

Massachusetts Clean Water Trust
Series 19
Worcester Loan Amortization
CWP-13-20

Initial Loan Amount	1,077,677.00	Loan Origination Fee (\$5.50/1000)	5,765.08
Principal Forgiveness	(29,481.00)	Loan Term (in years)	20
Net Loan Obligation	1,048,196.00	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		8,967.90	8,967.90	672.59	5,765.08	15,405.57	
1/15/2017	42,401.00	10,481.96	52,882.96	786.15		53,669.11	69,074.68
7/15/2017		10,057.95	10,057.95	754.35		10,812.30	
1/15/2018	43,322.00	10,057.95	53,379.95	754.35		54,134.30	64,946.59
7/15/2018		9,624.73	9,624.73	721.85		10,346.58	
1/15/2019	44,264.00	9,624.73	53,888.73	721.85		54,610.58	64,957.17
7/15/2019		9,182.09	9,182.09	688.66		9,870.75	
1/15/2020	45,226.00	9,182.09	54,408.09	688.66		55,096.75	64,967.49
7/15/2020		8,729.83	8,729.83	654.74		9,384.57	
1/15/2021	46,209.00	8,729.83	54,938.83	654.74		55,593.57	64,978.13
7/15/2021		8,267.74	8,267.74	620.08		8,887.82	
1/15/2022	47,213.00	8,267.74	55,480.74	620.08		56,100.82	64,988.64
7/15/2022		7,795.61	7,795.61	584.67		8,380.28	
1/15/2023	48,239.00	7,795.61	56,034.61	584.67		56,619.28	64,999.56
7/15/2023		7,313.22	7,313.22	548.49		7,861.71	
1/15/2024	49,287.00	7,313.22	56,600.22	548.49		57,148.71	65,010.42
7/15/2024		6,820.35	6,820.35	511.53		7,331.88	
1/15/2025	50,358.00	6,820.35	57,178.35	511.53		57,689.88	65,021.75
7/15/2025		6,316.77	6,316.77	473.76		6,790.53	
1/15/2026	51,453.00	6,316.77	57,769.77	473.76		58,243.53	65,034.06
7/15/2026		5,802.24	5,802.24	435.17		6,237.41	
1/15/2027	52,571.00	5,802.24	58,373.24	435.17		58,808.41	65,045.82
7/15/2027		5,276.53	5,276.53	395.74		5,672.27	
1/15/2028	53,714.00	5,276.53	58,990.53	395.74		59,386.27	65,058.54
7/15/2028		4,739.39	4,739.39	355.45		5,094.84	
1/15/2029	54,881.00	4,739.39	59,620.39	355.45		59,975.84	65,070.69
7/15/2029		4,190.58	4,190.58	314.29		4,504.87	
1/15/2030	56,074.00	4,190.58	60,264.58	314.29		60,578.87	65,083.75
7/15/2030		3,629.84	3,629.84	272.24		3,902.08	
1/15/2031	57,293.00	3,629.84	60,922.84	272.24		61,195.08	65,097.16
7/15/2031		3,056.91	3,056.91	229.27		3,286.18	
1/15/2032	58,538.00	3,056.91	61,594.91	229.27		61,824.18	65,110.36
7/15/2032		2,471.53	2,471.53	185.36		2,656.89	
1/15/2033	59,810.00	2,471.53	62,281.53	185.36		62,466.89	65,123.79
7/15/2033		1,873.43	1,873.43	140.51		2,013.94	
1/15/2034	61,110.00	1,873.43	62,983.43	140.51		63,123.94	65,137.87
7/15/2034		1,262.33	1,262.33	94.67		1,357.00	
1/15/2035	62,438.00	1,262.33	63,700.33	94.67		63,795.00	65,152.01
7/15/2035		637.95	637.95	47.85		685.80	
1/15/2036	63,795.00	637.95	64,432.95	47.85		64,480.80	65,166.59
7/15/2036							
	1,048,196.00	233,547.90	1,281,743.90	17,516.09	5,765.08	1,305,025.07	1,305,025.07

Notes:

**This project may qualify for principal forgiveness in accordance with schedule B to the Loan Agreement. Principal forgiveness shown on this schedule is an estimate, and is not a guarantee.

Massachusetts Clean Water Trust
Series 18
Worcester Loan Amortization
CW-13-06

Initial Loan Amount	561,500.00	Loan Origination Fee (\$5.50/1000)	3,088.25
Principal Forgiveness	-	Loan Term (in years)	20
Net Loan Obligation	561,500.00	Loan Rate	2.00%
		Closing Date	1/7/2015
		First Interest Payment	7/15/2015
		First Principal Payment	1/15/2016

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
1/7/2015							
7/15/2015		5,864.56	5,864.56	439.84	3,088.25	9,392.65	
1/15/2016	22,713.00	5,615.00	28,328.00	421.13		28,749.13	38,141.77
7/15/2016		5,387.87	5,387.87	404.09		5,791.96	
1/15/2017	23,207.00	5,387.87	28,594.87	404.09		28,998.96	34,790.92
7/15/2017		5,155.80	5,155.80	386.69		5,542.49	
1/15/2018	23,711.00	5,155.80	28,866.80	386.69		29,253.49	34,795.97
7/15/2018		4,918.69	4,918.69	368.90		5,287.59	
1/15/2019	24,227.00	4,918.69	29,145.69	368.90		29,514.59	34,802.18
7/15/2019		4,676.42	4,676.42	350.73		5,027.15	
1/15/2020	24,753.00	4,676.42	29,429.42	350.73		29,780.15	34,807.30
7/15/2020		4,428.89	4,428.89	332.17		4,761.06	
1/15/2021	25,291.00	4,428.89	29,719.89	332.17		30,052.06	34,813.11
7/15/2021		4,175.98	4,175.98	313.20		4,489.18	
1/15/2022	25,841.00	4,175.98	30,016.98	313.20		30,330.18	34,819.36
7/15/2022		3,917.57	3,917.57	293.82		4,211.39	
1/15/2023	26,402.00	3,917.57	30,319.57	293.82		30,613.39	34,824.78
7/15/2023		3,653.55	3,653.55	274.02		3,927.57	
1/15/2024	26,976.00	3,653.55	30,629.55	274.02		30,903.57	34,831.13
7/15/2024		3,383.79	3,383.79	253.78		3,637.57	
1/15/2025	27,562.00	3,383.79	30,945.79	253.78		31,199.57	34,837.15
7/15/2025		3,108.17	3,108.17	233.11		3,341.28	
1/15/2026	28,161.00	3,108.17	31,269.17	233.11		31,502.28	34,843.57
7/15/2026		2,826.56	2,826.56	211.99		3,038.55	
1/15/2027	28,774.00	2,826.56	31,600.56	211.99		31,812.55	34,851.10
7/15/2027		2,538.82	2,538.82	190.41		2,729.23	
1/15/2028	29,399.00	2,538.82	31,937.82	190.41		32,128.23	34,857.46
7/15/2028		2,244.83	2,244.83	168.36		2,413.19	
1/15/2029	30,038.00	2,244.83	32,282.83	168.36		32,451.19	34,864.38
7/15/2029		1,944.45	1,944.45	145.83		2,090.28	
1/15/2030	30,691.00	1,944.45	32,635.45	145.83		32,781.28	34,871.57
7/15/2030		1,637.54	1,637.54	122.82		1,760.36	
1/15/2031	31,358.00	1,637.54	32,995.54	122.82		33,118.36	34,878.71
7/15/2031		1,323.96	1,323.96	99.30		1,423.26	
1/15/2032	32,039.00	1,323.96	33,362.96	99.30		33,462.26	34,885.51
7/15/2032		1,003.57	1,003.57	75.27		1,078.84	
1/15/2033	32,736.00	1,003.57	33,739.57	75.27		33,814.84	34,893.68
7/15/2033		676.21	676.21	50.72		726.93	
1/15/2034	33,447.00	676.21	34,123.21	50.72		34,173.93	34,900.85
7/15/2034		341.74	341.74	25.63		367.37	
1/15/2035	34,174.00	341.74	34,515.74	25.63		34,541.37	34,908.74
7/15/2035							
	561,500.00	126,168.38	687,668.38	9,462.63	3,088.25	700,219.25	700,219.25

