# Massachusetts Water Pollution Abatement Trust Series 17A NEEDHAM Loan Amortization CW-11-11

Initial Loan Amount	6,034,290.00	Loan Origination Fee (\$5.50/1000)	33,188.60
Principal Forgiveness	-	Loan Term (in years)	20
Net Loan Obligation	6,034,290.00	Loan Rate	2.00%
		Closing Date	5/22/2013
		First Interest Payment	7/15/2013
		First Principal Payment	1/15/2014

					Loan		
Data	Dringing	Interest	Total Dobt Consider	Admin Fee	Origination Fee	Total Debt	Annual Daht Candas
Date	Principal	Interest	Total Debt Service	(0.15%)	ree	Service	Annual Debt Service
5/22/2013		17 767 60	47 767 60	4 222 57	22 400 60	E0 000 00	
7/15/2013	044.000.00	17,767.63	17,767.63	1,332.57	33,188.60	52,288.80	004.050.40
1/15/2014	244,093.00	60,342.90	304,435.90	4,525.72		308,961.62	361,250.42
7/15/2014	0.40.000.00	57,901.97	57,901.97	4,342.65		62,244.62	070 007 04
1/15/2015	249,398.00	57,901.97	307,299.97	4,342.65		311,642.62	373,887.24
7/15/2015		55,407.99	55,407.99	4,155.60		59,563.59	
1/15/2016	254,818.00	55,407.99	310,225.99	4,155.60		314,381.59	373,945.18
7/15/2016		52,859.81	52,859.81	3,964.49		56,824.30	
1/15/2017	260,357.00	52,859.81	313,216.81	3,964.49		317,181.30	374,005.59
7/15/2017		50,256.24	50,256.24	3,769.22		54,025.46	
1/15/2018	266,015.00	50,256.24	316,271.24	3,769.22		320,040.46	374,065.92
7/15/2018		47,596.09	47,596.09	3,569.71		51,165.80	
1/15/2019	271,797.00	47,596.09	319,393.09	3,569.71		322,962.80	374,128.59
7/15/2019		44,878.12	44,878.12	3,365.86		48,243.98	
1/15/2020	277,704.00	44,878.12	322,582.12	3,365.86		325,947.98	374,191.96
7/15/2020		42,101.08	42,101.08	3,157.58		45,258.66	
1/15/2021	283,739.00	42,101.08	325,840.08	3,157.58		328,997.66	374,256.32
7/15/2021		39,263.69	39,263.69	2,944.78		42,208.47	
1/15/2022	289,906.00	39,263.69	329,169.69	2,944.78		332,114.47	374,322.93
7/15/2022	,	36,364.63	36,364.63	2,727.35		39,091.98	,
1/15/2023	296,207.00	36,364.63	332,571.63	2,727.35		335,298.98	374,390.95
7/15/2023		33,402.56	33,402.56	2,505.19		35,907.75	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
1/15/2024	302,644.00	33,402.56	336,046.56	2,505.19		338,551.75	374,459.50
7/15/2024	002,011100	30,376.12	30,376.12	2,278.21		32,654.33	0. 1, 100.00
1/15/2025	309,222.00	30,376.12	339,598.12	2,278.21		341,876.33	374,530.66
7/15/2025	000,222.00	27,283.90	27,283.90	2,046.29		29,330.19	07 1,000.00
1/15/2026	315,942.00	27,283.90	343,225.90	2,046.29		345,272.19	374,602.39
7/15/2026	313,342.00	24,124.48	24,124.48	1,809.34		25,933.82	374,002.33
1/15/2027	322,809.00	24,124.48	346,933.48	1,809.34		348,742.82	374,676.63
7/15/2027	322,009.00	,		1,567.23		,	374,070.03
	220 025 00	20,896.39	20,896.39			22,463.62	274 752 24
1/15/2028	329,825.00	20,896.39	350,721.39	1,567.23		352,288.62	374,752.24
7/15/2028	000 000 00	17,598.14	17,598.14	1,319.86		18,918.00	074 000 00
1/15/2029	336,993.00	17,598.14	354,591.14	1,319.86		355,911.00	374,829.00
7/15/2029	044.047.00	14,228.21	14,228.21	1,067.12		15,295.33	074 007 05
1/15/2030	344,317.00	14,228.21	358,545.21	1,067.12		359,612.33	374,907.65
7/15/2030		10,785.04	10,785.04	808.88		11,593.92	
1/15/2031	351,800.00	10,785.04	362,585.04	808.88		363,393.92	374,987.84
7/15/2031		7,267.04	7,267.04	545.03		7,812.07	
1/15/2032	359,446.00	7,267.04	366,713.04	545.03		367,258.07	375,070.14
7/15/2032		3,672.58	3,672.58	275.44		3,948.02	
1/15/2033	367,258.00	3,672.58	370,930.58	275.44		371,206.02	375,154.05
7/15/2033							
	6,034,290.00	1,310,638.69	7,344,928.69	98,297.90	33,188.60	7,476,415.19	7,476,415.19

