,890.97	51,890.97
01-Aug-12	265,000.00	48,717.97	313,717.97	35,480.03	95,187.63	130,667.65	183,050.32	0.00	183,050.32
01-Feb-13	0.00	78,940.50	78,940.50	31,997.73	4,391.60	36,389.33	0.00	42,551.17	42,551.17
01-Aug-13	270,000.00	49,875.29	319,875.29	31,997.73	98,590.55	130,588.27	189,287.01	0.00	189,287.01
01-Feb-14	0.00	70,370.28	70,370.28	28,449.72	4,391.60	32,841.32	0.00	37,528.95	37,528.95
01-Aug-14	280,000.00	44,940.74	324,940.74	28,449.72	98,663.76	127,113.48	197,827.25	0.00	197,827.25
01-Feb-15	0.00	59,982.51	59,982.51	24,770.31	4,391.60	29,161.91	0.00	30,820.59	30,820.59
01-Aug-15	290,000.00	39,944.83	329,944.83	24,770.31	98,722.52	123,492.83	206,452.00	0.00	206,452.00
01-Feb-16	0.00	49,064.68	49,064.68	20,959.50	4,391.60	25,351.10	0.00	23,713.58	23,713.58
01-Aug-16	300,000.00	35,076.99	335,076.99	20,959.50	98,981.99	119,941.49	215,135.50	0.00	215,135.50
01-Feb-17	0.00	37,857.71	37,857.71	17,017.27	4,391.60	21,408.87	0.00	16,448.84	16,448.84
01-Aug-17	310,000.00	29,583.49	339,583.49	17,017.27	99,112.63	116,129.90	223,453.58	0.00	223,453.58
01-Feb-18	0.00	26,380.88	26,380.88	12,943.64	4,353.91	17,297.55	0.00	9,083.33	9,083.33
01-Aug-18	320,000.00	24,051.94	344,051.94	12,943.64	100,706.23	113,649.87	230,402.06	0.00	230,402.06
01-Feb-19	0.00	16,092.80	16,092.80	8,738.60	3,709.88	12,448.47	0.00	3,644.33	3,644.33
01-Aug-19	330,000.00	17,456.25	347,456.25	8,738.60	102,442.50	111,181.10	236,275.15	0.00	236,275.15
01-Feb-20	0.00	7,725.53	7,725.53	4,402.15	3,323.38	7,725.53	0.00	0.00	0.00
01-Aug-20	335,000.00	8,793.75	343,793.75	4,402.15	101,908.39	106,310.54	237,483.21	0.00	237,483.21
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
	4,368,461.00	2,067,099.02	6,435,560.02	1,046,293.30	1,660,818.28	2,707,111.57	3,153,971.28	574,477.17	3,728,448.45



Massachusetts Water Pollution Abatement Trust  
 Water Pollution Abatement and Drinking Water Revenue Bonds  
 (Pool Program Bonds)  
 Series 6  
 Charlton  
 00-09  
 Final Structuring Analysis

Estimated Net Borrower Debt Service

Date	Principal Outstanding	Debt Service [Net of Accrued Interest]	LESS DSRF Earnings @ 5.256300%	LESS Contract Assistance	Estimated Net Debt Service	PLUS Administrative Fee Payable @ 0.075%	Estimated Total Payment	Estimated Total Payment [Fiscal Year ending] 30-Jun
08-Nov-00								
01-Feb-01	\$5,206,533.00	\$62,325.22	\$31,548.18	\$4,391.60	\$26,385.44	\$1,800.59	\$28,186.03	\$28,186.03
01-Aug-01	5,206,533.00	337,733.11	68,417.75	101,908.39	167,406.97	3,904.90	171,311.87	--
01-Feb-02	5,003,963.00	130,352.07	65,755.83	4,391.60	60,204.64	3,752.97	63,957.61	235,269.48
01-Aug-02	5,003,963.00	337,470.07	65,755.83	101,908.39	169,805.85	3,752.97	173,558.82	--
01-Feb-03	4,796,845.00	125,433.02	63,034.14	4,391.60	58,007.28	3,597.63	61,604.91	235,163.73
01-Aug-03	4,796,845.00	337,322.02	63,034.14	101,908.39	172,379.49	3,597.63	175,977.12	--
01-Feb-04	4,584,956.00	120,400.65	60,249.76	4,391.60	60,249.76	3,438.72	59,198.01	235,175.13
01-Aug-04	4,584,956.00	336,895.65	60,249.76	101,908.39	174,737.50	3,438.72	178,176.22	--
01-Feb-05	4,368,461.00	115,529.51	57,404.85	4,391.60	53,733.06	3,276.35	57,009.41	235,185.63
01-Aug-05	4,368,461.00	336,457.51	57,404.85	101,908.39	177,144.27	3,276.35	180,420.62	--
01-Feb-06	4,147,533.00	110,558.63	54,301.69	4,391.60	51,665.34	3,110.65	54,775.99	235,196.61
01-Aug-06	4,147,533.00	336,580.63	54,301.69	101,908.39	180,170.55	3,110.65	183,281.20	--
01-Feb-07	3,921,511.00	104,908.08	51,531.60	4,391.60	48,984.88	2,941.13	51,926.01	235,207.21
01-Aug-07	3,921,511.00	336,275.08	51,531.60	101,908.39	182,835.09	2,941.13	185,776.22	--
01-Feb-08	3,690,144.00	99,357.72	48,491.26	4,391.60	46,674.86	2,767.61	49,442.47	235,218.69
01-Aug-08	3,690,144.00	336,406.72	48,491.26	101,908.39	186,007.07	2,767.61	188,774.68	--
01-Feb-09	3,453,295.00	93,636.50	45,378.89	4,391.60	43,866.61	2,589.97	46,455.98	235,230.66
01-Aug-09	3,453,295.00	336,856.50	45,378.89	101,908.39	189,569.22	2,589.97	192,159.19	--
01-Feb-10	3,210,075.00	87,251.97	42,182.79	4,391.60	40,677.58	2,407.56	43,085.14	235,244.33
01-Aug-10	3,210,075.00	337,326.97	42,182.79	101,908.39	193,235.79	2,407.56	195,643.35	--
01-Feb-11	2,960,000.00	80,687.50	38,896.62	4,391.60	37,399.28	2,220.00	39,619.28	235,262.63
01-Aug-11	2,960,000.00	340,687.50	38,896.62	101,908.39	199,882.49	2,220.00	202,102.49	--
01-Feb-12	2,700,000.00	73,862.50	35,480.03	4,391.60	33,990.87	2,025.00	36,015.87	238,118.36
01-Aug-12	2,700,000.00	338,862.50	35,480.03	101,908.39	201,474.08	2,025.00	203,499.08	--
01-Feb-13	2,435,000.00	67,237.50	31,997.73	4,391.60	30,848.17	1,826.25	32,674.42	236,173.50
01-Aug-13	2,435,000.00	337,237.50	31,997.73	101,908.39	203,331.38	1,826.25	205,157.63	--
01-Feb-14	2,165,000.00	59,643.75	28,449.72	4,391.60	26,802.43	1,623.75	28,426.18	233,583.81
01-Aug-14	2,165,000.00	339,643.75	28,449.72	101,908.39	209,285.64	1,623.75	210,909.39	--
01-Feb-15	1,885,000.00	51,768.75	24,770.31	4,391.60	22,606.84	1,413.75	24,020.59	234,929.98
01-Aug-15	1,885,000.00	341,768.75	24,770.31	101,908.39	215,090.05	1,413.75	216,503.80	--
01-Feb-16	1,595,000.00	43,612.50	20,959.50	4,391.60	18,261.40	1,196.25	19,457.65	235,961.45
01-Aug-16	1,595,000.00	343,612.50	20,959.50	101,908.39	220,744.61	1,196.25	221,940.86	--
01-Feb-17	1,295,000.00	35,175.00	17,017.27	4,391.60	13,766.13	971.25	14,737.38	236,678.24
01-Aug-17	1,295,000.00	345,175.00	17,017.27	101,908.39	226,249.34	971.25	227,220.59	--
01-Feb-18	985,000.00	26,456.25	12,943.64	4,391.60	9,121.01	738.75	9,859.76	237,080.55
01-Aug-18	985,000.00	346,456.25	12,943.64	101,908.39	231,604.22	738.75	232,342.97	--
01-Feb-19	665,000.00	17,456.25	8,738.60	4,391.60	4,326.05	498.75	4,824.80	237,167.77
01-Aug-19	665,000.00	347,456.25	8,738.60	101,908.39	236,809.26	498.75	237,308.01	--
01-Feb-20	335,000.00	8,793.75	4,402.15	4,391.60	0.00	251.25	251.25	237,559.26
01-Aug-20	335,000.00	343,793.75	4,402.15	101,908.39	237,483.21	251.25	237,734.46	--
01-Feb-21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	237,734.46
01-Aug-21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
	\$8,308,665.13	\$1,524,338.69	\$2,125,999.80	\$4,658,326.64	\$87,000.67	\$4,745,327.31	\$4,745,327.31	