Notes:

Massachusetts Clean Water Trust
Pool 17 - 2015 Swap
WORCESTER Reamortization
CW-08-10-A

Original Loan Amount	522,692.00	Loan Origination Fee (\$7.5/1000)	0.00
Principal Forgiveness	-	Loan Term (in years)	16
Principal Paid Down	<u>48,599.00</u>	Loan Rate	2.00%
Outstanding Loan Obligation	474,093.00	Closing Date	5/14/2015
Remaining Balance	<u>(415,538.96)</u>	First Payment	7/15/2015
Net New Loan Obligation	58,554.04		

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/14/2015							
7/15/2015		3,332.71	3,332.71	43.92		3,376.63	
1/15/2016	3,099.79	585.54	3,685.33	43.92		3,729.25	7,105.88
7/15/2016		554.54	554.54	41.59		596.13	
1/15/2017	3,166.76	554.54	3,721.30	41.59		3,762.89	4,359.02
7/15/2017		522.87	522.87	39.22		562.09	
1/15/2018	3,235.33	522.87	3,758.21	39.22		3,797.42	4,359.51
7/15/2018		490.52	490.52	36.79		527.31	
1/15/2019	3,306.29	490.52	3,796.81	36.79		3,833.60	4,360.91
7/15/2019		457.46	457.46	34.31		491.77	
1/15/2020	3,377.41	457.46	3,834.86	34.31		3,869.17	4,360.94
7/15/2020		423.68	423.68	31.78		455.46	
1/15/2021	3,451.44	423.68	3,875.12	31.78		3,906.90	4,362.36
7/15/2021		389.17	389.17	29.19		418.36	
1/15/2022	3,526.15	389.17	3,915.32	29.19		3,944.51	4,362.86
7/15/2022		353.91	353.91	26.54		380.45	
1/15/2023	3,603.29	353.91	3,957.20	26.54		3,983.74	4,364.19
7/15/2023		317.88	317.88	23.84		341.72	
1/15/2024	3,681.61	317.88	3,999.48	23.84		4,023.33	4,365.04
7/15/2024		281.06	281.06	21.08		302.14	
1/15/2025	3,760.85	281.06	4,041.91	21.08		4,062.99	4,365.13
7/15/2025		243.45	243.45	18.26		261.71	
1/15/2026	3,842.76	243.45	4,086.21	18.26		4,104.47	4,366.18
7/15/2026		205.02	205.02	15.38		220.40	
1/15/2027	3,926.05	205.02	4,131.08	15.38		4,146.45	4,366.85
7/15/2027		165.76	165.76	12.43		178.20	
1/15/2028	4,011.47	165.76	4,177.23	12.43		4,189.66	4,367.86
7/15/2028		125.65	125.65	9.42		135.07	
1/15/2029	4,098.72	125.65	4,224.37	9.42		4,233.79	4,368.87
7/15/2029		84.66	84.66	6.35		91.01	
1/15/2030	4,187.53	84.66	4,272.19	6.35		4,278.54	4,369.55
7/15/2030		42.79	42.79	3.21		45.99	
1/15/2031	4,278.59	42.79	4,321.38	3.21		4,324.59	4,370.58
7/15/2031							
	58,554.04	13,235.12	71,789.16	786.60		72,575.75	72,575.75

Massachusetts Water Pollution Abatement Trust
Series 17A
WORCESTER Loan Amortization
CW-08-10-A

Initial Loan Amount	522,692.00	Loan Origination Fee (\$5.50/1000)	2,874.81
Principal Forgiveness	-	Loan Term (in years)	18
Net Loan Obligation	522,692.00	Loan Rate	2.00%
		Closing Date	5/22/2013
		First Interest Payment	7/15/2013
		First Principal Payment	1/15/2014