# Massachusetts Clean Water Trust Series 19 Needham Loan Amortization CW-11-11-A

Initial Loan Amount	78,491.00	Loan Origination Fee (\$5.50/1000)	431.70
Principal Forgiveness		Loan Term (in years)	2
Net Loan Obligation	78,491.00	Loan Rate	2.00%
		Closing Date	2/11/2016
		First Interest Payment	7/15/2016
		First Principal Payment	1/15/2017

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
2/11/2016							
7/15/2016		671.53	671.53	50.37	431.70	1,153.60	
1/15/2017	38,824.00	784.91	39,608.91	58.87		39,667.78	40,821.38
7/15/2017		396.67	396.67	29.75		426.42	
1/15/2018	39,667.00	396.67	40,063.67	29.75		40,093.42	40,519.84
7/15/2018							
	78,491.00	2,249.78	80,740.78	168.73	431.70	81,341.22	81,341.22

## Massachusetts Water Pollution Abatement Trust Pool 15-2012 Swap NEEDHAM Reamortization DWS-08-24

Original Loan Amount	1,064,706.00	Loan Origination Fee (\$7.5/1000)	0.00
Principal Forgiveness (ARRA)	214,891.00	Loan Term (in years)	18
Principal Paid Down	34,905.00	Loan Rate	2.00%
Outstanding Loan Obligation	814,910.00	Closing Date	6/6/2012
Remaining Balance	(49,574.53)	First Payment	7/15/2012
Net New Loan Obligation	765,335.47		