Average Annual Net Debt Service: \$236,097.08

Max: 238,118.36  
 Min: 233,583.81  
 Span: 4,534.55

G.E. 50.00%

Schedule of Loan Repayments

Initial Loan Obligation: 5,294,185.00

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	123,070.16	123,070.16	69,569.56	0.00	69,569.56	0.00	53,500.60
01-Aug-05	268,106.00	133,636.28	401,742.28	69,569.56	120,359.14	189,928.70	211,813.58	0.00	211,813.58
01-Feb-06	0.00	130,505.55	130,505.55	66,046.45	3,573.57	69,620.02	0.00	60,885.53	60,885.53
01-Aug-06	274,286.00	130,570.31	404,856.31	66,046.45	122,209.96	188,256.40	216,599.91	0.00	216,599.91
01-Feb-07	0.00	127,854.97	127,854.97	62,442.12	5,309.25	67,751.37	0.00	60,103.60	60,103.60
01-Aug-07	280,770.00	115,815.87	396,585.87	62,442.12	120,390.03	182,832.16	213,753.71	0.00	213,753.71
01-Feb-08	0.00	125,619.62	125,619.62	58,752.60	5,309.25	64,061.85	0.00	61,557.77	61,557.77
01-Aug-08	287,419.00	110,321.63	397,740.63	58,752.60	123,093.67	181,846.27	215,894.36	0.00	215,894.36
01-Feb-09	0.00	122,842.85	122,842.85	54,975.69	5,309.25	60,284.94	0.00	62,557.91	62,557.91
01-Aug-09	295,147.00	91,753.97	386,900.97	54,975.69	122,387.35	177,363.04	209,537.92	0.00	209,537.92
01-Feb-10	0.00	125,064.78	125,064.78	51,097.24	5,309.25	56,406.49	0.00	68,658.29	68,658.29
01-Aug-10	303,457.00	82,102.44	385,559.44	51,097.24	122,860.13	173,957.38	211,602.07	0.00	211,602.07
01-Feb-11	0.00	119,948.52	119,948.52	47,109.59	5,309.25	52,418.84	0.00	67,529.69	67,529.69
01-Aug-11	315,000.00	72,953.10	387,953.10	47,109.59	122,000.28	169,109.87	218,843.23	0.00	218,843.23
01-Feb-12	0.00	111,143.67	111,143.67	42,970.25	5,309.25	48,279.50	0.00	62,864.17	62,864.17
01-Aug-12	320,000.00	59,058.94	379,058.94	42,970.25	115,420.06	158,390.31	220,668.63	0.00	220,668.63
01-Feb-13	0.00	95,608.64	95,608.64	38,765.21	5,309.25	44,074.46	0.00	51,534.17	51,534.17
01-Aug-13	330,000.00	60,301.70	390,301.70	38,765.21	119,502.51	158,267.72	232,033.97	0.00	232,033.97
01-Feb-14	0.00	85,249.53	85,249.53	34,428.77	5,309.25	39,738.02	0.00	45,511.52	45,511.52
01-Aug-14	340,000.00	54,343.04	394,343.04	34,428.77	119,609.84	154,038.61	240,304.44	0.00	240,304.44
01-Feb-15	0.00	72,579.10	72,579.10	29,960.91	5,309.25	35,270.16	0.00	37,308.94	37,308.94
01-Aug-15	350,000.00	48,340.80	398,340.80	29,960.91	119,706.70	149,667.61	248,673.19	0.00	248,673.19
01-Feb-16	0.00	59,368.81	59,368.81	25,361.65	5,309.25	30,670.90	0.00	28,697.91	28,697.91
01-Aug-16	365,000.00	42,400.50	407,400.50	25,361.65	119,989.82	145,351.47	262,049.03	0.00	262,049.03
01-Feb-17	0.00	45,765.98	45,765.98	20,565.27	5,309.25	25,874.52	0.00	19,891.45	19,891.45
01-Aug-17	375,000.00	35,743.05	410,743.05	20,565.27	120,164.05	140,729.32	270,013.73	0.00	270,013.73
01-Feb-18	0.00	31,868.33	31,868.33	15,637.49	5,263.73	20,901.22	0.00	10,967.11	10,967.11
01-Aug-18	385,000.00	29,065.79	414,065.79	15,637.49	122,098.86	137,736.35	276,329.44	0.00	276,329.44
01-Feb-19	0.00	19,480.76	19,480.76	10,578.30	4,484.00	15,062.31	0.00	4,418.45	4,418.45
01-Aug-19	400,000.00	21,131.25	421,131.25	10,578.30	124,191.37	134,769.67	286,361.58	0.00	286,361.58
01-Feb-20	0.00	9,339.82	9,339.82	5,322.00	4,017.81	9,339.82	0.00	0.00	0.00
01-Aug-20	405,000.00	10,631.25	415,631.25	5,322.00	123,545.65	128,867.65	286,763.60	0.00	286,763.60
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
	5,294,185.00	2,503,481.02	7,797,666.02	1,267,166.23	2,013,270.29	3,280,436.52	3,821,242.39	695,987.12	4,517,229.51