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/22/2013							
7/15/2013		1,539.04	1,539.04	115.43	2,874.81	4,529.27	
1/15/2014	24,038.00	5,226.92	29,264.92	392.02		29,656.94	34,186.21
7/15/2014		4,986.54	4,986.54	373.99		5,360.53	
1/15/2015	24,561.00	4,986.54	29,547.54	373.99		29,921.53	35,282.06
7/15/2015		4,740.93	4,740.93	355.57		5,096.50	
1/15/2016	25,095.00	4,740.93	29,835.93	355.57		30,191.50	35,288.00
7/15/2016		4,489.98	4,489.98	336.75		4,826.73	
1/15/2017	25,640.00	4,489.98	30,129.98	336.75		30,466.73	35,293.46
7/15/2017		4,233.58	4,233.58	317.52		4,551.10	
1/15/2018	26,197.00	4,233.58	30,430.58	317.52		30,748.10	35,299.20
7/15/2018		3,971.61	3,971.61	297.87		4,269.48	
1/15/2019	26,767.00	3,971.61	30,738.61	297.87		31,036.48	35,305.96
7/15/2019		3,703.94	3,703.94	277.80		3,981.74	
1/15/2020	27,348.00	3,703.94	31,051.94	277.80		31,329.74	35,311.47
7/15/2020		3,430.46	3,430.46	257.28		3,687.74	
1/15/2021	27,943.00	3,430.46	31,373.46	257.28		31,630.74	35,318.49
7/15/2021		3,151.03	3,151.03	236.33		3,387.36	
1/15/2022	28,550.00	3,151.03	31,701.03	236.33		31,937.36	35,324.71
7/15/2022		2,865.53	2,865.53	214.91		3,080.44	
1/15/2023	29,171.00	2,865.53	32,036.53	214.91		32,251.44	35,331.89
7/15/2023		2,573.82	2,573.82	193.04		2,766.86	
1/15/2024	29,805.00	2,573.82	32,378.82	193.04		32,571.86	35,338.71
7/15/2024		2,275.77	2,275.77	170.68		2,446.45	
1/15/2025	30,452.00	2,275.77	32,727.77	170.68		32,898.45	35,344.91
7/15/2025		1,971.25	1,971.25	147.84		2,119.09	
1/15/2026	31,114.00	1,971.25	33,085.25	147.84		33,233.09	35,352.19
7/15/2026		1,660.11	1,660.11	124.51		1,784.62	
1/15/2027	31,790.00	1,660.11	33,450.11	124.51		33,574.62	35,359.24
7/15/2027		1,342.21	1,342.21	100.67		1,442.88	
1/15/2028	32,481.00	1,342.21	33,823.21	100.67		33,923.88	35,366.75
7/15/2028		1,017.40	1,017.40	76.31		1,093.71	
1/15/2029	33,187.00	1,017.40	34,204.40	76.31		34,280.71	35,374.41
7/15/2029		685.53	685.53	51.41		736.94	
1/15/2030	33,908.00	685.53	34,593.53	51.41		34,644.94	35,381.89
7/15/2030		346.45	346.45	25.98		372.43	
1/15/2031	34,645.00	346.45	34,991.45	25.98		35,017.43	35,389.87
7/15/2031							
	522,692.00	101,658.24	624,350.24	7,624.37	2,874.81	634,849.41	634,849.41

Massachusetts Water Pollution Abatement Trust
Pool 16-2014 Swap
WORCESTER Reamortization
CWP-10-12

Original Loan Amount	1,230,807.00	Loan Origination Fee (\$7.5/1000)	0.00
Principal Forgiveness (ARRA)	265,243.00	Loan Term (in years)	18
Principal Paid Down	<u>39,058.00</u>	Loan Rate	2.00%
Outstanding Loan Obligation	926,506.00	Closing Date	5/30/2014
Remaining Balance	<u>(75,689.23)</u>	First Payment	7/15/2014
Net New Loan Obligation	<u>850,816.77</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	36,646.88	9,075.84	45,722.71	638.11		46,360.83	
1/15/2015		8,141.70	8,141.70	610.63		8,752.33	55,113.15
7/15/2015	37,443.02	8,141.70	45,584.72	610.63		46,195.35	
1/15/2016		7,767.27	7,767.27	582.55		8,349.81	54,545.16
7/15/2016	38,256.63	7,767.27	46,023.90	582.55		46,606.44	
1/15/2017		7,384.70	7,384.70	553.85		7,938.56	54,545.00
7/15/2017	39,088.66	7,384.70	46,473.36	553.85		47,027.22	
1/15/2018		6,993.82	6,993.82	524.54		7,518.35	54,545.57
7/15/2018	39,938.09	6,993.82	46,931.90	524.54		47,456.44	
1/15/2019		6,594.43	6,594.43	494.58		7,089.02	54,545.46
7/15/2019	40,805.87	6,594.43	47,400.30	494.58		47,894.89	
1/15/2020		6,186.38	6,186.38	463.98		6,650.35	54,545.24
7/15/2020	41,692.97	6,186.38	47,879.35	463.98		48,343.33	
1/15/2021		5,769.45	5,769.45	432.71		6,202.16	54,545.48
7/15/2021	42,599.36	5,769.45	48,368.81	432.71		48,801.52	
1/15/2022		5,343.45	5,343.45	400.76		5,744.21	54,545.73
7/15/2022	43,525.00	5,343.45	48,868.45	400.76		49,269.21	
1/15/2023		4,908.20	4,908.20	368.12		5,276.32	54,545.53
7/15/2023	44,470.85	4,908.20	49,379.05	368.12		49,747.16	
1/15/2024		4,463.49	4,463.49	334.76		4,798.26	54,545.42
7/15/2024	45,436.86	4,463.49	49,900.36	334.76		50,235.12	
1/15/2025		4,009.13	4,009.13	300.68		4,309.81	54,544.93
7/15/2025	46,425.01	4,009.13	50,434.14	300.68		50,734.82	
1/15/2026		3,544.88	3,544.88	265.87		3,810.74	54,545.57
7/15/2026	47,434.25	3,544.88	50,979.13	265.87		51,245.00	
1/15/2027		3,070.53	3,070.53	230.29		3,300.82	54,545.82
7/15/2027	48,464.54	3,070.53	51,535.08	230.29		51,765.37	
1/15/2028		2,585.89	2,585.89	193.94		2,779.83	54,545.20
7/15/2028	49,517.84	2,585.89	52,103.73	193.94		52,297.67	
1/15/2029		2,090.71	2,090.71	156.80		2,247.51	54,545.18
7/15/2029	50,594.10	2,090.71	52,684.81	156.80		52,841.61	
1/15/2030		1,584.77	1,584.77	118.86		1,703.63	54,545.24
7/15/2030	51,694.28	1,584.77	53,279.05	118.86		53,397.91	
1/15/2031		1,067.83	1,067.83	80.09		1,147.91	54,545.82
7/15/2031	52,817.33	1,067.83	53,885.16	80.09		53,965.25	
1/15/2032		539.65	539.65	40.47		580.13	54,545.37
7/15/2032	53,965.21	539.65	54,504.87	40.47		54,545.34	
							54,545.34
	850,816.77	173,168.38	1,023,985.15	12,945.05		1,036,930.20	1,036,930.20

Notes:

*This project may qualify for principal forgiveness in accordance with Schedule B to the Financing Agreement. Principal forgiveness shown on this schedule is an estimate, and is not a guarantee.