	Net New	Loan Obligation	765,335.47		2		
					Loan	T	
Data	Dringing	Interest	Total Debt Service	Admin Fee (0.15%)	Origination Fee	Total Debt Service	Annual Debt Service
Date	Principal	mieresi	Total Debt Service	(0.15%)	ree	Service	Allitual Debt Service
6/6/2012	00 474 70	0.044.00	44 540 00	574.00		40,000,00	
7/15/2012	33,474.70	8,041.69	41,516.39	574.00		42,090.39	40.057.00
1/15/2013	0.1.1.0.00	7,318.61	7,318.61	548.90		7,867.50	49,957.90
7/15/2013	34,148.29	7,318.61	41,466.90	548.90		42,015.80	10.510.01
1/15/2014		6,977.12	6,977.12	523.28		7,500.41	49,516.21
7/15/2014	34,834.88	6,977.12	41,812.00	523.28		42,335.29	
1/15/2015		6,628.78	6,628.78	497.16		7,125.93	49,461.22
7/15/2015	35,535.43	6,628.78	42,164.21	497.16		42,661.37	
1/15/2016		6,273.42	6,273.42	470.51		6,743.93	49,405.29
7/15/2016	36,248.93	6,273.42	42,522.35	470.51		42,992.86	
1/15/2017		5,910.93	5,910.93	443.32		6,354.25	49,347.11
7/15/2017	36,978.36	5,910.93	42,889.29	443.32		43,332.61	
1/15/2018		5,541.15	5,541.15	415.59		5,956.73	49,289.34
7/15/2018	37,721.68	5,541.15	43,262.83	415.59		43,678.42	
1/15/2019		5,163.93	5,163.93	387.29		5,551.23	49,229.64
7/15/2019	38,479.88	5,163.93	43,643.81	387.29		44,031.11	
1/15/2020		4,779.13	4,779.13	358.43		5,137.57	49,168.68
7/15/2020	39,252.94	4,779.13	44,032.07	358.43		44,390.51	
1/15/2021		4,386.60	4,386.60	329.00		4,715.60	49,106.10
7/15/2021	40,042.82	4,386.60	44,429.42	329.00		44,758.42	
1/15/2022		3,986.18	3,986.18	298.96		4,285.14	49,043.56
7/15/2022	40,847.50	3,986.18	44,833.68	298.96		45,132.64	
1/15/2023		3,577.70	3,577.70	268.33		3,846.03	48,978.67
7/15/2023	41,668.96	3,577.70	45,246.66	268.33		45,514.99	
1/15/2024		3,161.01	3,161.01	237.08		3,398.09	48,913.08
7/15/2024	42,506.17	3,161.01	45,667.18	237.08		45,904.26	
1/15/2025		2,735.95	2,735.95	205.20		2,941.15	48,845.41
7/15/2025	43,361.11	2,735.95	46,097.05	205.20		46,302.25	
1/15/2026		2,302.34	2,302.34	172.68		2,475.01	48,777.26
7/15/2026	44,232.73	2,302.34	46,535.07	172.68		46,707.75	34400
1/15/2027	,	1,860.01	1,860.01	139.50		1,999.51	48,707.26
7/15/2027	45,121.02	1,860.01	46,981.04	139.50		47,120.54	
1/15/2028		1,408.80	1,408.80	105.66		1,514.46	48,635.00
7/15/2028	46,028.95	1,408.80	47,437.76	105.66		47,543.42	,
1/15/2029	,520.00	948.51	948.51	71.14		1,019.65	48,563.06
7/15/2029	46,953.49	948.51	47,902.00	71.14		47,973.14	,
1/15/2030	.5,500.10	478.98	478.98	35.92		514.90	48,488.04
7/15/2030	47,897.61	478.98	48,376.58	35.92		48,412.51	10, 100.01
1/15/2031	17,007.01	1, 5.00	10,010.00	55.02		10, 112.01	48,412.51
11.012001	765,335.47	154,919.99	920,255.46	11,589.87		931,845.34	931,845.34
	. 55,555. 77	101,010.00	525,255.16	11,000.01		00.,0.0.01	201,010.01

## Notes:

<sup>\*</sup> Not withstanding the schedule of Loan Repayments set forth above, until the Loan is refinanced with proceeds of bonds to be issued by the Trust, interest shall accrue at the Discount Rate set forth in the Loan Agreement only on that portion of the Loan that has been disbursed to or for the account of the Borrower, payable on the date of such refinancing. Thereafter, Loan Repayments shall be payable on the Loan in accordance.



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

Series 15

Needham
DWS-08-24
Final Structuring Analysis

Loan Interest Rate	2.00%
ARRA Principal Forgiveness*	214,891
Total Loan Amount	1,064,706

