

Massachusetts Water Pollution Abatement Trust  
 Water Pollution Abatement and Drinking Water Revenue Bonds  
 State Revolving Fund Bonds  
 Series 14

SCHEDULE C

Andover  
 DW-05-06-A  
 Final Structuring Analysis

Loan Interest Rate 2.00%

Schedule of Loan Repayments

Initial Loan Obligation: \$634,717.00

Date	Schedule of Loan Repayments			Admin. Fee 0.07500%	Loan Origination Fee	Total Due
	Principal	Interest	Total			
18-Mar-09						
15-Jul-09	\$28,180.00	\$4,125.66	\$32,305.66	\$476.04	3,954.29	\$36,735.99
15-Jan-10	0.00	6,065.37	6,065.37	454.90		6,520.27
15-Jul-10	26,505.00	6,065.37	32,570.37	454.90		33,025.27
15-Jan-11	0.00	5,800.32	5,800.32	435.02		6,235.34
15-Jul-11	27,040.00	5,800.32	32,840.32	435.02		33,275.34
15-Jan-12	0.00	5,529.92	5,529.92	414.74		5,944.66
15-Jul-12	27,587.00	5,529.92	33,116.92	414.74		33,531.66
15-Jan-13	0.00	5,254.05	5,254.05	394.05		5,648.10
15-Jul-13	28,144.00	5,254.05	33,398.05	394.05		33,792.10
15-Jan-14	0.00	4,972.61	4,972.61	372.95		5,345.56
15-Jul-14	28,712.00	4,972.61	33,684.61	372.95		34,057.56
15-Jan-15	0.00	4,685.49	4,685.49	351.41		5,036.90
15-Jul-15	29,293.00	4,685.49	33,978.49	351.41		34,329.90
15-Jan-16	0.00	4,392.56	4,392.56	329.44		4,722.00
15-Jul-16	29,884.00	4,392.56	34,276.56	329.44		34,606.00
15-Jan-17	0.00	4,093.72	4,093.72	307.03		4,400.75
15-Jul-17	30,488.00	4,093.72	34,581.72	307.03		34,888.75
15-Jan-18	0.00	3,788.84	3,788.84	284.16		4,073.00
15-Jul-18	31,104.00	3,788.84	34,892.84	284.16		35,177.00
15-Jan-19	0.00	3,477.80	3,477.80	260.84		3,738.64
15-Jul-19	31,732.00	3,477.80	35,209.80	260.84		35,470.64
15-Jan-20	0.00	3,160.48	3,160.48	237.04		3,397.52
15-Jul-20	32,373.00	3,160.48	35,533.48	237.04		35,770.52
15-Jan-21	0.00	2,836.75	2,836.75	212.76		3,049.51
15-Jul-21	33,027.00	2,836.75	35,863.75	212.76		36,076.51
15-Jan-22	0.00	2,506.48	2,506.48	187.99		2,694.47
15-Jul-22	33,695.00	2,506.48	36,201.48	187.99		36,389.47
15-Jan-23	0.00	2,169.53	2,169.53	162.71		2,332.24
15-Jul-23	34,375.00	2,169.53	36,544.53	162.71		36,707.24
15-Jan-24	0.00	1,825.78	1,825.78	136.93		1,962.71
15-Jul-24	35,070.00	1,825.78	36,895.78	136.93		37,032.71
15-Jan-25	0.00	1,475.08	1,475.08	110.63		1,585.71
15-Jul-25	35,778.00	1,475.08	37,253.08	110.63		37,363.71
15-Jan-26	0.00	1,117.30	1,117.30	83.80		1,201.10
15-Jul-26	36,501.00	1,117.30	37,618.30	83.80		37,702.10
15-Jan-27	0.00	752.29	752.29	56.42		808.71
15-Jul-27	37,238.00	752.29	37,990.29	56.42		38,046.71
15-Jan-28	0.00	379.91	379.91	28.49		408.40
15-Jul-28	37,991.00	379.91	38,370.91	28.49		38,399.40
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
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
	\$634,717.00	\$132,694.22	\$767,411.22	\$10,118.66	\$3,954.29	\$781,484.17