Massachusetts Water Pollution Abatement Trust
Series 16
Worcester Loan Amortization
CWP-10-12

Initial Loan Amount	1,230,807.00	Loan Origination Fee (\$5.57/1000)	5,378.19
Principal Forgiveness	(265,243.00)	Loan Term (in years)	20
Net Loan Obligation	965,564.00	Loan Rate	2.00%
		Closing Date	6/13/2012
		First Payment	1/15/2013

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
6/13/2012							
1/15/2013		11,372.20	11,372.20	724.17	5,378.19	17,474.56	17,474.56
7/15/2013	39,058.00	9,655.64	48,713.64	724.17		49,437.81	
1/15/2014		9,265.06	9,265.06	694.88		9,959.94	59,397.75
7/15/2014	39,907.00	9,265.06	49,172.06	694.88		49,866.94	
1/15/2015		8,865.99	8,865.99	664.95		9,530.94	59,397.88
7/15/2015	40,774.00	8,865.99	49,639.99	664.95		50,304.94	
1/15/2016		8,458.25	8,458.25	634.37		9,092.62	59,397.56
7/15/2016	41,660.00	8,458.25	50,118.25	634.37		50,752.62	
1/15/2017		8,041.65	8,041.65	603.12		8,644.77	59,397.39
7/15/2017	42,566.00	8,041.65	50,607.65	603.12		51,210.77	
1/15/2018		7,615.99	7,615.99	571.20		8,187.19	59,397.96
7/15/2018	43,491.00	7,615.99	51,106.99	571.20		51,678.19	
1/15/2019		7,181.08	7,181.08	538.58		7,719.66	59,397.85
7/15/2019	44,436.00	7,181.08	51,617.08	538.58		52,155.66	
1/15/2020		6,736.72	6,736.72	505.25		7,241.97	59,397.64
7/15/2020	45,402.00	6,736.72	52,138.72	505.25		52,643.97	
1/15/2021		6,282.70	6,282.70	471.20		6,753.90	59,397.88
7/15/2021	46,389.00	6,282.70	52,671.70	471.20		53,142.90	
1/15/2022		5,818.81	5,818.81	436.41		6,255.22	59,398.12
7/15/2022	47,397.00	5,818.81	53,215.81	436.41		53,652.22	
1/15/2023		5,344.84	5,344.84	400.86		5,745.70	59,397.92
7/15/2023	48,427.00	5,344.84	53,771.84	400.86		54,172.70	
1/15/2024		4,860.57	4,860.57	364.54		5,225.11	59,397.82
7/15/2024	49,479.00	4,860.57	54,339.57	364.54		54,704.11	
1/15/2025		4,365.78	4,365.78	327.43		4,693.21	59,397.33
7/15/2025	50,555.00	4,365.78	54,920.78	327.43		55,248.21	
1/15/2026		3,860.23	3,860.23	289.52		4,149.75	59,397.96
7/15/2026	51,654.00	3,860.23	55,514.23	289.52		55,803.75	
1/15/2027		3,343.69	3,343.69	250.78		3,594.47	59,398.21
7/15/2027	52,776.00	3,343.69	56,119.69	250.78		56,370.47	
1/15/2028		2,815.93	2,815.93	211.19		3,027.12	59,397.59
7/15/2028	53,923.00	2,815.93	56,738.93	211.19		56,950.12	
1/15/2029		2,276.70	2,276.70	170.75		2,447.45	59,397.58
7/15/2029	55,095.00	2,276.70	57,371.70	170.75		57,542.45	
1/15/2030		1,725.75	1,725.75	129.43		1,855.18	59,397.63
7/15/2030	56,293.00	1,725.75	58,018.75	129.43		58,148.18	
1/15/2031		1,162.82	1,162.82	87.21		1,250.03	59,398.21
7/15/2031	57,516.00	1,162.82	58,678.82	87.21		58,766.03	
1/15/2032		587.66	587.66	44.07		631.73	59,397.77
7/15/2032	58,766.00	587.66	59,353.66	44.07		59,397.73	
1/15/2033							59,397.73
	965,564.00	218,248.28	1,183,812.28	16,239.88	5,378.19	1,205,430.35	1,205,430.35

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.

**This project may qualify for principal forgiveness in accordance with schedule B to the Loan Agreement. Principal forgiveness shown on this schedule is an estimate, and is not a guarantee.

Massachusetts Water Pollution Abatement Trust
Pool 15-2012 Swap
WORCESTER Reamortization
CW-08-10

Original Loan Amount	2,335,171.00	Loan Origination Fee (\$7.5/1000)	0.00
Principal Forgiveness (ARRA)	-	Loan Term (in years)	18
Principal Paid Down	<u>95,915.00</u>	Loan Rate	2.00%
Outstanding Loan Obligation	2,239,256.00	Closing Date	6/6/2012
Remaining Balance	<u>(522,692.69)</u>	First Payment	7/15/2012
Net New Loan Obligation	<u>1,716,563.31</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	75,338.33	21,260.06	96,598.39	1,287.42		97,885.81	
1/15/2013		16,412.25	16,412.25	1,230.92		17,643.17	115,528.98
7/15/2013	76,826.03	16,412.25	93,238.28	1,230.92		94,469.20	
1/15/2014		15,643.99	15,643.99	1,173.30		16,817.29	111,286.48
7/15/2014	78,343.09	15,643.99	93,987.08	1,173.30		95,160.38	
1/15/2015		14,860.56	14,860.56	1,114.54		15,975.10	111,135.48
7/15/2015	79,889.29	14,860.56	94,749.84	1,114.54		95,864.39	
1/15/2016		14,061.67	14,061.67	1,054.62		15,116.29	110,980.68
7/15/2016	81,467.38	14,061.67	95,529.05	1,054.62		96,583.67	
1/15/2017		13,246.99	13,246.99	993.52		14,240.52	110,824.19
7/15/2017	83,075.13	13,246.99	96,322.12	993.52		97,315.65	
1/15/2018		12,416.24	12,416.24	931.22		13,347.46	110,663.11
7/15/2018	84,715.29	12,416.24	97,131.53	931.22		98,062.75	
1/15/2019		11,569.09	11,569.09	867.68		12,436.77	110,499.52
7/15/2019	86,387.62	11,569.09	97,956.70	867.68		98,824.38	
1/15/2020		10,705.21	10,705.21	802.89		11,508.10	110,332.49
7/15/2020	88,092.84	10,705.21	98,798.05	802.89		99,600.94	
1/15/2021		9,824.28	9,824.28	736.82		10,561.10	110,162.04
7/15/2021	89,830.70	9,824.28	99,654.98	736.82		100,391.80	
1/15/2022		8,925.98	8,925.98	669.45		9,595.42	109,987.23
7/15/2022	91,603.93	8,925.98	100,529.90	669.45		101,199.35	
1/15/2023		8,009.94	8,009.94	600.75		8,610.68	109,810.04
7/15/2023	93,412.25	8,009.94	101,422.19	600.75		102,022.94	
1/15/2024		7,075.81	7,075.81	530.69		7,606.50	109,629.44
7/15/2024	95,255.39	7,075.81	102,331.21	530.69		102,861.90	
1/15/2025		6,123.26	6,123.26	459.24		6,582.50	109,444.40
7/15/2025	97,135.06	6,123.26	103,258.32	459.24		103,717.57	
1/15/2026		5,151.91	5,151.91	386.39		5,538.30	109,255.87
7/15/2026	99,051.97	5,151.91	104,203.88	386.39		104,590.27	
1/15/2027		4,161.39	4,161.39	312.10		4,473.49	109,063.77
7/15/2027	101,005.81	4,161.39	105,167.20	312.10		105,479.30	
1/15/2028		3,151.33	3,151.33	236.35		3,387.68	108,866.98
7/15/2028	102,999.28	3,151.33	106,150.61	236.35		106,386.96	
1/15/2029		2,121.34	2,121.34	159.10		2,280.44	108,667.40
7/15/2029	105,031.07	2,121.34	107,152.41	159.10		107,311.51	
1/15/2030		1,071.03	1,071.03	80.33		1,151.36	108,462.86
7/15/2030	107,102.86	1,071.03	108,173.89	80.33		108,254.21	
1/15/2031							108,254.21
	1,716,563.31	350,324.59	2,066,887.90	25,967.26		2,092,855.16	2,092,855.16

