

Massachusetts Water Pollution Abatement Trust
 Series 16
 Shutesbury 4th Loan Amortization
 98-1020-C

Initial Loan Amount	76,797.00	Loan Origination Fee (\$5.57/1000)	0.00
Principal Forgiveness	-	Loan Term (in years)	20
Net Loan Obligation	76,797.00	Loan Rate	0.00%
		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							
7/15/2013	3,785.00		3,785.00			3,785.00	
1/15/2014							3,785.00
7/15/2014	3,791.00		3,791.00			3,791.00	
1/15/2015							3,791.00
7/15/2015	3,797.00		3,797.00			3,797.00	
1/15/2016							3,797.00
7/15/2016	3,802.00		3,802.00			3,802.00	
1/15/2017							3,802.00
7/15/2017	3,808.00		3,808.00			3,808.00	
1/15/2018							3,808.00
7/15/2018	3,814.00		3,814.00			3,814.00	
1/15/2019							3,814.00
7/15/2019	3,820.00		3,820.00			3,820.00	
1/15/2020							3,820.00
7/15/2020	3,825.00		3,825.00			3,825.00	
1/15/2021							3,825.00
7/15/2021	3,831.00		3,831.00			3,831.00	
1/15/2022							3,831.00
7/15/2022	3,837.00		3,837.00			3,837.00	
1/15/2023							3,837.00
7/15/2023	3,843.00		3,843.00			3,843.00	
1/15/2024							3,843.00
7/15/2024	3,848.00		3,848.00			3,848.00	
1/15/2025							3,848.00
7/15/2025	3,854.00		3,854.00			3,854.00	
1/15/2026							3,854.00
7/15/2026	3,860.00		3,860.00			3,860.00	
1/15/2027							3,860.00
7/15/2027	3,866.00		3,866.00			3,866.00	
1/15/2028							3,866.00
7/15/2028	3,872.00		3,872.00			3,872.00	
1/15/2029							3,872.00
7/15/2029	3,877.00		3,877.00			3,877.00	
1/15/2030							3,877.00
7/15/2030	3,883.00		3,883.00			3,883.00	
1/15/2031							3,883.00
7/15/2031	3,889.00		3,889.00			3,889.00	
1/15/2032							3,889.00
7/15/2032	3,895.00		3,895.00			3,895.00	
1/15/2033							3,895.00
	76,797.00		76,797.00			76,797.00	76,797.00

Notes:

* 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
 **This project may qualify for principal forgiveness in accordance with schedule B to the Loan Agreement. Principal forgiveness shown on this schedule is an

