

Massachusetts Water Pollution Abatement Trust  
 Water Pollution Abatement Revenue Bonds  
 (Pool Loan Program Bonds)  
 Series 4  
 Hatfield  
 97-56  
 Final Loan Structuring Analysis

Revised Schedule C

Schedule of Loan Repayments

Initial Loan Obligation: 997,100.00

Loan Subsidy Amounts

G.E. 50.00%

	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	21,937.65	21,937.65	11,406.33	292.85	11,699.18	0.00	10,238.47	10,238.47
01-Aug-05	61,900.00	20,776.95	82,676.95	11,406.33	23,382.40	34,788.73	47,888.23	0.00	47,888.23
01-Feb-06	0.00	24,283.24	24,283.24	10,698.22	1,187.90	11,886.12	0.00	12,397.12	12,397.12
01-Aug-06	63,300.00	19,725.84	83,025.84	10,698.22	23,959.25	34,657.47	48,368.37	0.00	48,368.37
01-Feb-07	0.00	23,667.56	23,667.56	9,974.10	1,187.90	11,162.00	0.00	12,505.56	12,505.56
01-Aug-07	65,200.00	16,372.76	81,572.76	9,974.10	23,574.75	33,548.85	48,023.91	0.00	48,023.91
01-Feb-08	0.00	23,039.12	23,039.12	9,228.24	1,187.90	10,416.14	0.00	12,622.98	12,622.98
01-Aug-08	66,800.00	13,741.20	80,541.20	9,228.24	23,445.08	32,673.32	47,867.88	0.00	47,867.88
01-Feb-09	0.00	22,361.85	22,361.85	8,464.09	1,187.90	9,651.99	0.00	12,709.86	12,709.86
01-Aug-09	68,500.00	10,420.79	78,920.79	8,464.09	22,465.95	30,930.04	47,990.75	0.00	47,990.75
01-Feb-10	0.00	20,549.20	20,549.20	7,680.48	1,187.90	8,868.38	0.00	11,680.82	11,680.82
01-Aug-10	70,600.00	11,482.80	82,082.80	7,680.48	23,585.08	31,265.56	50,817.24	0.00	50,817.24
01-Feb-11	0.00	18,161.00	18,161.00	6,872.85	1,187.90	8,060.75	0.00	10,100.25	10,100.25
01-Aug-11	72,800.00	6,340.92	79,140.92	6,872.85	21,655.06	28,527.91	50,613.01	0.00	50,613.01
01-Feb-12	0.00	15,768.21	15,768.21	6,040.06	1,187.90	7,227.96	0.00	8,540.26	8,540.26
01-Aug-12	38,800.00	43,183.40	81,983.40	6,040.06	23,703.86	29,743.92	38,800.00	13,439.48	52,239.48
01-Feb-13	0.00	15,492.25	15,492.25	5,596.20	1,187.90	6,784.10	0.00	8,708.15	8,708.15
01-Aug-13	75,600.00	7,855.24	83,455.24	5,596.20	22,822.65	28,418.85	55,036.38	0.00	55,036.38
01-Feb-14	0.00	12,786.33	12,786.33	4,731.38	1,187.90	5,919.28	0.00	6,867.05	6,867.05
01-Aug-14	77,900.00	8,195.36	86,095.36	4,731.38	23,535.68	28,267.06	57,828.30	0.00	57,828.30
01-Feb-15	0.00	9,938.83	9,938.83	3,840.24	1,187.90	5,028.14	0.00	4,910.69	4,910.69
01-Aug-15	80,300.00	7,001.31	87,301.31	3,840.24	23,475.91	27,316.15	59,985.16	0.00	59,985.16
01-Feb-16	0.00	6,959.48	6,959.48	2,921.65	1,187.90	4,109.55	0.00	2,849.93	2,849.93
01-Aug-16	82,700.00	5,815.38	88,515.38	2,921.65	23,650.40	26,572.05	61,943.33	0.00	61,943.33
01-Feb-17	0.00	4,268.08	4,268.08	1,975.60	1,163.19	3,138.79	0.00	1,129.29	1,129.29
01-Aug-17	85,100.00	2,291.08	87,391.08	1,975.60	22,947.85	24,923.45	62,467.64	0.00	62,467.64
01-Feb-18	0.00	2,190.00	2,190.00	1,002.10	1,187.90	2,190.00	0.00	0.00	0.00
01-Aug-18	87,600.00	2,190.00	89,790.00	1,002.10	23,961.05	24,963.15	64,826.85	0.00	64,826.85
01-Feb-19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	\$997,100.00	\$396,795.82	\$1,393,895.82	\$180,863.07	\$341,875.81	\$522,738.88	\$742,457.03	\$128,699.91	\$871,156.94