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

Worcester
 CW-08-10

Loan Interest Rate 2.00%

Final Structuring Analysis

Schedule of Loan Repayments

Initial Loan Obligation: \$2,335,171.00

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	\$24,259.83	\$24,259.83	\$1,751.38	15,528.89	\$41,540.10
15-Jul-11	95,915.00	23,351.71	119,266.71	1,751.38		121,018.09
15-Jan-12	0.00	22,392.56	22,392.56	1,679.44		24,072.00
15-Jul-12	97,852.00	22,392.56	120,244.56	1,679.44		121,924.00
15-Jan-13	0.00	21,414.04	21,414.04	1,606.05		23,020.09
15-Jul-13	99,829.00	21,414.04	121,243.04	1,606.05		122,849.09
15-Jan-14	0.00	20,415.75	20,415.75	1,531.18		21,946.93
15-Jul-14	101,846.00	20,415.75	122,261.75	1,531.18		123,792.93
15-Jan-15	0.00	19,397.29	19,397.29	1,454.80		20,852.09
15-Jul-15	103,903.00	19,397.29	123,300.29	1,454.80		124,755.09
15-Jan-16	0.00	18,358.26	18,358.26	1,376.87		19,735.13
15-Jul-16	106,003.00	18,358.26	124,361.26	1,376.87		125,738.13
15-Jan-17	0.00	17,298.23	17,298.23	1,297.37		18,595.60
15-Jul-17	108,144.00	17,298.23	125,442.23	1,297.37		126,739.60
15-Jan-18	0.00	16,216.79	16,216.79	1,216.26		17,433.05
15-Jul-18	110,329.00	16,216.79	126,545.79	1,216.26		127,762.05
15-Jan-19	0.00	15,113.50	15,113.50	1,133.51		16,247.01
15-Jul-19	112,558.00	15,113.50	127,671.50	1,133.51		128,805.01
15-Jan-20	0.00	13,987.92	13,987.92	1,049.09		15,037.01
15-Jul-20	114,832.00	13,987.92	128,819.92	1,049.09		129,869.01
15-Jan-21	0.00	12,839.60	12,839.60	962.97		13,802.57
15-Jul-21	117,151.00	12,839.60	129,990.60	962.97		130,953.57
15-Jan-22	0.00	11,668.09	11,668.09	875.11		12,543.20
15-Jul-22	119,518.00	11,668.09	131,186.09	875.11		132,061.20
15-Jan-23	0.00	10,472.91	10,472.91	785.47		11,258.38
15-Jul-23	121,933.00	10,472.91	132,405.91	785.47		133,191.38
15-Jan-24	0.00	9,253.58	9,253.58	694.02		9,947.60
15-Jul-24	124,396.00	9,253.58	133,649.58	694.02		134,343.60
15-Jan-25	0.00	8,009.62	8,009.62	600.72		8,610.34
15-Jul-25	126,909.00	8,009.62	134,918.62	600.72		135,519.34
15-Jan-26	0.00	6,740.53	6,740.53	505.54		7,246.07
15-Jul-26	129,473.00	6,740.53	136,213.53	505.54		136,719.07
15-Jan-27	0.00	5,445.80	5,445.80	408.44		5,854.24
15-Jul-27	132,088.00	5,445.80	137,533.80	408.44		137,942.24
15-Jan-28	0.00	4,124.92	4,124.92	309.37		4,434.29
15-Jul-28	134,757.00	4,124.92	138,881.92	309.37		139,191.29
15-Jan-29	0.00	2,777.35	2,777.35	208.30		2,985.65
15-Jul-29	137,479.00	2,777.35	140,256.35	208.30		140,464.65
15-Jan-30	0.00	1,402.56	1,402.56	105.19		1,507.75
15-Jul-30	140,256.00	1,402.56	141,658.56	105.19		141,763.75
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
	\$2,335,171.00	\$522,270.14	\$2,857,441.14	\$39,102.16	\$15,528.89	\$2,912,072.19

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

SCHEDULE C

Worcester
CWS-08-10
Final Structuring Analysis

Loan Interest Rate	2.00%
ARRA Principal Forgiveness*	429,540
Total Loan Amount	3,664,829