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

Series 6
Charlton
99-09

Final Structuring Analysis

Estimated Net Borrower Debt Service

Date	Principal Outstanding	Debt Service [Net of Accrued Interest]	LESS DSRF Earnings @ 5.256300%	LESS Contract Assistance	Estimated Net Debt Service	PLUS Administrative Fee Payable @ 0.075%	Estimated Total Payment	Estimated Total Payment [Fiscal Year ending] 30-Jun
08-Nov-00								
01-Feb-01	\$6,311,246.00	\$75,546.65	\$38,242.02	\$5,309.25	\$31,995.38	\$2,182.64	\$34,178.02	\$34,178.02
01-Aug-01	6,311,246.00	409,673.09	82,934.51	123,545.65	203,192.93	4,733.43	207,926.36	—
01-Feb-02	6,065,409.00	137,997.46	79,704.02	5,309.25	72,984.19	4,549.06	77,533.25	285,459.61
01-Aug-02	6,065,409.00	409,351.46	79,704.02	123,545.65	206,101.79	4,549.06	210,650.85	—
01-Feb-03	5,814,055.00	152,027.80	76,401.04	5,309.25	70,317.51	4,360.34	74,678.05	285,328.90
01-Aug-03	5,814,055.00	409,168.80	76,401.04	123,545.65	209,222.11	4,360.34	213,582.65	—
01-Feb-04	5,556,914.00	145,920.70	73,022.02	5,309.25	67,589.43	4,167.69	71,757.12	285,339.77
01-Aug-04	5,556,914.00	408,649.70	73,022.02	123,545.65	212,082.03	4,167.69	216,249.72	—
01-Feb-05	5,294,185.00	140,009.30	69,569.56	5,309.25	65,130.49	3,970.64	69,101.13	285,350.85
01-Aug-05	5,294,185.00	408,115.30	69,569.56	123,545.65	215,000.09	3,970.64	218,970.73	—
01-Feb-06	5,026,079.00	133,976.91	66,046.45	5,309.25	62,621.21	3,769.56	66,390.77	285,361.50
01-Aug-06	5,026,079.00	408,262.91	66,046.45	123,545.65	218,670.81	3,769.56	222,440.37	—
01-Feb-07	4,751,793.00	127,119.76	62,442.12	5,309.25	59,368.39	3,563.84	62,932.23	285,372.60
01-Aug-07	4,751,793.00	407,889.76	62,442.12	123,545.65	221,901.99	3,563.84	225,465.83	—
01-Feb-08	4,471,023.00	120,626.96	58,752.60	5,309.25	56,565.11	3,353.27	59,918.38	285,384.21
01-Aug-08	4,471,023.00	408,045.96	58,752.60	123,545.65	225,747.71	3,353.27	229,100.98	—
01-Feb-09	4,183,604.00	113,441.48	54,975.69	5,309.25	53,156.54	3,137.70	56,294.24	285,395.22
01-Aug-09	4,183,604.00	408,388.48	54,975.69	123,545.65	230,067.14	3,137.70	233,204.84	—
01-Feb-10	3,888,457.00	105,693.87	51,097.24	5,309.25	49,287.38	2,916.34	52,203.72	285,408.56
01-Aug-10	3,888,457.00	409,150.87	51,097.24	123,545.65	234,507.98	2,916.34	237,424.32	—
01-Feb-11	3,585,000.00	97,728.13	47,109.59	5,309.25	45,309.29	2,688.75	47,998.04	285,422.36
01-Aug-11	3,585,000.00	412,728.13	47,109.59	123,545.65	242,072.89	2,688.75	244,761.64	—
01-Feb-12	3,270,000.00	89,459.38	42,970.25	5,309.25	41,179.88	2,452.50	43,632.38	288,394.02
01-Aug-12	3,270,000.00	409,459.38	42,970.25	123,545.65	242,943.48	2,452.50	245,395.98	—
01-Feb-13	2,950,000.00	81,459.38	38,765.21	5,309.25	37,384.92	2,212.50	39,597.42	284,993.40
01-Aug-13	2,950,000.00	411,459.38	38,765.21	123,545.65	249,148.52	2,212.50	251,361.02	—
01-Feb-14	2,620,000.00	72,178.13	34,428.77	5,309.25	32,440.11	1,965.00	34,405.11	285,766.13
01-Aug-14	2,620,000.00	412,178.13	34,428.77	123,545.65	254,203.71	1,965.00	256,168.71	—
01-Feb-15	2,280,000.00	62,615.63	29,960.91	5,309.25	27,345.47	1,710.00	29,055.47	285,224.18
01-Aug-15	2,280,000.00	412,615.63	29,960.91	123,545.65	259,109.07	1,710.00	260,819.07	—
01-Feb-16	1,930,000.00	52,771.88	25,361.65	5,309.25	22,100.98	1,447.50	23,548.48	284,367.55
01-Aug-16	1,930,000.00	417,771.88	25,361.65	123,545.65	268,864.58	1,447.50	270,312.08	—
01-Feb-17	1,565,000.00	42,506.25	20,565.27	5,309.25	16,631.73	1,173.75	17,805.48	288,117.56
01-Aug-17	1,565,000.00	417,506.25	20,565.27	123,545.65	273,395.33	1,173.75	274,569.08	—
01-Feb-18	1,190,000.00	31,959.38	15,637.49	5,309.25	11,012.64	892.50	11,905.14	286,474.22
01-Aug-18	1,190,000.00	416,959.38	15,637.49	123,545.65	277,776.24	892.50	278,668.74	—
01-Feb-19	805,000.00	21,131.25	10,578.30	5,309.25	5,243.70	603.75	5,847.45	284,516.19
01-Aug-19	805,000.00	421,131.25	10,578.30	123,545.65	287,007.30	603.75	287,611.05	—
01-Feb-20	405,000.00	10,631.25	5,322.00	5,309.25	0.00	303.75	303.75	287,914.80
01-Aug-20	405,000.00	415,631.25	5,322.00	123,545.65	286,763.60	303.75	287,067.35	—
01-Feb-21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	287,067.35
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	—
	\$10,069,138.54	\$1,846,596.89	\$2,577,098.00	\$5,645,443.65	\$105,393.35	\$5,750,837.00	\$5,750,837.00	

Average Annual Net Debt Service: \$286,126.95

Max: 288,394.02  
 Min: 284,367.55  
 Span: 4,026.47

G.E. 50.00%

Schedule of Loan Repayments

Obligation: 3,153,966.00

Date	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayment		
	Principal	Interest	Total	DSRF Earnings	Revised Contract Assistance	Total	Principal	Interest	Total
	01-Feb-05	0.00	69,367.72	69,367.72	27,252.16	0.00	27,252.16	0.00	42,115.56
01-Aug-05	133,467.00	73,763.56	207,230.56	27,252.16	72,098.45	99,350.61	107,879.95	0.00	107,879.95
01-Feb-06	0.00	71,761.56	71,761.56	26,098.92	327.18	26,426.10	0.00	45,335.46	45,335.46
01-Aug-06	136,761.00	71,761.56	208,522.56	26,098.92	72,098.45	98,197.38	110,325.19	0.00	110,325.19
01-Feb-07	0.00	68,342.53	68,342.53	24,917.23	327.18	25,244.41	0.00	43,098.13	43,098.13
01-Aug-07	141,529.00	68,342.53	209,871.53	24,917.23	72,098.45	97,015.68	112,855.85	0.00	112,855.85
01-Feb-08	0.00	64,804.31	64,804.31	23,694.33	327.18	24,021.51	0.00	40,782.80	40,782.80
01-Aug-08	146,464.00	65,408.44	211,872.44	23,694.33	72,395.98	96,090.32	115,782.12	0.00	115,782.12
01-Feb-09	0.00	61,133.65	61,133.65	22,428.79	327.18	22,755.97	0.00	38,377.68	38,377.68
01-Aug-09	150,345.00	61,133.65	211,478.65	22,428.79	72,089.39	94,518.19	116,960.47	0.00	116,960.47
01-Feb-10	0.00	58,577.78	58,577.78	21,129.72	327.18	21,456.90	0.00	37,120.88	37,120.88
01-Aug-10	154,362.00	58,577.78	212,939.78	21,129.72	72,089.39	93,219.12	119,720.67	0.00	119,720.67
01-Feb-11	0.00	54,718.73	54,718.73	19,795.94	327.18	20,123.12	0.00	34,595.61	34,595.61
01-Aug-11	158,622.00	54,718.73	213,340.73	19,795.94	72,089.39	91,885.34	121,525.40	0.00	121,525.40
01-Feb-12	0.00	51,782.93	51,782.93	18,424.75	327.18	18,751.93	0.00	33,031.00	33,031.00
01-Aug-12	162,346.00	51,782.93	214,128.93	18,424.75	73,196.44	91,621.19	122,507.75	0.00	122,507.75
01-Feb-13	0.00	50,750.10	50,750.10	17,021.98	327.18	17,349.16	0.00	33,400.94	33,400.94
01-Aug-13	170,000.00	36,884.97	206,884.97	17,021.98	66,550.38	83,572.36	123,312.61	0.00	123,312.61
01-Feb-14	0.00	44,646.53	44,646.53	15,553.08	327.18	15,880.26	0.00	28,766.27	28,766.27
01-Aug-14	175,000.00	31,790.79	206,790.79	15,553.08	66,233.81	81,786.89	125,003.90	0.00	125,003.90
01-Feb-15	0.00	40,051.31	40,051.31	14,040.98	327.18	14,368.16	0.00	25,683.16	25,683.16
01-Aug-15	180,000.00	27,786.30	207,786.30	14,040.98	66,557.52	80,598.50	127,187.80	0.00	127,187.80
01-Feb-16	0.00	35,609.49	35,609.49	12,485.67	327.18	12,812.85	0.00	22,796.65	22,796.65
01-Aug-16	185,000.00	22,872.98	207,872.98	12,485.67	66,425.30	78,910.96	128,962.02	0.00	128,962.02
01-Feb-17	0.00	31,133.35	31,133.35	10,887.16	327.18	11,214.34	0.00	19,919.02	19,919.02
01-Aug-17	195,000.00	21,815.40	216,815.40	10,887.16	68,238.32	79,125.48	137,689.93	0.00	137,689.93
01-Feb-18	0.00	26,316.97	26,316.97	9,202.24	327.18	9,529.42	0.00	16,787.55	16,787.55
01-Aug-18	200,000.00	23,928.75	223,928.75	9,202.24	71,762.09	80,964.32	142,964.43	0.00	142,964.43
01-Feb-19	0.00	21,378.16	21,378.16	7,474.12	327.18	7,801.30	0.00	13,574.86	13,574.86
01-Aug-19	205,000.00	11,555.19	216,555.19	7,474.12	68,161.31	75,635.43	140,919.77	0.00	140,919.77
01-Feb-20	0.00	16,423.16	16,423.16	5,702.80	327.18	6,029.98	0.00	10,393.18	10,393.18
01-Aug-20	215,000.00	10,517.98	225,517.98	5,702.80	70,243.62	75,946.42	149,571.56	0.00	149,571.56
01-Feb-21	0.00	11,125.00	11,125.00	3,845.07	327.18	4,172.25	0.00	6,952.75	6,952.75
01-Aug-21	220,000.00	11,125.00	231,125.00	3,845.07	73,234.63	77,079.70	154,045.30	0.00	154,045.30
01-Feb-22	0.00	5,625.00	5,625.00	1,944.14	327.18	2,271.32	0.00	3,353.69	3,353.69
01-Aug-22	225,000.00	5,625.00	230,625.00	1,944.14	73,234.63	75,178.77	155,446.23	0.00	155,446.23
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
	3,153,966.00	1,492,937.86	4,646,903.86	563,798.13	1,274,359.62	1,838,157.75	2,312,680.93	496,085.18	2,808,746.11