Massachusetts Water Pollution Abatement Trust  
 Water Pollution Abatement Revenue Bonds  
 (Pool Loan Program Bonds)  
 Series 4  
 Hatfield  
 1-56 97-50  
 Initial 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	\$1,344,700.00	\$94,822.27	\$19,826.59	\$35,941.58	\$39,054.10	\$1,299.88	\$40,353.98	--
01-Feb-2000	1,289,600.00	29,648.13	14,752.38	1,187.90	13,707.85	967.20	14,675.05	\$55,029.03
01-Aug-2000	1,289,600.00	85,948.13	14,752.38	23,961.05	47,234.70	967.20	48,201.90	--
01-Feb-2001	1,233,300.00	28,451.75	14,108.34	1,187.90	13,155.51	924.98	14,080.49	62,282.39
01-Aug-2001	1,233,300.00	85,851.75	14,108.34	23,961.05	47,782.36	924.98	48,707.34	--
01-Feb-2002	1,175,900.00	27,303.75	13,451.71	1,187.90	12,664.14	881.93	13,546.07	62,253.41
01-Aug-2002	1,175,900.00	85,803.75	13,451.71	23,961.05	48,390.99	881.93	49,272.92	--
01-Feb-2003	1,117,400.00	26,133.75	12,782.50	1,187.90	12,163.35	838.05	13,001.40	62,274.32
01-Aug-2003	1,117,400.00	85,733.75	12,782.50	23,961.05	48,990.20	838.05	49,828.25	--
01-Feb-2004	1,057,800.00	24,941.75	12,100.70	1,187.90	11,653.15	793.35	12,446.50	62,274.75
01-Aug-2004	1,057,800.00	85,641.75	12,100.70	23,961.05	49,580.00	793.35	50,373.35	--
01-Feb-2005	997,100.00	23,727.75	11,406.33	1,187.90	11,133.52	747.83	11,881.35	62,254.70
01-Aug-2005	997,100.00	85,627.75	11,406.33	23,961.05	50,260.37	747.83	51,008.20	--
01-Feb-2006	935,200.00	22,489.75	10,698.22	1,187.90	10,603.63	701.40	11,305.03	62,313.23
01-Aug-2006	935,200.00	85,789.75	10,698.22	23,961.05	51,130.48	701.40	51,831.88	--
01-Feb-2007	871,900.00	20,907.25	9,974.10	1,187.90	9,745.25	653.93	10,399.18	62,231.06
01-Aug-2007	871,900.00	86,107.25	9,974.10	23,961.05	52,172.10	653.93	52,826.03	--
01-Feb-2008	806,700.00	19,277.25	9,228.24	1,187.90	8,861.11	605.03	9,466.14	62,292.17
01-Aug-2008	806,700.00	86,077.25	9,228.24	23,961.05	52,887.96	605.03	53,492.99	--
01-Feb-2009	739,900.00	17,857.75	8,464.09	1,187.90	8,205.76	554.93	8,760.69	62,253.68
01-Aug-2009	739,900.00	86,357.75	8,464.09	23,961.05	53,932.61	554.93	54,487.54	--
01-Feb-2010	671,400.00	16,102.44	7,680.48	1,187.90	7,234.06	503.55	7,737.61	62,225.15
01-Aug-2010	671,400.00	86,702.44	7,680.48	23,961.05	55,060.91	503.55	55,564.46	--