Schedule of Loan Repayments

Initial Loan Obligation:	\$3,235,289.00
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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	\$33,611.06	\$33,611.06	\$2,426.47	21,514.67	\$57,552.20
15-Jul-11	132,886.00	32,352.89	165,238.89	2,426.47		167,665.36
15-Jan-12	0.00	31,024.03	31,024.03	2,326.80		33,350.83
15-Jul-12	135,571.00	31,024.03	166,595.03	2,326.80		168,921.83
15-Jan-13	0.00	29,668.32	29,668.32	2,225.12		31,893.44
15-Jul-13	138,310.00	29,668.32	167,978.32	2,225.12		170,203.44
15-Jan-14	0.00	28,285.22	28,285.22	2,121.39		30,406.61
15-Jul-14	141,104.00	28,285.22	169,389.22	2,121.39		171,510.61
15-Jan-15	0.00	26,874.18	26,874.18	2,015.56		28,889.74
15-Jul-15	143,954.00	26,874.18	170,828.18	2,015.56		172,843.74
15-Jan-16	0.00	25,434.64	25,434.64	1,907.60		27,342.24
15-Jul-16	146,863.00	25,434.64	172,297.64	1,907.60		174,205.24
15-Jan-17	0.00	23,966.01	23,966.01	1,797.45		25,763.46
15-Jul-17	149,829.00	23,966.01	173,795.01	1,797.45		175,592.46
15-Jan-18	0.00	22,467.72	22,467.72	1,685.08		24,152.80
15-Jul-18	152,856.00	22,467.72	175,323.72	1,685.08		177,008.80
15-Jan-19	0.00	20,939.16	20,939.16	1,570.44		22,509.60
15-Jul-19	155,944.00	20,939.16	176,883.16	1,570.44		178,453.60
15-Jan-20	0.00	19,379.72	19,379.72	1,453.48		20,833.20
15-Jul-20	159,095.00	19,379.72	178,474.72	1,453.48		179,928.20
15-Jan-21	0.00	17,788.77	17,788.77	1,334.16		19,122.93
15-Jul-21	162,309.00	17,788.77	180,097.77	1,334.16		181,431.93
15-Jan-22	0.00	16,165.68	16,165.68	1,212.43		17,378.11
15-Jul-22	165,588.00	16,165.68	181,753.68	1,212.43		182,966.11
15-Jan-23	0.00	14,509.80	14,509.80	1,088.24		15,598.04
15-Jul-23	168,933.00	14,509.80	183,442.80	1,088.24		184,531.04
15-Jan-24	0.00	12,820.47	12,820.47	961.54		13,782.01
15-Jul-24	172,346.00	12,820.47	185,166.47	961.54		186,128.01
15-Jan-25	0.00	11,097.01	11,097.01	832.28		11,929.29
15-Jul-25	175,827.00	11,097.01	186,924.01	832.28		187,756.29
15-Jan-26	0.00	9,338.74	9,338.74	700.41		10,039.15
15-Jul-26	179,379.00	9,338.74	188,717.74	700.41		189,418.15
15-Jan-27	0.00	7,544.95	7,544.95	565.87		8,110.82
15-Jul-27	183,003.00	7,544.95	190,547.95	565.87		191,113.82
15-Jan-28	0.00	5,714.92	5,714.92	428.62		6,143.54
15-Jul-28	186,700.00	5,714.92	192,414.92	428.62		192,843.54
15-Jan-29	0.00	3,847.92	3,847.92	288.59		4,136.51
15-Jul-29	190,472.00	3,847.92	194,319.92	288.59		194,608.51
15-Jan-30	0.00	1,943.20	1,943.20	145.74		2,088.94
15-Jul-30	194,320.00	1,943.20	196,263.20	145.74		196,408.94
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
	\$3,235,289.00	\$723,584.87	\$3,958,873.87	\$54,174.54	\$21,514.67	\$4,034,563.08

* 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.

Net Borrower Savings due to 2006 Refunding: 25,407.17

G.E. 2.00%

Schedule of Loan Repayments

Initial Loan Obligation: 948,757.51

Loan Subsidy Amounts

Date	Scheduled Loan Repayments			DSRF Contract			Net Loan Repayment		
	Principal	Interest	Total	Earnings	Assistance	Total	Principal	Interest	Total
01-Feb-07	0.00	22,894.10	22,894.10	6,621.98	1,312.41	7,934.39	0.00	14,959.71	14,959.71
01-Aug-07	42,624.25	22,088.40	64,712.65	6,621.98	4,761.42	11,383.40	42,624.25	10,705.00	53,329.25
01-Feb-08	0.00	21,662.16	21,662.16	6,324.48	1,187.91	7,512.39	0.00	14,149.77	14,149.77
01-Aug-08	42,949.27	21,662.16	64,611.43	6,324.48	4,761.42	11,085.90	42,949.27	10,576.26	53,525.53
01-Feb-09	0.00	21,168.24	21,168.24	6,024.71	1,187.91	7,212.62	0.00	13,955.62	13,955.62
01-Aug-09	43,940.85	21,168.24	65,109.09	6,024.71	4,761.42	10,786.13	43,940.85	10,382.11	54,322.96
01-Feb-10	0.00	20,069.72	20,069.72	5,718.02	1,187.91	6,905.93	0.00	13,163.79	13,163.79
01-Aug-10	45,101.37	20,069.72	65,171.09	5,718.02	4,761.42	10,479.44	45,101.37	9,590.28	54,691.65
01-Feb-11	0.00	19,393.20	19,393.20	5,403.23	1,187.91	6,591.13	0.00	12,802.06	12,802.06
01-Aug-11	46,423.48	19,393.20	65,816.68	5,403.23	4,761.42	10,164.64	46,423.48	9,228.55	55,652.03
01-Feb-12	0.00	18,116.55	18,116.55	5,079.21	1,187.91	6,267.12	0.00	11,849.43	11,849.43
01-Aug-12	48,380.02	18,116.55	66,496.57	5,079.21	4,761.42	9,840.63	48,380.02	8,275.92	56,655.94
01-Feb-13	0.00	16,786.10	16,786.10	4,741.53	1,187.91	5,929.44	0.00	10,856.66	10,856.66
01-Aug-13	50,418.27	16,786.10	67,204.37	4,741.53	4,761.42	9,502.95	50,418.27	7,283.15	57,701.42
01-Feb-14	0.00	15,399.60	15,399.60	4,389.63	1,187.91	5,577.54	0.00	9,822.06	9,822.06
01-Aug-14	55,087.88	15,399.60	70,487.48	4,389.63	4,761.42	9,151.05	55,087.88	6,248.55	61,336.43
01-Feb-15	0.00	13,884.68	13,884.68	4,005.14	1,187.91	5,193.05	0.00	8,691.63	8,691.63
01-Aug-15	55,087.88	13,884.68	68,972.56	4,005.14	4,761.42	8,766.56	55,087.88	5,118.12	60,206.00
01-Feb-16	0.00	12,369.76	12,369.76	3,620.65	1,187.91	4,808.55	0.00	7,561.21	7,561.21
01-Aug-16	55,087.88	12,369.76	67,457.64	3,620.65	4,761.42	8,382.06	55,087.88	3,987.70	59,075.58
01-Feb-17	0.00	10,923.71	10,923.71	3,236.15	1,187.91	4,424.06	0.00	6,499.65	6,499.65
01-Aug-17	59,678.54	10,362.47	70,041.01	3,236.15	4,668.19	7,904.34	59,678.54	2,458.14	62,136.68
01-Feb-18	0.00	9,393.05	9,393.05	2,819.62	1,193.87	4,013.49	0.00	5,379.56	5,379.56
01-Aug-18	59,678.54	8,502.69	68,181.23	2,819.62	4,619.48	7,439.09	59,678.54	1,063.59	60,742.13
01-Feb-19	0.00	7,891.67	7,891.67	2,403.08	1,204.70	3,607.78	0.00	4,283.89	4,283.89
01-Aug-19	64,269.20	7,283.58	71,552.78	2,403.08	4,677.19	7,080.28	64,269.20	203.30	64,472.50
01-Feb-20	0.00	6,294.12	6,294.12	1,954.51	1,206.23	3,160.73	0.00	3,133.39	3,133.39
01-Aug-20	64,269.20	5,771.98	70,041.18	1,954.51	4,693.00	6,647.51	63,393.68	0.00	63,393.68
01-Feb-21	0.00	4,713.77	4,713.77	1,505.93	1,210.61	2,716.54	0.00	1,997.23	1,997.23
01-Aug-21	68,859.86	4,214.84	73,074.70	1,505.93	4,701.24	6,207.17	66,867.53	0.00	66,867.53
01-Feb-22	0.00	3,069.44	3,069.44	1,025.32	1,223.42	2,248.74	0.00	820.70	820.70
01-Aug-22	73,450.51	2,065.22	75,515.73	1,025.32	4,857.92	5,883.23	69,632.49	0.00	69,632.49
01-Feb-23	0.00	1,563.08	1,563.08	512.66	1,050.42	1,563.07	0.00	0.00	0.00
01-Aug-23	73,450.51	0.00	73,450.51	512.66	4,713.57	5,226.23	68,224.28	0.00	68,224.28
01-Feb-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	\$948,757.51	\$444,732.11	\$1,393,489.62	\$130,771.68	\$100,825.48	\$231,597.16	\$936,845.41	\$225,047.04	\$1,161,892.46