Massachusetts Water Pollution Abatement Trust  
Water Pollution Abatement and Drinking Water Revenue Bonds  
(Pool Program Bonds)  
Pool Program Bonds, Pool 8

Charlton
DW-01-04

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	\$3,415,351.00	\$28,462.96	\$10,656.64	\$327.18	\$17,479.14	\$924.99	\$18,404.13	\$18,404.13
01-Aug-03	3,415,351.00	208,626.52	29,510.68	73,234.63	105,881.21	2,561.51	108,442.72	-
01-Feb-04	3,285,545.00	76,873.43	28,389.08	327.18	48,157.17	2,464.16	50,621.33	159,064.05
01-Aug-04	3,285,545.00	208,452.43	28,389.08	73,234.63	106,828.72	2,464.16	109,292.88	-
01-Feb-05	3,153,966.00	74,899.74	27,252.16	327.18	47,320.40	2,365.47	49,685.87	158,978.75
01-Aug-05	3,153,966.00	208,366.74	27,252.16	73,234.63	107,879.95	2,365.47	110,245.42	-
01-Feb-06	3,020,499.00	72,897.74	26,098.92	327.18	46,471.64	2,265.37	48,737.01	158,982.43
01-Aug-06	3,020,499.00	209,658.74	26,098.92	73,234.63	110,325.19	2,265.37	112,590.56	-
01-Feb-07	2,883,738.00	69,478.71	24,917.23	327.18	44,234.30	2,162.80	46,397.10	158,987.66
01-Aug-07	2,883,738.00	211,007.71	24,917.23	73,234.63	112,855.85	2,162.80	115,018.65	-
01-Feb-08	2,742,209.00	65,940.49	23,694.33	327.18	41,918.98	2,056.66	43,975.64	158,994.29
01-Aug-08	2,742,209.00	212,404.49	23,694.33	73,234.63	115,475.53	2,056.66	117,532.19	-
01-Feb-09	2,595,745.00	62,278.89	22,428.79	327.18	39,522.92	1,946.81	41,469.73	159,001.92
01-Aug-09	2,595,745.00	212,623.89	22,428.79	73,234.63	116,960.47	1,946.81	118,907.28	-
01-Feb-10	2,445,400.00	59,723.02	21,129.72	327.18	38,266.12	1,834.05	40,100.17	159,007.45
01-Aug-10	2,445,400.00	214,085.02	21,129.72	73,234.63	119,720.67	1,834.05	121,554.72	-
01-Feb-11	2,291,038.00	55,863.97	19,795.94	327.18	35,740.85	1,718.28	37,459.13	159,013.85
01-Aug-11	2,291,038.00	214,555.97	19,795.94	73,234.63	121,525.40	1,718.28	123,243.68	-
01-Feb-12	2,132,346.00	52,928.17	18,424.75	327.18	34,176.24	1,599.26	35,775.50	159,019.18
01-Aug-12	2,132,346.00	215,274.17	18,424.75	73,234.63	123,614.79	1,599.26	125,214.05	-
01-Feb-13	1,970,000.00	49,681.25	17,021.98	327.18	32,332.09	1,477.50	33,809.59	159,023.64
01-Aug-13	1,970,000.00	219,681.25	17,021.98	73,234.63	129,424.64	1,477.50	130,902.14	-
01-Feb-14	1,800,000.00	45,218.75	15,553.08	327.18	29,338.49	1,350.00	30,688.49	161,590.63
01-Aug-14	1,800,000.00	220,218.75	15,553.08	73,234.63	131,431.04	1,350.00	132,781.04	-
01-Feb-15	1,625,000.00	40,625.00	14,040.98	327.18	26,256.84	1,218.75	27,475.59	160,256.63
01-Aug-15	1,625,000.00	220,625.00	14,040.98	73,234.63	133,349.39	1,218.75	134,568.14	-
01-Feb-16	1,445,000.00	36,125.00	12,485.67	327.18	23,312.15	1,083.75	24,395.90	158,964.04
01-Aug-16	1,445,000.00	221,125.00	12,485.67	73,234.63	135,404.70	1,083.75	136,488.45	-
01-Feb-17	1,260,000.00	31,500.00	10,887.16	327.18	20,285.66	945.00	21,230.66	157,719.11
01-Aug-17	1,260,000.00	226,500.00	10,887.16	73,234.63	142,378.21	945.00	143,323.21	-
01-Feb-18	1,065,000.00	26,625.00	9,202.24	327.18	17,095.58	798.75	17,894.33	161,217.54
01-Aug-18	1,065,000.00	226,625.00	9,202.24	73,234.63	144,188.13	798.75	144,986.88	-
01-Feb-19	865,000.00	21,625.00	7,474.12	327.18	13,823.70	648.75	14,472.45	159,459.33
01-Aug-19	865,000.00	226,625.00	7,474.12	73,234.63	145,916.25	648.75	146,565.00	-
01-Feb-20	660,000.00	16,500.00	5,702.80	327.18	10,470.02	495.00	10,965.02	157,530.02
01-Aug-20	660,000.00	231,500.00	5,702.80	73,234.63	152,562.57	495.00	153,057.57	-
01-Feb-21	445,000.00	11,125.00	3,845.07	327.18	6,952.75	333.75	7,286.50	160,344.07
01-Aug-21	445,000.00	231,125.00	3,845.07	73,234.63	154,045.30	333.75	154,379.05	-
01-Feb-22	225,000.00	5,625.00	1,944.13	327.18	3,353.69	168.75	3,522.44	157,901.49
01-Aug-22	225,000.00	230,625.00	1,944.13	73,234.63	155,446.24	168.75	155,614.99	-
01-Feb-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	155,614.99
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	-
		\$5,273,702.80	\$660,743.62	\$1,471,236.21	\$3,141,722.97	\$57,352.22	\$3,199,075.19	\$3,199,075.19