Schedule of Loan Repayments

Initial Loan Obligation: \$849,815.00

D-4-		of Loan Repayments	T-4-1	Admin. Fee	Loan	
<u>Date</u> 08-Jul-10	<u>Principal</u>	<u>interest</u>	<u>Total</u>	0.00075	Origination Fee	
15-Jan-11	\$0.00	\$8,828.63	\$8,828.63	\$637.36	5,651.27	\$15,1
15-Jul-11	34,905.00	8,498.15	43,403.15	637.36		44,0
15-Jan-12	0.00	8,149.10	8,149.10	611.18		8,7
15-Jul-12	35,610.00	8,149.10	43,759.10	611.18		44,3
15-Jan-13	0.00	7,793.00	7,793.00	584.48		8,3
15-Jul-13	36,330.00	7,793.00	44,123.00	584.48		44,7
15-Jan-14	0.00	7,429.70	7,429.70	557.23		7,9
15-Jul-14	37,064.00	7,429.70	44,493.70	557.23		45,0
15-Jan-15	0.00	7,059.06	7,059.06	529.43		7,5
15-Jul-15	37,813.00	7,059.06	44,872.06	529.43		45,4
15-Jan-16	0.00	6,680.93	6,680.93	501.07		7,1
15-Jul-16	38,576.00	6,680.93	45,256.93	501.07		45,7
15-Jan-17	0.00	6,295.17	6,295.17	472.14		6,7
15-Jul-17	39,356.00	6,295.17	45,651.17	472.14		46,1
15-Jan-18	0.00	5,901.61	5,901.61	442.62		6,3
15-Jul-18	40,151.00	5,901.61	46,052.61	442.62		46,4
15-Jan-19	0.00	5,500.10	5,500.10	412.51		5,9
15-Jul-19	40,962.00	5,500.10	46,462.10	412.51		46,8
15-Jan-20	0.00	5,090.48	5,090.48	381.79		5,4
15-Jul-20	41,789.00	5,090.48	46,879.48	381.79		47,2
15-Jan-21	0.00	4,672.59	4,672.59	350.44		5,0
15-Jul-21	42,634.00	4,672.59	47,306.59	350.44		47,6
15-Jan-22	0.00	4,246.25	4,246.25	318.47		4,5
15-Jul-22	43,495.00	4,246.25	47,741.25	318,47		48,0
15-Jan-23	0.00	3,811.30	3,811.30	285.85		4,0
15-Jul-23	44,374.00	3,811.30	48,185.30	285.85		48,4
15-Jan-24	0.00	3,367.56	3,367.56	252.57		3,6
15-Jul-24	45,270.00	3,367.56	48,637.56	252.57		48,8
15-Jan-25	0.00	2,914.86	2,914.86	218.61		3,1
15-Jul-25	46,185.00	2,914.86	49,099.86	218.61		49,3
15-Jan-26	0.00	2,453.01	2,453.01	183.98		2,6
15-Jui-26	47,118.00	2,453.01	49,571.01	183.98		49,7
15-Jan-27	0.00	1,981.83	1,981.83	148.64		2,1
15-Jul-27	48,069.00	1,981.83	50,050.83	148.64		50,1
15-Jan-28	0.00	1,501.14	1,501.14	112.59		1,6
15-Jul-28	49,041.00	1,501.14	50,542.14	112.59		50,6
15-Jan-29	0.00	1,010.73	1,010.73	75.80		1,0
15-Jul-29	50,031.00	1,010.73	51,041.73	75.80		51,1
15-Jan-30	0.00	510.42	510.42	38.28		54.5
15-Jul-30	51,042.00	510.42	51,552.42	38.28		51,5
15-Jan-31 15-Jul-31	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00		
15-Jan-32	0.00	0.00	0.00	0.00		
15-Jul-32	0.00	0.00	0.00 0.00	0.00 0.00		
15-Jan-33	0.00	0.00				
15-Jul-33 15-Jan-34	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00		
15-Jul-34	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00		
15-Jan-35	0.00	0.00	0.00	0.00		
15-Jul-35 15-Jan-36	0.00	0.00	0.00	0.00		
15-Jul-36 15-Jan-37	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00		
15-Jan-37 15-Jul-37	0.00	0,00	0.00	0.00		
15-Jul-37 15-Jan-38	0.00	0.00	0.00	0.00		
15-Jul-38	0.00	0.00	0.00	0.00		
15-Jan-39	0.00	0.00	0.00	0.00		
15-Jul-39	0.00	0.00	0.00	0.00		
15-Jan-40	0.00	0,00	0.00	0.00		
15-Jul-40	0.00	0.00	0.00	0.00		
15-Jan-41	0.00	0.00	0.00	0.00		
15-Jul-41	0.00	0.00	0.00	0.00		

<sup>\*</sup> 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 Water Pollution Abatement Revenue Bonds (Pool Loan Program Bonds) Series 5 Needham 98-92 Final Loan Structuring Analysis