Massachusetts Water Pollution Abatement Trust
 Water Pollution Abatement Revenue Bonds
 (Pool Loan Program Bonds)
 Series 9

Revised SCHEDULE C

Worcester
 CW-02-25

Final Loan Structuring Analysis
 Revised Schedule of Loan Repayments

Outstanding Loan Obligation: #####

	Loan Subsidy Amounts								
	Scheduled Loan Repayments			Equity Earnings	Contract Assistance Payments	Total	Net Loan Repayments		
	Principal	Interest	Total				Principal	Interest	Total
01-Feb-06	\$0.00	\$25,040.23	\$25,040.23	\$7,228.37	\$1,383.93	\$8,612.30	\$0.00	\$16,427.93	\$16,427.93
01-Aug-06	41,738.25	23,948.76	65,687.01	6,913.30	4,897.12	11,810.42	41,738.25	12,138.34	53,876.59
01-Feb-07	0.00	22,905.30	22,905.30	6,621.99	1,323.61	7,945.60	0.00	14,959.70	14,959.70
01-Aug-07	42,624.25	22,905.30	65,529.55	6,621.99	4,897.12	11,519.11	42,624.25	11,386.19	54,010.44
01-Feb-08	0.00	22,479.06	22,479.06	6,324.48	1,323.61	7,648.09	0.00	14,830.97	14,830.97
01-Aug-08	42,949.27	22,479.06	65,428.33	6,324.48	4,897.12	11,221.60	42,949.27	11,257.46	54,206.73
01-Feb-09	0.00	21,985.14	21,985.14	6,024.71	1,323.61	7,348.32	0.00	14,636.82	14,636.82
01-Aug-09	43,940.85	21,985.14	65,925.99	6,024.71	4,897.12	10,921.83	43,940.85	11,063.31	55,004.16
01-Feb-10	0.00	20,886.62	20,886.62	5,718.02	1,323.61	7,041.63	0.00	13,844.99	13,844.99
01-Aug-10	45,101.37	20,886.62	65,987.99	5,718.02	4,897.12	10,615.14	45,101.37	10,271.48	55,372.85
01-Feb-11	0.00	20,210.10	20,210.10	5,403.23	1,323.61	6,726.84	0.00	13,483.26	13,483.26
01-Aug-11	46,423.48	20,210.10	66,633.58	5,403.23	4,897.12	10,300.35	46,423.48	9,909.75	56,333.23
01-Feb-12	0.00	18,933.45	18,933.45	5,079.20	1,323.61	6,402.81	0.00	12,530.64	12,530.64
01-Aug-12	48,380.02	18,933.45	67,313.47	5,079.20	4,897.12	9,976.32	48,380.02	8,957.13	57,337.15
01-Feb-13	0.00	17,603.00	17,603.00	4,741.53	1,323.61	6,065.14	0.00	11,537.86	11,537.86
01-Aug-13	50,418.27	17,603.00	68,021.27	4,741.53	4,897.12	9,638.65	50,418.27	7,964.35	58,382.62
01-Feb-14	0.00	16,216.50	16,216.50	4,389.63	1,323.61	5,713.24	0.00	10,503.26	10,503.26
01-Aug-14	55,087.88	16,216.50	71,304.38	4,389.63	4,897.12	9,286.75	55,087.88	6,929.75	62,017.63
01-Feb-15	0.00	14,701.58	14,701.58	4,005.14	1,323.61	5,328.75	0.00	9,372.83	9,372.83
01-Aug-15	55,087.88	14,701.58	69,789.46	4,005.14	4,897.12	8,902.26	55,087.88	5,799.32	60,887.20
01-Feb-16	0.00	13,186.66	13,186.66	3,620.64	1,323.61	4,944.25	0.00	8,242.41	8,242.41
01-Aug-16	55,087.88	13,186.66	68,274.54	3,620.64	4,897.12	8,517.76	55,087.88	4,668.90	59,756.78
01-Feb-17	0.00	11,740.61	11,740.61	3,236.16	1,323.61	4,559.77	0.00	7,180.84	7,180.84
01-Aug-17	59,678.54	11,740.61	71,419.15	3,236.16	4,897.12	8,133.28	59,678.54	3,607.33	63,285.87
01-Feb-18	0.00	10,174.04	10,174.04	2,819.62	1,323.61	4,143.23	0.00	6,030.81	6,030.81
01-Aug-18	59,678.54	10,174.04	69,852.58	2,819.62	4,897.12	7,716.74	59,678.54	2,457.30	62,135.84
01-Feb-19	0.00	8,607.48	8,607.48	2,403.08	1,323.61	3,726.69	0.00	4,880.79	4,880.79
01-Aug-19	64,269.20	8,607.48	72,876.68	2,403.08	4,897.12	7,300.20	64,269.20	1,307.28	65,576.48
01-Feb-20	0.00	7,000.75	7,000.75	1,954.51	1,323.61	3,278.12	0.00	3,722.63	3,722.63
01-Aug-20	64,269.20	7,000.75	71,269.95	1,954.51	4,897.12	6,851.63	64,269.20	149.12	64,418.32
01-Feb-21	0.00	5,394.02	5,394.02	1,505.93	1,323.61	2,829.54	0.00	2,564.48	2,564.48
01-Aug-21	68,859.86	5,394.02	74,253.88	1,505.93	4,897.12	6,403.05	67,850.83	0.00	67,850.83
01-Feb-22	0.00	3,672.53	3,672.53	1,025.31	1,323.61	2,348.92	0.00	1,323.61	1,323.61
01-Aug-22	73,450.51	3,672.53	77,123.04	1,025.31	4,897.12	5,922.43	71,200.61	0.00	71,200.61
01-Feb-23	0.00	1,836.26	1,836.26	512.66	1,323.61	1,836.27	0.00	-0.01	-0.01
01-Aug-23	73,450.51	1,836.26	75,286.77	512.66	4,897.12	5,409.78	69,876.99	0.00	69,876.99
01-Feb-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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
	\$990,495.76	#####	\$1,514,550.95	\$144,913.35	\$112,033.55	\$256,946.90	\$983,663.30	\$273,940.76	\$1,257,604.05