average Annual Net Debt Service \$159,633.56

Net Borrower Savings due to 2006 Refunding:	7,343.22
G.E.	2.00%

Schedule of Loan Repayments

Initial Loan Obligation:	253,423.62
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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-07	0.00	9,002.72	9,002.72	2,405.05	476.77	2,881.82	0.00	6,120.90	6,120.90
01-Aug-07	10,390.46	6,005.95	16,396.41	1,655.28	1,010.87	2,666.15	10,390.46	3,339.80	13,730.26
01-Feb-08	0.00	5,746.19	5,746.19	1,587.41	300.22	1,887.63	0.00	3,858.55	3,858.55
01-Aug-08	10,676.80	5,746.19	16,422.99	1,587.41	1,010.87	2,598.28	10,676.80	3,147.90	13,824.70
01-Feb-09	0.00	5,586.04	5,586.04	1,517.68	300.22	1,817.89	0.00	3,768.14	3,768.14
01-Aug-09	10,971.81	5,586.04	16,557.85	1,517.68	1,010.87	2,528.54	10,971.81	3,057.49	14,029.30
01-Feb-10	0.00	5,311.74	5,311.74	1,446.01	300.22	1,746.23	0.00	3,565.51	3,565.51
01-Aug-10	11,387.80	5,311.74	16,699.54	1,446.01	1,010.87	2,456.88	11,387.80	2,854.86	14,242.66
01-Feb-11	0.00	5,027.04	5,027.04	1,371.63	300.22	1,671.85	0.00	3,355.19	3,355.19
01-Aug-11	11,699.66	5,027.04	16,726.70	1,371.63	1,010.87	2,382.50	11,699.66	2,644.54	14,344.20
01-Feb-12	0.00	4,851.55	4,851.55	1,295.21	300.22	1,595.43	0.00	3,256.12	3,256.12
01-Aug-12	12,022.75	4,851.55	16,874.30	1,295.21	1,010.87	2,306.08	12,022.75	2,545.47	14,568.22
01-Feb-13	0.00	4,550.98	4,550.98	1,216.68	300.22	1,516.90	0.00	3,034.07	3,034.07
01-Aug-13	12,494.37	4,550.98	17,045.35	1,216.68	1,010.87	2,227.55	12,494.37	2,323.42	14,817.79
01-Feb-14	0.00	4,223.00	4,223.00	1,135.08	300.22	1,435.29	0.00	2,787.70	2,787.70
01-Aug-14	13,000.19	4,223.00	17,223.19	1,135.08	1,010.87	2,145.94	13,000.19	2,077.05	15,077.24
01-Feb-15	0.00	3,881.75	3,881.75	1,050.16	300.22	1,350.38	0.00	2,531.37	2,531.37
01-Aug-15	12,760.30	3,881.75	16,642.05	1,050.16	1,010.87	2,061.03	12,760.30	1,820.72	14,581.02
01-Feb-16	0.00	3,546.79	3,546.79	966.82	300.22	1,267.03	0.00	2,279.75	2,279.75
01-Aug-16	15,312.36	3,270.24	18,582.60	966.82	968.07	1,934.88	15,312.36	1,335.36	16,647.72
01-Feb-17	0.00	3,166.45	3,166.45	866.80	303.56	1,170.36	0.00	1,996.09	1,996.09
01-Aug-17	15,312.36	2,874.20	18,186.56	866.80	968.98	1,835.78	15,312.36	1,038.42	16,350.78
01-Feb-18	0.00	2,775.85	2,775.85	766.79	305.32	1,072.10	0.00	1,703.74	1,703.74
01-Aug-18	15,312.36	2,496.75	17,809.11	766.79	972.77	1,739.56	15,312.36	757.19	16,069.55
01-Feb-19	0.00	2,393.40	2,393.40	666.77	305.37	972.14	0.00	1,421.25	1,421.25
01-Aug-19	15,312.36	2,137.79	17,450.15	666.77	976.46	1,643.23	15,312.36	494.56	15,806.92
01-Feb-20	0.00	2,011.91	2,011.91	566.75	305.58	872.33	0.00	1,139.58	1,139.58
01-Aug-20	15,312.36	1,782.66	17,095.02	566.75	980.75	1,547.50	15,312.36	235.15	15,547.51
01-Feb-21	0.00	1,632.07	1,632.07	466.74	306.04	772.78	0.00	859.30	859.30
01-Aug-21	17,864.42	1,371.09	19,235.51	466.74	976.30	1,443.03	17,792.47	0.00	17,792.47
01-Feb-22	0.00	1,198.15	1,198.15	350.05	308.00	658.06	0.00	540.09	540.09
01-Aug-22	17,864.42	845.79	18,710.21	350.05	964.12	1,314.17	17,396.04	0.00	17,396.04
01-Feb-23	0.00	818.73	818.73	233.37	318.40	551.77	0.00	266.96	266.96
01-Aug-23	17,864.42	326.96	18,191.38	233.37	970.46	1,203.83	16,987.55	0.00	16,987.55
01-Feb-24	0.00	425.89	425.89	116.68	309.20	425.88	0.00	0.01	0.01
01-Aug-24	17,864.42	0.00	17,864.42	116.68	1,058.57	1,175.26	16,689.16	0.00	16,689.16
01-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	\$253,423.62	\$126,439.88	\$379,863.50	\$35,301.62	\$23,574.47	\$58,876.08	\$250,831.17	\$70,156.26	\$320,987.42

Final Loan Structuring Analysis  
 Revised Schedule of Loan Repayments

Outstanding Loan Obligation: \$253,423.62

	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayments		
	Principal	Interest	Total	Equity	Contract	Total	Principal	Interest	Total
				Earnings	Assistance Payments				
26-Oct-06									
01-Feb-07	\$0.00	\$9,005.32	\$9,005.32	\$2,405.05	\$479.37	\$2,884.42	\$0.00	\$6,120.90	\$6,120.90
01-Aug-07	10,390.46	6,197.93	16,588.39	1,655.28	1,040.58	2,695.86	10,390.46	3,502.07	13,892.53
01-Feb-08	0.00	5,938.17	5,938.17	1,587.42	329.93	1,917.35	0.00	4,020.82	4,020.82
01-Aug-08	10,676.80	5,938.17	16,614.97	1,587.42	1,040.58	2,628.00	10,676.80	3,310.17	13,986.97
01-Feb-09	0.00	5,778.02	5,778.02	1,517.68	329.93	1,847.61	0.00	3,930.41	3,930.41
01-Aug-09	10,971.81	5,778.02	16,749.83	1,517.68	1,040.58	2,558.26	10,971.81	3,219.76	14,191.57
01-Feb-10	0.00	5,503.72	5,503.72	1,446.01	329.93	1,775.94	0.00	3,727.78	3,727.78
01-Aug-10	11,387.80	5,503.72	16,891.52	1,446.01	1,040.58	2,486.59	11,387.80	3,017.13	14,404.93
01-Feb-11	0.00	5,219.02	5,219.02	1,371.63	329.93	1,701.56	0.00	3,517.46	3,517.46
01-Aug-11	11,699.66	5,219.02	16,918.68	1,371.63	1,040.58	2,412.21	11,699.66	2,806.81	14,506.47
01-Feb-12	0.00	5,043.53	5,043.53	1,295.21	329.93	1,625.14	0.00	3,418.39	3,418.39
01-Aug-12	12,022.75	5,043.53	17,066.28	1,295.21	1,040.58	2,335.79	12,022.75	2,707.74	14,730.49
01-Feb-13	0.00	4,742.96	4,742.96	1,216.68	329.93	1,546.61	0.00	3,196.35	3,196.35
01-Aug-13	12,494.37	4,742.96	17,237.33	1,216.68	1,040.58	2,257.26	12,494.37	2,485.70	14,980.07
01-Feb-14	0.00	4,414.98	4,414.98	1,135.07	329.93	1,465.00	0.00	2,949.98	2,949.98
01-Aug-14	13,000.19	4,414.98	17,415.17	1,135.07	1,040.58	2,175.65	13,000.19	2,239.33	15,239.52
01-Feb-15	0.00	4,073.73	4,073.73	1,050.16	329.93	1,380.09	0.00	2,693.64	2,693.64
01-Aug-15	12,760.30	4,073.73	16,834.03	1,050.16	1,040.58	2,090.74	12,760.30	1,982.99	14,743.29
01-Feb-16	0.00	3,738.77	3,738.77	966.82	329.93	1,296.75	0.00	2,442.02	2,442.02
01-Aug-16	15,312.36	3,738.77	19,051.13	966.82	1,040.58	2,007.40	15,312.36	1,731.37	17,043.73
01-Feb-17	0.00	3,336.82	3,336.82	866.80	329.93	1,196.73	0.00	2,140.09	2,140.09
01-Aug-17	15,312.36	3,336.82	18,649.18	866.80	1,040.58	1,907.38	15,312.36	1,429.44	16,741.80
01-Feb-18	0.00	2,934.87	2,934.87	766.79	329.93	1,096.72	0.00	1,838.15	1,838.15
01-Aug-18	15,312.36	2,934.87	18,247.23	766.79	1,040.58	1,807.37	15,312.36	1,127.50	16,439.86
01-Feb-19	0.00	2,552.06	2,552.06	666.77	329.93	996.70	0.00	1,555.36	1,555.36
01-Aug-19	15,312.36	2,552.06	17,864.42	666.77	1,040.58	1,707.35	15,312.36	844.71	16,157.07
01-Feb-20	0.00	2,169.25	2,169.25	566.76	329.93	896.69	0.00	1,272.56	1,272.56
01-Aug-20	15,312.36	2,169.25	17,481.61	566.76	1,040.58	1,607.34	15,312.36	561.91	15,874.27
01-Feb-21	0.00	1,786.44	1,786.44	466.74	329.93	796.67	0.00	989.77	989.77
01-Aug-21	17,864.42	1,786.44	19,650.86	466.74	1,040.58	1,507.32	17,864.42	279.12	18,143.54
01-Feb-22	0.00	1,339.83	1,339.83	350.06	329.93	679.99	0.00	659.84	659.84
01-Aug-22	17,864.42	1,339.83	19,204.25	350.06	1,040.58	1,390.64	17,813.61	0.00	17,813.61
01-Feb-23	0.00	893.22	893.22	233.37	329.93	563.30	0.00	329.92	329.92
01-Aug-23	17,864.42	893.22	18,757.64	233.37	1,040.58	1,273.95	17,483.69	0.00	17,483.69
01-Feb-24	0.00	446.61	446.61	116.69	329.92	446.61	0.00	0.00	0.00
01-Aug-24	17,864.42	446.61	18,311.03	116.69	1,040.58	1,157.27	17,153.76	0.00	17,153.76
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
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	\$253,423.62	\$135,027.25	\$388,450.87	\$35,301.65	\$24,818.59	\$60,120.24	\$252,281.42	\$76,049.21	\$328,330.63