Massachusetts Water Pollution Abatement Trust  
 Water Pollution Abatement and Drinking Water Revenue Bonds  
 State Revolving Fund Bonds  
 Series 14

SCHEDULE C

Clinton  
 DW-00-15-C

Loan Interest Rate 0.00%

Final Structuring Analysis

Schedule of Loan Repayments

Initial Loan Obligation: \$586,936.00

Date	Schedule of Loan Repayments			Admin. Fee 0.07500%	Loan Origination Fee	Total Due
	Principal	Interest	Total			
18-Mar-09						
15-Jul-09	\$29,347.00	\$0.00	\$29,347.00	\$440.20	3,656.61	\$33,443.81
15-Jan-10	0.00	0.00	0.00	418.19		418.19
15-Jul-10	29,347.00	0.00	29,347.00	418.19		29,765.19
15-Jan-11	0.00	0.00	0.00	396.18		396.18
15-Jul-11	29,347.00	0.00	29,347.00	396.18		29,743.18
15-Jan-12	0.00	0.00	0.00	374.17		374.17
15-Jul-12	29,347.00	0.00	29,347.00	374.17		29,721.17
15-Jan-13	0.00	0.00	0.00	352.16		352.16
15-Jul-13	29,347.00	0.00	29,347.00	352.16		29,699.16
15-Jan-14	0.00	0.00	0.00	330.15		330.15
15-Jul-14	29,347.00	0.00	29,347.00	330.15		29,677.15
15-Jan-15	0.00	0.00	0.00	308.14		308.14
15-Jul-15	29,347.00	0.00	29,347.00	308.14		29,655.14
15-Jan-16	0.00	0.00	0.00	286.13		286.13
15-Jul-16	29,347.00	0.00	29,347.00	286.13		29,633.13
15-Jan-17	0.00	0.00	0.00	264.12		264.12
15-Jul-17	29,347.00	0.00	29,347.00	264.12		29,611.12
15-Jan-18	0.00	0.00	0.00	242.11		242.11
15-Jul-18	29,347.00	0.00	29,347.00	242.11		29,589.11
15-Jan-19	0.00	0.00	0.00	220.10		220.10
15-Jul-19	29,347.00	0.00	29,347.00	220.10		29,567.10
15-Jan-20	0.00	0.00	0.00	198.09		198.09
15-Jul-20	29,347.00	0.00	29,347.00	198.09		29,545.09
15-Jan-21	0.00	0.00	0.00	176.08		176.08
15-Jul-21	29,347.00	0.00	29,347.00	176.08		29,523.08
15-Jan-22	0.00	0.00	0.00	154.07		154.07
15-Jul-22	29,347.00	0.00	29,347.00	154.07		29,501.07
15-Jan-23	0.00	0.00	0.00	132.06		132.06
15-Jul-23	29,347.00	0.00	29,347.00	132.06		29,479.06
15-Jan-24	0.00	0.00	0.00	110.05		110.05
15-Jul-24	29,347.00	0.00	29,347.00	110.05		29,457.05
15-Jan-25	0.00	0.00	0.00	88.04		88.04
15-Jul-25	29,346.00	0.00	29,346.00	88.04		29,434.04
15-Jan-26	0.00	0.00	0.00	66.03		66.03
15-Jul-26	29,346.00	0.00	29,346.00	66.03		29,412.03
15-Jan-27	0.00	0.00	0.00	44.02		44.02
15-Jul-27	29,346.00	0.00	29,346.00	44.02		29,390.02
15-Jan-28	0.00	0.00	0.00	22.01		22.01
15-Jul-28	29,346.00	0.00	29,346.00	22.01		29,368.01
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
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
	\$586,936.00	\$0.00	\$586,936.00	\$8,804.00	\$3,656.61	\$599,396.61