01-Feb-2011	600,800.00	14,293.31	6,872.85	1,187.90	6,232.56	450.60	6,683.16	62,247.62
01-Aug-2011	600,800.00	87,093.31	6,872.85	23,961.05	56,259.41	450.60	56,710.01	--
01-Feb-2012	528,000.00	12,427.81	6,040.06	1,187.90	5,199.85	396.00	5,595.85	62,305.86
01-Aug-2012	528,000.00	85,562.23	6,040.06	23,961.05	55,561.12	396.00	55,957.12	--
01-Feb-2013	489,200.00	12,427.81	5,596.20	1,187.90	5,643.71	366.90	6,010.61	61,967.73
01-Aug-2013	489,200.00	88,027.81	5,596.20	23,961.05	58,470.56	366.90	58,837.46	--
01-Feb-2014	413,600.00	10,490.56	4,731.38	1,187.90	4,571.28	310.20	4,881.48	63,718.94
01-Aug-2014	413,600.00	88,390.56	4,731.38	23,961.05	59,698.13	310.20	60,008.33	--
01-Feb-2015	335,700.00	8,494.38	3,840.24	1,187.90	3,466.24	251.78	3,718.02	63,726.35
01-Aug-2015	335,700.00	88,794.38	3,840.24	23,961.05	60,993.09	251.78	61,244.87	--
01-Feb-2016	255,400.00	6,436.69	2,921.65	1,187.90	2,327.14	191.55	2,518.69	63,763.56
01-Aug-2016	255,400.00	89,136.69	2,921.65	23,961.05	62,253.99	191.55	62,445.54	--
01-Feb-2017	172,700.00	4,317.50	1,975.60	1,187.90	1,154.00	129.53	1,283.53	63,729.07
01-Aug-2017	172,700.00	89,417.50	1,975.60	23,961.05	63,480.85	129.53	63,610.38	--
01-Feb-2018	87,600.00	2,190.00	1,002.10	1,187.90	0.00	65.70	65.70	63,676.08
01-Aug-2018	87,600.00	89,790.00	1,002.10	23,961.05	64,826.85	65.70	64,892.55	--
01-Feb-2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64,892.55
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	--
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	--
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	--
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	--
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	--
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	--
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	--
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	--
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	--
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	--
01-Feb-2030	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		\$2,074,595.45	\$335,080.93	\$513,771.71	\$1,225,742.89	\$21,968.76	\$1,247,711.65	\$1,247,711.65