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

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

Charlton
CW-03-29

Schedule of Administrative Fee [After October 26, 2006]

<u>Date</u>	<u>Principal Outstanding</u>	<u>Administrative Fee Payable @ 0.075%</u>
26-Oct-06		
01-Feb-07	253,423.62	276.16
01-Aug-07	253,423.62	190.07
01-Feb-08	243,033.16	182.27
01-Aug-08	243,033.16	182.27
01-Feb-09	232,356.36	174.27
01-Aug-09	232,356.36	174.27
01-Feb-10	221,384.55	166.04
01-Aug-10	221,384.55	166.04
01-Feb-11	209,996.75	157.50
01-Aug-11	209,996.75	157.50
01-Feb-12	198,297.09	148.72
01-Aug-12	198,297.09	148.72
01-Feb-13	186,274.34	139.71
01-Aug-13	186,274.34	139.71
01-Feb-14	173,779.97	130.33
01-Aug-14	173,779.97	130.33
01-Feb-15	160,779.78	120.58
01-Aug-15	160,779.78	120.58
01-Feb-16	148,019.48	111.01
01-Aug-16	148,019.48	111.01
01-Feb-17	132,707.12	99.53
01-Aug-17	132,707.12	99.53
01-Feb-18	117,394.76	88.05
01-Aug-18	117,394.76	88.05
01-Feb-19	102,082.40	76.56
01-Aug-19	102,082.40	76.56
01-Feb-20	86,770.04	65.08
01-Aug-20	86,770.04	65.08
01-Feb-21	71,457.68	53.59
01-Aug-21	71,457.68	53.59
01-Feb-22	53,593.26	40.19
01-Aug-22	53,593.26	40.19
01-Feb-23	35,728.84	26.80
01-Aug-23	35,728.84	26.80
01-Feb-24	17,864.42	13.40
01-Aug-24	17,864.42	13.40
01-Feb-25	0.00	0.00
01-Aug-25	0.00	0.00
01-Feb-26	0.00	0.00
01-Aug-26	0.00	0.00
01-Feb-27	0.00	0.00
01-Aug-27	0.00	0.00
01-Feb-28	0.00	0.00
		<u>\$4,053.49</u>



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

SCHEDULE C

Charlton  
 CW-03-29

Financial Equivalent Interest Rate: 2.00%

Final Structuring Analysis

Schedule of Loan Repayments

Initial Loan Obligation: \$535,831.00				Loan Subsidy Amounts			Net Loan Repayments		
Date	Scheduled Loan Repayments			Equity Earnings	Contract Assistance Payments	Total	Net Loan Repayments		
	Principal	Interest	Total				Principal	Interest	Total
23-Nov-04									
01-Feb-05	\$0.00	\$4,791.75	\$4,791.75	\$1,322.18	\$646.39	\$1,968.57	\$0.00	\$2,823.18	\$2,823.18
01-Aug-05	19,510.00	12,684.06	32,194.06	3,499.88	2,038.70	5,538.58	19,510.00	7,145.48	26,655.48
01-Feb-06	0.00	12,440.19	12,440.19	3,372.44	646.39	4,018.83	0.00	8,421.36	8,421.36
01-Aug-06	19,813.00	12,440.19	32,253.19	3,372.44	2,038.70	5,411.14	19,813.00	7,029.05	26,842.05
01-Feb-07	0.00	12,142.99	12,142.99	3,243.03	646.39	3,889.42	0.00	8,253.57	8,253.57
01-Aug-07	20,357.00	12,142.99	32,499.99	3,243.03	2,038.70	5,281.73	20,357.00	6,861.26	27,218.26
01-Feb-08	0.00	11,634.07	11,634.07	3,110.07	646.39	3,756.46	0.00	7,877.61	7,877.61
01-Aug-08	20,918.00	11,634.07	32,552.07	3,110.07	2,038.70	5,148.77	20,918.00	6,485.30	27,403.30
01-Feb-09	0.00	11,320.30	11,320.30	2,973.44	646.39	3,619.83	0.00	7,700.47	7,700.47
01-Aug-09	21,496.00	11,320.30	32,816.30	2,973.44	2,038.70	5,012.14	21,496.00	6,308.16	27,804.16
01-Feb-10	0.00	10,782.90	10,782.90	2,833.03	646.39	3,479.42	0.00	7,303.48	7,303.48
01-Aug-10	22,311.00	10,782.90	33,093.90	2,833.03	2,038.70	4,871.73	22,311.00	5,911.17	28,222.17
01-Feb-11	0.00	10,225.12	10,225.12	2,687.30	646.39	3,333.69	0.00	6,891.43	6,891.43
01-Aug-11	22,922.00	10,225.12	33,147.12	2,687.30	2,038.70	4,726.00	22,922.00	5,499.12	28,421.12
01-Feb-12	0.00	9,881.29	9,881.29	2,537.58	646.39	3,183.97	0.00	6,697.32	6,697.32
01-Aug-12	23,555.00	9,881.29	33,436.29	2,537.58	2,038.70	4,576.28	23,555.00	5,305.01	28,860.01
01-Feb-13	0.00	9,292.42	9,292.42	2,383.73	646.39	3,030.12	0.00	6,262.30	6,262.30
01-Aug-13	24,479.00	9,292.42	33,771.42	2,383.73	2,038.70	4,422.43	24,479.00	4,869.99	29,348.99
01-Feb-14	0.00	8,649.84	8,649.84	2,223.84	646.39	2,870.23	0.00	5,779.61	5,779.61
01-Aug-14	25,470.00	8,649.84	34,119.84	2,223.84	2,038.70	4,262.54	25,470.00	4,387.30	29,857.30
01-Feb-15	0.00	7,981.25	7,981.25	2,057.48	646.39	2,703.87	0.00	5,277.38	5,277.38
01-Aug-15	25,000.00	7,981.25	32,981.25	2,057.48	2,038.70	4,096.18	25,000.00	3,885.07	28,885.07
01-Feb-16	0.00	7,325.00	7,325.00	1,894.19	646.39	2,540.58	0.00	4,784.42	4,784.42
01-Aug-16	30,000.00	7,325.00	37,325.00	1,894.19	2,038.70	3,932.89	30,000.00	3,392.11	33,392.11
01-Feb-17	0.00	6,537.50	6,537.50	1,698.24	646.39	2,344.63	0.00	4,192.87	4,192.87
01-Aug-17	30,000.00	6,537.50	36,537.50	1,698.24	2,038.70	3,736.94	30,000.00	2,800.56	32,800.56
01-Feb-18	0.00	5,750.00	5,750.00	1,502.29	646.39	2,148.68	0.00	3,601.32	3,601.32
01-Aug-18	30,000.00	5,750.00	35,750.00	1,502.29	2,038.70	3,540.99	30,000.00	2,209.01	32,209.01
01-Feb-19	0.00	5,000.00	5,000.00	1,306.34	646.39	1,952.73	0.00	3,047.27	3,047.27
01-Aug-19	30,000.00	5,000.00	35,000.00	1,306.34	2,038.70	3,345.04	30,000.00	1,654.96	31,654.96
01-Feb-20	0.00	4,250.00	4,250.00	1,110.39	646.39	1,756.78	0.00	2,493.22	2,493.22
01-Aug-20	30,000.00	4,250.00	34,250.00	1,110.39	2,038.70	3,149.09	30,000.00	1,100.91	31,100.91
01-Feb-21	0.00	3,500.00	3,500.00	914.44	646.39	1,560.83	0.00	1,939.17	1,939.17
01-Aug-21	35,000.00	3,500.00	38,500.00	914.44	2,038.70	2,953.14	35,000.00	546.86	35,546.86
01-Feb-22	0.00	2,625.00	2,625.00	685.83	646.39	1,332.22	0.00	1,292.78	1,292.78
01-Aug-22	35,000.00	2,625.00	37,625.00	685.83	2,038.70	2,724.53	34,900.47	0.00	34,900.47
01-Feb-23	0.00	1,750.00	1,750.00	457.22	646.39	1,103.61	0.00	646.39	646.39
01-Aug-23	35,000.00	1,750.00	36,750.00	457.22	2,038.70	2,495.92	34,254.08	0.00	34,254.08
01-Feb-24	0.00	875.00	875.00	228.61	646.39	875.00	0.00	0.00	0.00
01-Aug-24	35,000.00	875.00	35,875.00	228.61	2,038.70	2,267.31	33,607.69	0.00	33,607.69
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
	\$535,831.00	\$301,401.55	\$837,232.55	\$79,261.04	\$53,701.77	\$132,962.81	\$533,593.24	\$170,676.49	\$704,269.74