AMENDED SCHEDULE C

G.E. 50.00%

Schedule of Loan Repayments

Initial Loan Obligation: 364,979.37

				Loan Subsidy Amounts					
	Schedule	ed Loan Repa	ayments	DSRF	Contract	:	Ne	et Loan Repayme	nt
<u>Date</u>	Principal	Interest	Total	Earnings	Assistance		Principal	Interest	Total
								<u> </u>	10141
01-Feb-05	0.00	8,651.78	8,651.78	4,859.88	0.00	4,859.88	0.00	3,791,89	3,791.89
01-Aug-05	20,031.51	8,990.72	29,022.23	4,859.88	8.762.99	13,622.87	15,399.36	0.00	15,399.36
01-Feb-06	0.00	9,475.23	9,475.23	4,593.15	394.36		0.00	4.487.71	4,487.71
01-Aug-06	20,519.90	8,139.56	28,659,46	4.593.15	8,712,96	13,306.11	15,353.35	0.00	15,353,35
01-Feb-07	0.00	9,236.97	9,236.97	4,319.92	394.36	4,714,28	0.00	4,522,69	4,522.69
01-Aug-07	21,098.19	7,820.78	28,918.97	4,319,92	8.976.77	13,296,69	15,622.28	0.00	15,622,28
01-Feb-08	0.00	8,990.89	8,990.89	4,038.99	394.36	4,433.35	0.00	4,557.54	4,557.54
01-Aug-08	21,643.11	6,425.93	28,069.04	4,038,99	8.714.50	12,753.48	15,315,55	0.00	15,315,55
01-Feb-09	0.00	8,787.93	8,787.93	3,750.80	394.36		0.00	4.642.77	4,642.77
01-Aug-09	22,199.16	6,116.78	28,315.94	3,750.80	8,997.84	12,748.64	15,567.30	0.00	15,567.30
01-Feb-10	0.00	8,561.59	8,561,59	3,455.21	394.36	3,849.57	0.00	4,712.03	4,712,03
01-Aug-10	23,168.53	3,755.96	26,924.49	3,455,21	8,070.95	11,526,16	15,398.33	0.00	15,398.33
01-Feb-11	0.00	7,906.71	7,906.71	3,146.71	394.36	3,541.07	0.00	4,365,64	4,365.64
01-Aug-11	23,168.53	3,748.77	26,917,30	3,146.71	8,509.20	11,655.90	15.261.40	0.00	15,261.40
01-Feb-12	0.00	7,588.51	7,588,51	2,838.20	394.36	3,232.56	0.00	4,355,94	4,355.94
01-Aug-12	23,168.53	4,216,09	27,384.62	2,838,20	8,761.30	11,599,51	15.785.11	0.00	15,785.11
01-Feb-13	0.00	6,365.61	6,365,61	2,529.70	394.36	2,924.06	0,00	3,441.55	3,441.55
01-Aug-13	23,168.53	3,851.37	27,019.90	2,529.70	8,967.86	11,497.57	15,522.34	0.00	15,522.34
01-Feb-14	0.00	5,869.17	5.869.17	2,221,20	394.36	2,615,56	0.00	3,253.61	3,253.61
01-Aug-14	27,802.23	3,328,94	31,131,17	2,221,20	8,732,10	10,953.30	20,177.87	0.00	20,177.87
01-Feb-15	0.00	4,518.38	4,518.38	1,851.00	394.36	2,245,36	0.00	2,273.01	2,273.01
01-Aug-15	27,802.23	2,885.11	30,687.34	1.851.00	8,730.63	10,581.63	20,105.71	0.00	20,105.71
01-Feb-16	0.00	3,464.90	3,464.90	1,480.80	394.36	1,875,16	0.00	1.589.74	1,589.74
01-Aug-16	27,802,23	2,490.96	30,293.19	1,480.80	8,770.00	10,250.80	20,042.38	0.00	20,042.38
01-Feb-17	0.00	2,408.68	2,408.68	1,110.60	394.36	1,504.96	0.00	903.71	903.71
01-Aug-17	27,802.23	1,991.19	29,793.42	1,110.60	8,897.03	10,007.63	19,785.79	0.00	19,785.79
01-Feb-18	0.00	1,355,95	1.355.95	740.40	290.40	1.030.80	0.00	325,16	325.16
01-Aug-18	27,802,23	1,507.44	29,309.67	740.40	9.154.92	9,895.32	19,414,35	0.00	19.414.35
01-Feb-19	0.00	564.34	564.34	370,20	194.14	564,34	0.00	0.00	0.00
01-Aug-19	27,802.23	764.56	28,566,79	370.20	9,083,03	9,453.23	19,113.56	0.00	19,113.56
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	00.0	0.00
-	\$364,979.37			\$82,613,55	\$137,058.94		\$257,864.66	\$47,223.00	\$305,087,66
		, <del>-</del>		452,5.0.00	Ţ.07,000.04	ψ± 10,012.40	φ201,004.00	ψ41,220.00	φουσ,υυτ.00