* 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)
Series 9

Worcester
CW-02-25

Schedule of Administrative Fee [After October 26, 2004]

<u>Date</u>	<u>Principal Outstanding</u>	<u>Administrative Fee Payable @ 0.075%</u>
01-Feb-06	990,495.76	776.73
01-Aug-06	990,495.76	742.87
01-Feb-07	948,757.51	711.57
01-Aug-07	948,757.51	711.57
01-Feb-08	906,133.26	679.60
01-Aug-08	906,133.26	679.60
01-Feb-09	863,183.99	647.39
01-Aug-09	863,183.99	647.39
01-Feb-10	819,243.14	614.43
01-Aug-10	819,243.14	614.43
01-Feb-11	774,141.77	580.61
01-Aug-11	774,141.77	580.61
01-Feb-12	727,718.29	545.79
01-Aug-12	727,718.29	545.79
01-Feb-13	679,338.27	509.50
01-Aug-13	679,338.27	509.50
01-Feb-14	628,920.00	471.69
01-Aug-14	628,920.00	471.69
01-Feb-15	573,832.12	430.37
01-Aug-15	573,832.12	430.37
01-Feb-16	518,744.24	389.06
01-Aug-16	518,744.24	389.06
01-Feb-17	463,656.36	347.74
01-Aug-17	463,656.36	347.74
01-Feb-18	403,977.82	302.98
01-Aug-18	403,977.82	302.98
01-Feb-19	344,299.28	258.22
01-Aug-19	344,299.28	258.22
01-Feb-20	280,030.08	210.02
01-Aug-20	280,030.08	210.02
01-Feb-21	215,760.88	161.82
01-Aug-21	215,760.88	161.82
01-Feb-22	146,901.02	110.18
01-Aug-22	146,901.02	110.18
01-Feb-23	73,450.51	55.09
01-Aug-23	73,450.51	55.09
01-Feb-24	0.00	0.00
01-Aug-24	0.00	0.00
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
		<u>\$15,571.72</u>

Massachusetts Clean Water Trust
Series 20
Worcester Loan Amortization
CWP-15-02

Loan Amount Approved	2,670,821.00	Loan Origination Fee (\$5.50/1000)	14,217.93
Principal Forgiveness	85,743.00	Loan Term (in years)	20
Amount to be Financed	2,585,078.00	Loan Rate	2.00%
		Closing Date	4/13/2017
		First Interest Payment	7/15/2017
		First Principal Payment	1/15/2018

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
4/13/2017							
7/15/2017		13,212.62	13,212.62	990.95	14,217.93	28,421.50	
1/15/2018	104,568.00	25,850.78	130,418.78	1,938.81		132,357.59	160,779.08
7/15/2018		24,805.10	24,805.10	1,860.38		26,665.48	
1/15/2019	106,842.00	24,805.10	131,647.10	1,860.38		133,507.48	160,172.97
7/15/2019		23,736.68	23,736.68	1,780.25		25,516.93	
1/15/2020	109,164.00	23,736.68	132,900.68	1,780.25		134,680.93	160,197.86
7/15/2020		22,645.04	22,645.04	1,698.38		24,343.42	
1/15/2021	111,536.00	22,645.04	134,181.04	1,698.38		135,879.42	160,222.84
7/15/2021		21,529.68	21,529.68	1,614.73		23,144.41	
1/15/2022	113,961.00	21,529.68	135,490.68	1,614.73		137,105.41	160,249.81
7/15/2022		20,390.07	20,390.07	1,529.26		21,919.33	
1/15/2023	116,437.00	20,390.07	136,827.07	1,529.26		138,356.33	160,275.65
7/15/2023		19,225.70	19,225.70	1,441.93		20,667.63	
1/15/2024	118,968.00	19,225.70	138,193.70	1,441.93		139,635.63	160,303.26
7/15/2024		18,036.02	18,036.02	1,352.70		19,388.72	
1/15/2025	121,553.00	18,036.02	139,589.02	1,352.70		140,941.72	160,330.44
7/15/2025		16,820.49	16,820.49	1,261.54		18,082.03	
1/15/2026	124,195.00	16,820.49	141,015.49	1,261.54		142,277.03	160,359.05
7/15/2026		15,578.54	15,578.54	1,168.39		16,746.93	
1/15/2027	126,894.00	15,578.54	142,472.54	1,168.39		143,640.93	160,387.86
7/15/2027		14,309.60	14,309.60	1,073.22		15,382.82	
1/15/2028	129,652.00	14,309.60	143,961.60	1,073.22		145,034.82	160,417.64
7/15/2028		13,013.08	13,013.08	975.98		13,989.06	
1/15/2029	132,470.00	13,013.08	145,483.08	975.98		146,459.06	160,448.12
7/15/2029		11,688.38	11,688.38	876.63		12,565.01	
1/15/2030	135,349.00	11,688.38	147,037.38	876.63		147,914.01	160,479.02
7/15/2030		10,334.89	10,334.89	775.12		11,110.01	
1/15/2031	138,291.00	10,334.89	148,625.89	775.12		149,401.01	160,511.01
7/15/2031		8,951.98	8,951.98	671.40		9,623.38	
1/15/2032	141,296.00	8,951.98	150,247.98	671.40		150,919.38	160,542.76
7/15/2032		7,539.02	7,539.02	565.43		8,104.45	
1/15/2033	144,367.00	7,539.02	151,906.02	565.43		152,471.45	160,575.89
7/15/2033		6,095.35	6,095.35	457.15		6,552.50	
1/15/2034	147,505.00	6,095.35	153,600.35	457.15		154,057.50	160,610.00
7/15/2034		4,620.30	4,620.30	346.52		4,966.82	
1/15/2035	150,711.00	4,620.30	155,331.30	346.52		155,677.82	160,644.65
7/15/2035		3,113.19	3,113.19	233.49		3,346.68	
1/15/2036	153,986.00	3,113.19	157,099.19	233.49		157,332.68	160,679.36
7/15/2036		1,573.33	1,573.33	118.00		1,691.33	
1/15/2037	157,333.00	1,573.33	158,906.33	118.00		159,024.33	160,715.66
7/15/2037							
	2,585,078.00	567,076.28	3,152,154.28	42,530.72	14,217.93	3,208,902.93	3,208,902.93

Notes:

**This project may qualify for principal forgiveness in accordance with schedule B to the Loan Agreement. Principal forgiveness shown on this schedule is an estimate, and is not a guarantee.