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

Charlton  
 03-29  
 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	\$555,831.00	\$4,791.75	1,322.18	\$646.39	\$2,823.18	\$151.82	\$2,975.00	\$2,975.00
01-Aug-05	535,831.00	32,194.06	3,499.88	2,038.70	26,655.48	401.87	27,057.35	--
01-Feb-06	516,321.00	12,440.19	3,372.44	646.39	8,421.36	387.24	8,808.60	35,865.95
01-Aug-06	516,321.00	32,253.19	3,372.44	2,038.70	26,842.05	387.24	27,229.29	--
01-Feb-07	496,508.00	12,142.99	3,243.03	646.39	8,253.57	372.38	8,625.95	35,855.24
01-Aug-07	496,508.00	32,499.99	3,243.03	2,038.70	27,218.26	372.38	27,590.64	--
01-Feb-08	476,151.00	11,634.07	3,110.07	646.39	7,877.61	357.11	8,234.72	35,825.36
01-Aug-08	476,151.00	32,552.07	3,110.07	2,038.70	27,403.30	357.11	27,760.41	--
01-Feb-09	455,233.00	11,320.30	2,973.44	646.39	7,700.47	341.42	8,041.89	35,802.30
01-Aug-09	455,233.00	32,816.30	2,973.44	2,038.70	27,804.16	341.42	28,145.58	--
01-Feb-10	433,737.00	10,782.90	2,833.03	646.39	7,303.48	325.30	7,628.78	35,774.36
01-Aug-10	433,737.00	33,093.90	2,833.03	2,038.70	28,222.17	325.30	28,547.47	--
01-Feb-11	411,426.00	10,225.12	2,687.30	646.39	6,891.43	308.57	7,200.00	35,747.47
01-Aug-11	411,426.00	33,147.12	2,687.30	2,038.70	28,421.12	308.57	28,729.69	--
01-Feb-12	388,504.00	9,037.29	2,537.58	646.39	6,697.22	291.38	6,988.70	35,718.39
01-Aug-12	388,504.00	33,436.29	2,537.58	2,038.70	28,860.01	291.38	29,151.39	--
01-Feb-13	364,949.00	9,292.42	2,383.73	646.39	6,267.30	273.71	6,536.01	35,687.40
01-Aug-13	364,949.00	33,771.42	2,383.73	2,038.70	29,348.99	273.71	29,622.70	--
01-Feb-14	340,470.00	8,649.84	2,223.84	646.39	5,779.61	255.35	6,034.96	35,657.66
01-Aug-14	340,470.00	34,119.84	2,223.84	2,038.70	29,857.30	255.35	30,112.65	--
01-Feb-15	315,000.00	7,981.25	2,057.48	646.39	5,277.38	236.25	5,513.63	35,626.28
01-Aug-15	315,000.00	32,981.25	2,057.48	2,038.70	28,885.07	236.25	29,121.32	--
01-Feb-16	290,000.00	7,326.00	1,894.19	646.39	4,784.42	217.50	5,001.92	34,123.24
01-Aug-16	290,000.00	37,725.00	1,894.19	2,038.70	33,392.11	217.50	33,609.61	--
01-Feb-17	260,000.00	6,537.50	1,698.24	646.39	4,192.87	195.00	4,387.87	37,997.48
01-Aug-17	260,000.00	36,537.50	1,698.24	2,038.70	32,800.56	195.00	32,995.56	--
01-Feb-18	230,000.00	5,750.00	1,502.29	646.39	3,601.32	172.50	3,773.82	36,769.38
01-Aug-18	230,000.00	35,750.00	1,502.29	2,038.70	32,209.01	172.50	32,381.51	--
01-Feb-19	200,000.00	5,000.00	1,306.34	646.39	3,047.27	150.00	3,197.27	35,578.78
01-Aug-19	200,000.00	35,000.00	1,306.34	2,038.70	31,654.96	150.00	31,804.96	--
01-Feb-20	170,000.00	4,250.00	1,110.39	646.39	2,493.22	127.50	2,620.72	34,425.68
01-Aug-20	170,000.00	34,250.00	1,110.39	2,038.70	31,100.91	127.50	31,228.41	--
01-Feb-21	140,000.00	3,500.00	914.44	646.39	1,939.17	105.00	2,044.17	33,272.58
01-Aug-21	140,000.00	38,500.00	914.44	2,038.70	35,566.86	105.00	35,651.86	--
01-Feb-22	105,000.00	2,625.00	685.83	646.39	1,292.78	78.75	1,371.53	37,023.39
01-Aug-22	105,000.00	37,625.00	685.83	2,038.70	34,900.47	78.75	34,979.22	--
01-Feb-23	70,000.00	1,750.00	457.22	646.39	646.39	52.50	698.89	35,678.11
01-Aug-23	70,000.00	36,750.00	457.22	2,038.70	34,254.08	52.50	34,306.58	--
01-Feb-24	35,000.00	875.00	228.61	646.39	0.00	26.25	26.25	34,332.83
01-Aug-24	35,000.00	35,875.00	228.61	2,038.70	33,607.69	26.25	33,633.94	--
01-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33,633.94
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	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	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	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	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	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	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	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	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	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	0.00
		\$837,232.55	\$79,261.04	\$53,701.77	\$704,269.71	\$9,101.11	\$713,370.82	\$713,370.82

Average Annual Net Debt Service: \$35,769.91

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

Revised SCHEDULE C

Series 13

Charlton
CW-03-29-A

Final Loan Structuring Analysis

Revised Schedule of Loan Repayments

Outstanding Loan Obligation:	\$36,557.98
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	Schedule of Loan Repayments			Admin. Fee 0.07500%	Total Due
	Principal	Interest	Total		
15-Dec-09					
15-Jan-10	-	2,030.32	2,030.32	152.27	2,182.59
15-Jul-10	2,110.92	365.58	2,476.50	27.42	2,503.92
15-Jan-11	-	344.47	344.47	25.84	370.31
15-Jul-11	2,153.47	344.47	2,497.94	25.84	2,523.78
15-Jan-12	-	322.94	322.94	24.22	347.16
15-Jul-12	2,197.10	322.94	2,520.04	24.22	2,544.26
15-Jan-13	-	300.96	300.96	22.57	323.53
15-Jul-13	2,241.49	300.96	2,542.45	22.57	2,565.02
15-Jan-14	-	278.55	278.55	20.89	299.44
15-Jul-14	2,286.66	278.55	2,565.21	20.89	2,586.10
15-Jan-15	-	255.68	255.68	19.18	274.86
15-Jul-15	2,332.92	255.68	2,588.60	19.18	2,607.78
15-Jan-16	-	232.35	232.35	17.43	249.78
15-Jul-16	2,380.10	232.35	2,612.45	17.43	2,629.88
15-Jan-17	-	208.55	208.55	15.64	224.19
15-Jul-17	2,428.05	208.55	2,636.60	15.64	2,652.24
15-Jan-18	-	184.27	184.27	13.82	198.09
15-Jul-18	2,477.24	184.27	2,661.51	13.82	2,675.33
15-Jan-19	-	159.50	159.50	11.96	171.46
15-Jul-19	2,527.21	159.50	2,686.71	11.96	2,698.67
15-Jan-20	-	134.23	134.23	10.07	144.30
15-Jul-20	2,578.26	134.23	2,712.49	10.07	2,722.56
15-Jan-21	-	108.45	108.45	8.13	116.58
15-Jul-21	2,630.39	108.45	2,738.84	8.13	2,746.97
15-Jan-22	-	82.14	82.14	6.16	88.30
15-Jul-22	2,683.45	82.14	2,765.59	6.16	2,771.75
15-Jan-23	-	55.31	55.31	4.15	59.46
15-Jul-23	2,737.75	55.31	2,793.06	4.15	2,797.21
15-Jan-24	-	27.93	27.93	2.09	30.02
15-Jul-24	2,792.97	27.93	2,820.90	2.09	2,822.99
15-Jan-25	-	-	-	-	-
15-Jul-25	-	-	-	-	-
15-Jan-26	-	-	-	-	-
15-Jul-26	-	-	-	-	-
15-Jan-27	-	-	-	-	-
15-Jul-27	-	-	-	-	-
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	-	-	-	-	-
	\$36,557.98	\$7,786.56	\$44,344.54	\$583.99	\$44,928.53