Total may not add due to penny rounding.

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

SCHEDULE C

Series 5

the V Loan  
 Attfield T5-97-1215

Preliminary Loan Structuring Analysis  
 Schedule of Loan Repayments

Outstanding Loan Oblig \$46,491.00

	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayments		
	Principal	Interest	Total	Equity	Contract	Total	Principal	Interest	Total
				Earnings	Assistance Payments				
01-Aug-01									
01-Feb-02	\$0.00	\$1,189.62	\$1,189.62	\$615.61	\$574.01	\$1,189.62	0.00	\$0.00	\$0.00
01-Aug-02	2,589.00	1,196.27	3,785.27	619.05	577.22	1,196.27	2,589.00	0.00	2,589.00
01-Feb-03	0.00	1,143.25	1,143.25	584.62	558.64	1,143.25	0.00	0.00	0.00
01-Aug-03	2,586.00	1,143.25	3,729.25	584.62	558.64	1,143.25	2,586.00	0.00	2,586.00
01-Feb-04	0.00	1,088.30	1,088.30	550.18	538.12	1,088.30	(0.00)	0.00	(0.00)
01-Aug-04	2,586.00	1,088.30	3,674.30	550.18	538.12	1,088.30	2,586.00	0.00	2,586.00
01-Feb-05	0.00	1,031.73	1,031.73	515.75	515.98	1,031.73	0.00	0.00	0.00
01-Aug-05	2,586.00	1,031.73	3,617.73	515.75	515.98	1,031.73	2,586.00	0.00	2,586.00
01-Feb-06	0.00	973.54	973.54	481.31	492.23	973.54	(0.00)	0.00	(0.00)
01-Aug-06	2,586.00	973.54	3,559.54	481.31	492.23	973.54	2,586.00	0.00	2,586.00
01-Feb-07	0.00	905.66	905.66	446.88	458.78	905.66	(0.00)	0.00	(0.00)
01-Aug-07	2,586.00	905.66	3,491.66	446.88	458.78	905.66	2,586.00	0.00	2,586.00
01-Feb-08	0.00	837.78	837.78	412.44	425.33	837.78	0.00	0.00	0.00
01-Aug-08	2,586.00	837.78	3,423.78	412.44	425.33	837.78	2,586.00	0.00	2,586.00
01-Feb-09	0.00	775.71	775.71	378.01	397.70	775.71	0.00	0.00	0.00
01-Aug-09	2,586.00	775.71	3,361.71	378.01	397.70	775.71	2,586.00	0.00	2,586.00
01-Feb-10	0.00	707.83	707.83	343.57	364.25	707.83	0.00	0.00	0.00
01-Aug-10	2,603.00	707.83	3,310.83	343.57	364.25	707.83	2,603.00	0.00	2,603.00
01-Feb-11	0.00	642.74	642.74	308.91	333.83	642.74	0.00	0.00	0.00
01-Aug-11	2,603.00	642.74	3,245.74	308.91	333.83	642.74	2,603.00	0.00	2,603.00
01-Feb-12	0.00	572.77	572.77	274.24	298.53	572.77	0.00	0.00	0.00
01-Aug-12	2,603.00	572.77	3,175.77	274.24	298.53	572.77	2,603.00	0.00	2,603.00
01-Feb-13	0.00	501.17	501.17	239.57	261.60	501.17	0.00	0.00	0.00
01-Aug-13	2,603.00	501.17	3,104.17	239.57	261.60	501.17	2,603.00	0.00	2,603.00
01-Feb-14	0.00	429.58	429.58	204.91	224.67	429.58	0.00	0.00	0.00
01-Aug-14	2,603.00	429.58	3,032.58	204.91	224.67	429.58	2,603.00	0.00	2,603.00
01-Feb-15	0.00	357.98	357.98	170.24	187.74	357.98	0.00	0.00	0.00
01-Aug-15	2,557.00	357.98	2,914.98	170.24	187.74	357.98	2,557.00	0.00	2,557.00
01-Feb-16	0.00	290.86	290.86	136.19	154.67	290.86	0.00	0.00	0.00
01-Aug-16	2,557.00	290.86	2,847.86	136.19	154.67	290.86	2,557.00	0.00	2,557.00
01-Feb-17	0.00	217.35	217.35	102.14	115.20	217.35	0.00	0.00	0.00
01-Aug-17	2,557.00	217.35	2,774.35	102.14	115.20	217.35	2,557.00	0.00	2,557.00
01-Feb-18	0.00	143.83	143.83	68.10	75.74	143.83	0.00	0.00	0.00
01-Aug-18	2,557.00	143.83	2,700.83	68.10	75.74	143.83	2,557.00	0.00	2,557.00
01-Feb-19	0.00	70.32	70.32	34.05	36.27	70.32	0.00	0.00	0.00
01-Aug-19	2,557.00	70.32	2,627.32	34.05	36.27	70.32	2,557.00	0.00	2,557.00
01-Feb-20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<b>\$46,491.00</b>	<b>\$23,766.66</b>	<b>\$70,257.66</b>	<b>\$11,736.86</b>	<b>\$12,029.80</b>	<b>\$23,766.66</b>	<b>\$46,491.00</b>	<b>\$0.00</b>	<b>\$46,491.00</b>

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