Series 5 Needham 98-92

Final Loan Structuring Analysis

Schedule of Administrative Fee [After September 28, 2001 Swap]

		Administrative
	Principal	Fee Payable @
<u>Date</u>	Outstanding	0.075%
28-Sep-01	Onomiums	XXIE IX
01-Feb-02	422,873.82	325.09
01-Aug-02	422,873.82	317.16
01-Feb-03	403,909.92	302.93
01-Aug-03 01-Feb-04	403,909.92 384,622.58	302.93 288.47
01-Aug-04	384,622.58	288.47
01-Feb-05	364,979.37	273.73
01-Aug-05	364,979.37	273.73
01-Feb-06	344,947.86	258.71
01-Aug-06	344,947.86	258.71
01-Feb-07	324,427.96	243.32
01-Aug-07	324,427.96	243.32
01-Feb-08	303,329.77	227.50
01-Aug-08 01-Feb-09	303,329.77 281,686.66	227.50 211.26
01-Aug-09	281,686.66	211.26
01-Feb-10	259,487.50	194.62
01-Aug-10	259,487.50	194.62
01-Feb-11	236,318.97	177.24
01-Aug-11	236,318.97	177.24
01-Feb-12	213,150.44	159.86
01-Aug-12	213,150.44	159.86
01-Feb-13	189,981.91	142.49
01-Aug-13 01-Feb-14	189,981.91 166,813.38	142.49 125.11
01-Aug-14	166,813.38	125.11
01-Feb-15	139,011.15	104.26
01-Aug-15	139,011.15	104.26
01-Feb-16	111,208.92	83.41
0Ì-Aug-16	111,208.92	83.41
01-Feb-17	83,406.69	62.56
01-Aug-17	83,406.69	62.56
01-Feb-18	55,604.46	41.70
01-Aug-18	55,604.46	41.70
01-Feb-19 01-Aug-19	27,802.23 27,802.23	20.85 20.85
·01-Feb-20	0.00	0.00
01-Aug-20	0.00	0.00
01-Feb-21	0.00	0.00
01-Aug-21	0.00	0.00
01-Feb-22	0.00	0.00
01-Aug-22	0.00	0.00
01-Feb-23	0.00	0.00
01-Aug-23	0.00	0.00
01-Feb-24	0.00 0.00	0.00
01-Aug-24 01-Feb-25	0.00	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
01-Aug-28	0.00	0.00
01-Feb-29	.0.00	0.00
01-Aug-29	0.00	0.00
01-Feb-30 01-Aug-30	0.00	0.00 .
v r-zuz-20	0.00	\$6,478.29
	•	₩U,¬1/U.4.7