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

SCHEDULE C

Charlton  
 CW-03-29-A  
 Final Structuring Analysis

Loan Interest Rate 2.00%

Schedule of Loan Repayments

Remaining Loan Obligation: \$262,424.00

Date	Schedule of Loan Repayments			Admin. Fee 0.00075	Loan Origination Fee	Total Due
	Principal	Interest	Total			
18-Dec-07						
15-Jul-08	\$12,721.00	\$3,017.88	\$15,738.88	\$196.82	1,679.51	\$17,615.21
15-Jan-09	0.00	2,497.03	2,497.03	187.28		2,684.31
15-Jul-09	13,376.00	2,497.03	15,873.03	187.28		16,060.31
15-Jan-10	0.00	2,363.27	2,363.27	177.25		2,540.52
15-Jul-10	13,646.00	2,363.27	16,009.27	177.25		16,186.52
15-Jan-11	0.00	2,226.81	2,226.81	167.01		2,393.82
15-Jul-11	13,921.00	2,226.81	16,147.81	167.01		16,314.82
15-Jan-12	0.00	2,087.60	2,087.60	156.57		2,244.17
15-Jul-12	14,203.00	2,087.60	16,290.60	156.57		16,447.17
15-Jan-13	0.00	1,945.57	1,945.57	145.92		2,091.49
15-Jul-13	14,490.00	1,945.57	16,435.57	145.92		16,581.49
15-Jan-14	0.00	1,800.67	1,800.67	135.05		1,935.72
15-Jul-14	14,782.00	1,800.67	16,582.67	135.05		16,717.72
15-Jan-15	0.00	1,652.85	1,652.85	123.96		1,776.81
15-Jul-15	15,081.00	1,652.85	16,733.85	123.96		16,857.81
15-Jan-16	0.00	1,502.04	1,502.04	112.65		1,614.69
15-Jul-16	15,386.00	1,502.04	16,888.04	112.65		17,000.69
15-Jan-17	0.00	1,348.18	1,348.18	101.11		1,449.29
15-Jul-17	15,696.00	1,348.18	17,044.18	101.11		17,145.29
15-Jan-18	0.00	1,191.22	1,191.22	89.34		1,280.56
15-Jul-18	16,014.00	1,191.22	17,205.22	89.34		17,294.56
15-Jan-19	0.00	1,031.08	1,031.08	77.33		1,108.41
15-Jul-19	16,337.00	1,031.08	17,368.08	77.33		17,445.41
15-Jan-20	0.00	867.71	867.71	65.08		932.79
15-Jul-20	16,667.00	867.71	17,534.71	65.08		17,599.79
15-Jan-21	0.00	701.04	701.04	52.58		753.62
15-Jul-21	17,004.00	701.04	17,705.04	52.58		17,757.62
15-Jan-22	0.00	531.00	531.00	39.83		570.83
15-Jul-22	17,347.00	531.00	17,878.00	39.83		17,917.83
15-Jan-23	0.00	357.53	357.53	26.81		384.34
15-Jul-23	17,698.00	357.53	18,055.53	26.81		18,082.34
15-Jan-24	0.00	180.55	180.55	13.54		194.09
15-Jul-24	18,055.00	180.55	18,235.55	13.54		18,249.09
15-Jan-25	0.00	0.00	0.00	0.00		0.00
15-Jul-25	0.00	0.00	0.00	0.00		0.00
15-Jan-26	0.00	0.00	0.00	0.00		0.00
15-Jul-26	0.00	0.00	0.00	0.00		0.00
15-Jan-27	0.00	0.00	0.00	0.00		0.00
15-Jul-27	0.00	0.00	0.00	0.00		0.00
15-Jan-28	0.00	0.00	0.00	0.00		0.00
15-Jul-28	0.00	0.00	0.00	0.00		0.00
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	0.00	0.00	0.00	0.00		0.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	0.00	0.00	0.00	0.00		0.00
15-Jan-31	0.00	0.00	0.00	0.00		0.00
15-Jul-31	0.00	0.00	0.00	0.00		0.00
15-Jan-32	0.00	0.00	0.00	0.00		0.00
15-Jul-32	0.00	0.00	0.00	0.00		0.00
15-Jan-33	0.00	0.00	0.00	0.00		0.00
15-Jul-33	0.00	0.00	0.00	0.00		0.00
15-Jan-34	0.00	0.00	0.00	0.00		0.00
15-Jul-34	0.00	0.00	0.00	0.00		0.00
15-Jan-35	0.00	0.00	0.00	0.00		0.00
15-Jul-35	0.00	0.00	0.00	0.00		0.00
15-Jan-36	0.00	0.00	0.00	0.00		0.00
15-Jul-36	0.00	0.00	0.00	0.00		0.00
15-Jan-37	0.00	0.00	0.00	0.00		0.00
15-Jul-37	0.00	0.00	0.00	0.00		0.00
15-Jan-38	0.00	0.00	0.00	0.00		0.00
15-Jul-38	0.00	0.00	0.00	0.00		0.00
15-Jan-39	0.00	0.00	0.00	0.00		0.00
	\$262,424.00	\$47,586.18	\$310,010.18	\$3,539.44	\$1,679.51	\$315,229.13

Massachusetts Water Pollution Abatement Trust  
Pool 16-2014 Swap  
CHARLTON Reamortization  
DW-01-04-A

Original Loan Amount	617,500.00	Loan Origination Fee (\$7.5/1000)	0.00
Principal Forgiveness (ARRA)	-	Loan Term (in years)	16
Principal Paid Down	<u>65,000.00</u>	Loan Rate	2.00%
Outstanding Loan Obligation	552,500.00	Closing Date	5/30/2014
Remaining Balance	<u>(26,262.10)</u>	First Payment	7/15/2014
Net New Loan Obligation	<u>526,237.90</u>		

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/30/2014							
7/15/2014	31,206.48		31,206.48	394.68		31,601.16	
1/15/2015				371.27		371.27	31,972.43
7/15/2015	31,178.37		31,178.37	371.27		31,549.64	
1/15/2016				347.89		347.89	31,897.53
7/15/2016	31,149.65		31,149.65	347.89		31,497.54	
1/15/2017				324.53		324.53	31,822.06
7/15/2017	31,120.30		31,120.30	324.53		31,444.82	
1/15/2018				301.19		301.19	31,746.01
7/15/2018	31,090.31		31,090.31	301.19		31,391.50	
1/15/2019				277.87		277.87	31,669.37
7/15/2019	31,059.67		31,059.67	277.87		31,337.54	
1/15/2020				254.57		254.57	31,592.12
7/15/2020	31,028.37		31,028.37	254.57		31,282.94	
1/15/2021				231.30		231.30	31,514.25
7/15/2021	30,996.39		30,996.39	231.30		31,227.69	
1/15/2022				208.06		208.06	31,435.75
7/15/2022	30,963.71		30,963.71	208.06		31,171.76	
1/15/2023				184.83		184.83	31,356.60
7/15/2023	30,930.32		30,930.32	184.83		31,115.15	
1/15/2024				161.64		161.64	31,276.79
7/15/2024	30,896.20		30,896.20	161.64		31,057.84	
1/15/2025				138.46		138.46	31,196.30
7/15/2025	30,861.35		30,861.35	138.46		30,999.81	
1/15/2026				115.32		115.32	31,115.13
7/15/2026	30,825.73		30,825.73	115.32		30,941.05	
1/15/2027				92.20		92.20	31,033.25
7/15/2027	30,789.34		30,789.34	92.20		30,881.54	
1/15/2028				69.11		69.11	30,950.65
7/15/2028	30,752.17		30,752.17	69.11		30,821.27	
1/15/2029				46.04		46.04	30,867.31
7/15/2029	30,714.18		30,714.18	46.04		30,760.22	
1/15/2030				23.01		23.01	30,783.23
7/15/2030	30,675.37		30,675.37	23.01		30,698.37	
							30,698.37
	526,237.90		526,237.90	6,689.25		532,927.15	532,927.15