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

SCHEDULE C

Pool Program Bonds, Pool 12

Andover  
 OW-05-06

Loan Interest Rate 2.00%

Final Structuring Analysis

Schedule of Loan Repayments

Initial Loan Obligation: \$4,666,635.00

Date	Schedule of Loan Repayments			Admin. Fee 0.0750%	Loan Origination Fee	Total Due
	Principal	Interest	Total			
14-Dec-06						
15-Jul-07	\$184,047.00	\$54,703.33	\$238,750.33	\$3,499.98	26,167.62	\$268,417.93
15-Jan-08	0.00	44,825.88	44,825.88	3,361.94		48,187.82
15-Jul-08	195,883.00	44,825.88	240,708.88	3,361.94		244,070.82
15-Jan-09	0.00	42,867.05	42,867.05	3,215.03		46,082.08
15-Jul-09	199,840.00	42,867.05	242,707.05	3,215.03		245,922.08
15-Jan-10	0.00	40,868.65	40,868.65	3,065.15		43,933.80
15-Jul-10	203,878.00	40,868.65	244,746.65	3,065.15		247,811.80
15-Jan-11	0.00	38,829.87	38,829.87	2,912.24		41,742.11
15-Jul-11	207,996.00	38,829.87	246,825.87	2,912.24		249,738.11
15-Jan-12	0.00	36,749.91	36,749.91	2,756.24		39,506.15
15-Jul-12	212,198.00	36,749.91	248,947.91	2,756.24		251,704.15
15-Jan-13	0.00	34,627.93	34,627.93	2,597.09		37,225.02
15-Jul-13	216,485.00	34,627.93	251,112.93	2,597.09		253,710.02
15-Jan-14	0.00	32,463.08	32,463.08	2,434.73		34,897.81
15-Jul-14	220,858.00	32,463.08	253,321.08	2,434.73		255,755.81
15-Jan-15	0.00	30,254.50	30,254.50	2,269.09		32,523.59
15-Jul-15	225,320.00	30,254.50	255,574.50	2,269.09		257,843.59
15-Jan-16	0.00	28,001.30	28,001.30	2,100.10		30,101.40
15-Jul-16	229,872.00	28,001.30	257,873.30	2,100.10		259,973.40
15-Jan-17	0.00	25,702.58	25,702.58	1,927.69		27,630.27
15-Jul-17	234,516.00	25,702.58	260,218.58	1,927.69		262,146.27
15-Jan-18	0.00	23,357.42	23,357.42	1,751.81		25,109.23
15-Jul-18	239,254.00	23,357.42	262,611.42	1,751.81		264,363.23
15-Jan-19	0.00	20,964.88	20,964.88	1,572.37		22,537.25
15-Jul-19	244,087.00	20,964.88	265,051.88	1,572.37		266,624.25
15-Jan-20	0.00	18,524.01	18,524.01	1,389.30		19,913.31
15-Jul-20	249,018.00	18,524.01	267,542.01	1,389.30		268,931.31
15-Jan-21	0.00	16,033.83	16,033.83	1,202.54		17,236.37
15-Jul-21	254,049.00	16,033.83	270,082.83	1,202.54		271,285.37
15-Jan-22	0.00	13,493.34	13,493.34	1,012.00		14,505.34
15-Jul-22	259,181.00	13,493.34	272,674.34	1,012.00		273,686.34
15-Jan-23	0.00	10,901.53	10,901.53	817.61		11,719.14
15-Jul-23	264,417.00	10,901.53	275,318.53	817.61		276,136.14
15-Jan-24	0.00	8,257.36	8,257.36	619.30		8,876.66
15-Jul-24	269,759.00	8,257.36	278,016.36	619.30		278,635.66
15-Jan-25	0.00	5,559.77	5,559.77	416.98		5,976.75
15-Jul-25	275,209.00	5,559.77	280,768.77	416.98		281,185.75
15-Jan-26	0.00	2,807.68	2,807.68	210.58		3,018.26
15-Jul-26	280,768.00	2,807.68	283,575.68	210.58		283,786.26
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
	\$4,666,635.00	\$1,004,884.47	\$5,671,519.47	\$74,763.56	\$26,167.62	\$5,772,450.65