SCHEDULE C

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

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Le V Loan cedham T5-97-1027

Preliminary Loan Structuring Analysis

Schedule of Loan Repayments

Outstanding Loan Oblig \$85,894.00

				Loan	n Subsidy Am		<del></del>		•
					Contract			_	
•		led Loan Rep		Equity				oan Repay	
	Principal	<u>Interest</u>	Total	Earnings	Payments .	Total	Principal	Interest	<u>Total</u>
01-Aug-01									
01-Feb-02	\$0.00	\$2,197.87	\$2,197.87	\$1,137.37	\$1,060.51	\$2,197.87	0.00	\$0.00	\$0.00
01-Aug-02	4,778.00	2,210.15	6,988.15	1,143.72	1,066.43	2,210.15	4,778.00	0.00	4,778.00
01-Feb-03	0.00	2,112.21	2,112.21	1,080.10	1,032.11	2,112.21	0.00	0.00	0.00
01-Ang-03	4,778.00	2,112.21	6,890,21	1,080.10	1,032.11	2,112.21	4,778.00	0.00	4,778.00
01-Feb-04	0.00	2,010.68	2,010.68	1,016.48	994.20	2,010.68	0.00	0.00	0.00
. 01-Aug-04	4,778.00	2,010.68	6,788.68	1,016.48	994.20	2,010.68	4,778.00	0.00	4,778.00
01-Feb-05	0.00	1,906.16	1,906.16	952.86	953.30	1,906.16	0.00	0.00	0.00
01-Aug-05	4,778.00	1,906.16	6,684.16	952.86	953.30	1,906.16	4,778.00	0.00	4,778.00
01-Feb-06	0,00	1,798.66	1,798.66	889.24	909.42	1,798.66	(0. <b>0</b> 0)	0.00	(0.00)
01-Aug-06	4,778.00	1, <b>7</b> 98.66	6,576.66	889.24	909.42	1,798.66	4,778.00	0.00	4,778.00
01-Feb-07	0,00	1,673.24	1,673.24	825.62	847.62	1,673.24	0.00	0.00	0.00
01-Aug-07	-	1,673.24	6,451.24	825.62	847.62	1,673.24	4,778.00	0.00	4,778.00
01-Feb-08		1,547.82	1,547.82	762.00	785.82	1,547.82	0.00	0.00	0.00
01-Aug-08		1,547.82	6,325.82	762.00	785.82	1,547.82	4,778.00	0.00	4,778.00
01-Feb-09	0.00	1,433.15	1,433.15	698.39	<b>73</b> 4.77	-	0.00	. 0.00	0.00
01-Aug-09	4,778.00	1,433,15	6,211.15	698.39	<b>73</b> 4.77	1,433.15	4,778.00	0.00	4,778.00
_ 01-Feb-10	0.00	1,307.74	1,307.74	634.77	672.97	1,307.74	0.00	0.00	0.00
1-Aug-10	4,810.00	1,307.74	6,117.74	634.77	672.97	1,307.74	4,810.00	0.00	4,810.00
)1-Feb-11	0.00	1,187.48	1,187.48	570.72	616.77	1,187.48	. 0.00	0.00	0.00
01-Aug-11	4,810.00	1,187.48	5,997.48	570.72	616.77	1,187.48	4,810.00	0.00	4,810.00
01-Feb-12	0,00	•	1,058.21	506.67	551.55	1,058.21	0.00	0.00	0.00
01-Aug-12	4,810.00	1,058.21	5,868.21	506.67	551.55	1,058.21	4,810.00	0,00	4,810.00
01-Feb-13	0.00	925.94	925.94	442.62	483.32	925.94	0.00	0.00	0.00
01-Aug-13	4,810.00	925.94	5,735.94	442.62	483.32	925.94	4,810.00	0.00	4,810.00
01-Feb-14	0.00	793.66	793.66	378.57	415.09	793.66	0.00	0.00	0.00
01-Aug-14	4,810.00	793.66	5,603.66	378.57	415.09	793.66	4,810.00	0.00	4,810.00
01-Feb-15	0.00	661.38	661.38	314.52	346.86	661.38	0.00	-0.00	0.00
01-Ang-15	4,724.00	661.38	5,385.38	314.52	346.86	661.38	4,724.00	0.00 0.00	4,724.00
01-Feb-16	0.00	537.37	537.37	251.62	285.76	537.37	0.00		0.00
01-Aug-16 01-Feb-17	4,724.00 0.00	537.37 401.55	5,261.37 401.55	251.62 188.71	285.76 212.84	537.37 401.55	<b>4,72</b> 4.00 0.00	0.00 0.00	4,724.00 0,00
01-res-17 01-Aug-17	4,724.00	401.55	5.125.55	188.71	212.84	401.55	4.724.00	0.00	4,724.00
01-Feb-18	0.00	265.73	265.73	125.81	139.93	265.73	0.00	0.00	0.00
01-ren-18	4,724.00	265.73	4,989.73	125.81	139.93	265.73	4,724.00	0.00	4,724.00
01-Aug-18 01-Feb-19	0.00	129.91	129.91	62.90	67.01	129.91	0.00	0.00	4,724.00 0.00
01-Feb-19	4,724.00	129.91	4,853.91	62.90	67.01	129.91	4,724.00	0.00	4,724.00
01-Aug-19 01-Feb-20	0.00	0:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Fe0-20 01-Aug-20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Ang-20	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-reb-22 01-Aug-22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Ang-22 01-Feb-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-7.00- <b>7</b> -3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	\$85,894.00	\$43,909.87		\$21,684.33	\$22,225.55	\$43,909.87	\$85,894.00	\$0.00	\$85,894.00
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<sup>\*</sup> Note: Interest, Equity Earnings and Contract Assistance Payments reflect partial first period.

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