Massachusetts Clean Water Trust  
Series 19  
Andover Loan Amortization  
CW-11-24

Initial Loan Amount	675,000.00	Loan Origination Fee (\$5.50/1000)	3,712.50
Principal Forgiveness		Loan Term (in years)	20
Net Loan Obligation	675,000.00	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		5,775.00	5,775.00	433.13	3,712.50	9,920.63	
1/15/2017	27,304.00	6,750.00	34,054.00	506.25		34,560.25	44,480.88
7/15/2017		6,476.96	6,476.96	485.77		6,962.73	
1/15/2018	27,898.00	6,476.96	34,374.96	485.77		34,860.73	41,823.46
7/15/2018		6,197.98	6,197.98	464.85		6,662.83	
1/15/2019	28,504.00	6,197.98	34,701.98	464.85		35,166.83	41,829.66
7/15/2019		5,912.94	5,912.94	443.47		6,356.41	
1/15/2020	29,124.00	5,912.94	35,036.94	443.47		35,480.41	41,836.82
7/15/2020		5,621.70	5,621.70	421.63		6,043.33	
1/15/2021	29,757.00	5,621.70	35,378.70	421.63		35,800.33	41,843.66
7/15/2021		5,324.13	5,324.13	399.31		5,723.44	
1/15/2022	30,403.00	5,324.13	35,727.13	399.31		36,126.44	41,849.88
7/15/2022		5,020.10	5,020.10	376.51		5,396.61	
1/15/2023	31,064.00	5,020.10	36,084.10	376.51		36,460.61	41,857.22
7/15/2023		4,709.46	4,709.46	353.21		5,062.67	
1/15/2024	31,739.00	4,709.46	36,448.46	353.21		36,801.67	41,864.34
7/15/2024		4,392.07	4,392.07	329.41		4,721.48	
1/15/2025	32,429.00	4,392.07	36,821.07	329.41		37,150.48	41,871.95
7/15/2025		4,067.78	4,067.78	305.08		4,372.86	
1/15/2026	33,134.00	4,067.78	37,201.78	305.08		37,506.86	41,879.73
7/15/2026		3,736.44	3,736.44	280.23		4,016.67	
1/15/2027	33,854.00	3,736.44	37,590.44	280.23		37,870.67	41,887.35
7/15/2027		3,397.90	3,397.90	254.84		3,652.74	
1/15/2028	34,590.00	3,397.90	37,987.90	254.84		38,242.74	41,895.49
7/15/2028		3,052.00	3,052.00	228.90		3,280.90	
1/15/2029	35,341.00	3,052.00	38,393.00	228.90		38,621.90	41,902.80
7/15/2029		2,698.59	2,698.59	202.39		2,900.98	
1/15/2030	36,110.00	2,698.59	38,808.59	202.39		39,010.98	41,911.97
7/15/2030		2,337.49	2,337.49	175.31		2,512.80	
1/15/2031	36,894.00	2,337.49	39,231.49	175.31		39,406.80	41,919.60
7/15/2031		1,968.55	1,968.55	147.64		2,116.19	
1/15/2032	37,696.00	1,968.55	39,664.55	147.64		39,812.19	41,928.38
7/15/2032		1,591.59	1,591.59	119.37		1,710.96	
1/15/2033	38,516.00	1,591.59	40,107.59	119.37		40,226.96	41,937.92
7/15/2033		1,206.43	1,206.43	90.48		1,296.91	
1/15/2034	39,353.00	1,206.43	40,559.43	90.48		40,649.91	41,946.82
7/15/2034		812.90	812.90	60.97		873.87	
1/15/2035	40,208.00	812.90	41,020.90	60.97		41,081.87	41,955.74
7/15/2035		410.82	410.82	30.81		441.63	
1/15/2036	41,082.00	410.82	41,492.82	30.81		41,523.63	41,965.26
	675,000.00	150,396.66	825,396.66	11,279.75	3,712.50	840,388.91	840,388.91