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

SCHEDULE C

Shutesbury 2nd
 78-1020-1
 Annual Structuring Analysis

Schedule of Loan Repayments

Date	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayments		
	Principal	Interest	Total	Equity Earnings	Contract Assistance Payments	Total	Principal	Interest	Total
1-Aug-04	3,583.00		3,583.00			-	3,583.00	-	3,583.00
1-Feb-05		1,419.00	1,419.00	661.00	758.00	1,419.00	-	-	-
1-Aug-05	3,404.00	1,419.00	4,823.00	661.00	758.00	1,419.00	3,404.00	-	3,404.00
1-Feb-06		1,367.00	1,367.00	623.00	744.00	1,367.00	-	-	-
1-Aug-06	3,404.00	1,367.00	4,771.00	623.00	744.00	1,367.00	3,404.00	-	3,404.00
1-Feb-07		1,316.00	1,316.00	587.00	729.00	1,316.00	-	-	-
1-Aug-07	3,404.00	1,316.00	4,720.00	587.00	729.00	1,316.00	3,404.00	-	3,404.00
1-Feb-08		1,265.00	1,265.00	550.00	715.00	1,265.00	-	-	-
1-Aug-08	3,404.00	1,265.00	4,669.00	550.00	715.00	1,265.00	3,404.00	-	3,404.00
1-Feb-09		1,197.00	1,197.00	513.00	684.00	1,197.00	-	-	-
1-Aug-09	3,404.00	1,197.00	4,601.00	513.00	684.00	1,197.00	3,404.00	-	3,404.00
1-Feb-10		1,112.00	1,112.00	477.00	635.00	1,112.00	-	-	-
1-Aug-10	3,404.00	1,112.00	4,516.00	477.00	635.00	1,112.00	3,404.00	-	3,404.00
1-Feb-11		1,027.00	1,027.00	440.00	587.00	1,027.00	-	-	-
1-Aug-11	3,404.00	1,027.00	4,431.00	440.00	587.00	1,027.00	3,404.00	-	3,404.00
1-Feb-12		942.00	942.00	403.00	539.00	942.00	-	-	-
1-Aug-12	3,303.00	942.00	4,245.00	403.00	539.00	942.00	3,303.00	-	3,303.00
1-Feb-13		859.00	859.00	367.00	492.00	859.00	-	-	-
1-Aug-13	3,388.00	859.00	4,247.00	367.00	492.00	859.00	3,388.00	-	3,388.00
1-Feb-14		770.00	770.00	331.00	439.00	770.00	-	-	-
1-Aug-14	3,388.00	770.00	4,158.00	331.00	439.00	770.00	3,388.00	-	3,388.00
1-Feb-15		682.00	682.00	295.00	387.00	682.00	-	-	-
1-Aug-15	3,388.00	682.00	4,070.00	295.00	387.00	682.00	3,388.00	-	3,388.00
1-Feb-16		597.00	597.00	258.00	339.00	597.00	-	-	-
1-Aug-16	3,388.00	597.00	3,985.00	258.00	339.00	597.00	3,388.00	-	3,388.00
1-Feb-17		512.00	512.00	221.00	291.00	512.00	-	-	-
1-Aug-17	3,388.00	512.00	3,900.00	221.00	291.00	512.00	3,388.00	-	3,388.00
1-Feb-18		427.00	427.00	184.00	243.00	427.00	-	-	-
1-Aug-18	3,388.00	427.00	3,815.00	184.00	243.00	427.00	3,388.00	-	3,388.00
1-Feb-19		343.00	343.00	148.00	195.00	343.00	-	-	-
1-Aug-19	3,388.00	343.00	3,731.00	148.00	195.00	343.00	3,388.00	-	3,388.00
1-Feb-20		258.00	258.00	111.00	147.00	258.00	-	-	-
1-Aug-20	3,388.00	258.00	3,646.00	111.00	147.00	258.00	3,388.00	-	3,388.00
1-Feb-21		173.00	173.00	75.00	98.00	173.00	-	-	-
1-Aug-21	3,467.00	173.00	3,640.00	75.00	98.00	173.00	3,467.00	-	3,467.00
1-Feb-22		87.00	87.00	38.00	49.00	87.00	-	-	-
1-Aug-22	3,467.00	87.00	3,554.00	38.00	49.00	87.00	3,467.00	-	3,467.00
1-Feb-23		-	-	-	-	-	-	-	-
1-Aug-23	-	-	-	-	-	-	-	-	-
1-Feb-24		-	-	-	-	-	-	-	-
1-Aug-24	-	-	-	-	-	-	-	-	-
1-Feb-25		-	-	-	-	-	-	-	-
1-Aug-25	-	-	-	-	-	-	-	-	-
1-Feb-26		-	-	-	-	-	-	-	-
1-Aug-26	-	-	-	-	-	-	-	-	-
1-Feb-27		-	-	-	-	-	-	-	-
1-Aug-27	-	-	-	-	-	-	-	-	-
1-Feb-28		-	-	-	-	-	-	-	-
1-Aug-28	-	-	-	-	-	-	-	-	-
1-Feb-29		-	-	-	-	-	-	-	-
1-Aug-29	-	-	-	-	-	-	-	-	-
1-Feb-30		-	-	-	-	-	-	-	-
1-Aug-30	-	-	-	-	-	-	-	-	-
1-Feb-31		-	-	-	-	-	-	-	-
1-Aug-31	-	-	-	-	-	-	-	-	-
1-Feb-32		-	-	-	-	-	-	-	-
1-Aug-32	-	-	-	-	-	-	-	-	-
1-Feb-33		-	-	-	-	-	-	-	-
1-Aug-33	-	-	-	-	-	-	-	-	-
	64,752.00	28,706.00	93,458.00	12,564.00	16,142.00	28,706.00	64,752.00	-	64,752.00

Grant Equivalency: 50.00%

Schedule of Loan Repayments

Initial Loan Obligation: \$50,889.10

Loan Subsidy Amounts

Date	Scheduled Loan Repayments			Contract Assistance			Net Loan Repayments		
	Principal	Interest	Total	Equity Earnings	Assistance Payments	Total	Principal	Interest	Total
15-Nov-06									
01-Feb-07	\$0.00	\$712.57	\$712.57	\$288.10	\$424.47	\$712.57	\$0.00	\$0.00	\$0.00
01-Aug-07	\$2,834.02	\$1,233.30	\$4,067.32	\$498.64	\$734.66	\$1,233.30	\$2,834.02	\$0.00	\$2,834.02
01-Feb-08	\$0.00	\$1,162.45	\$1,162.45	\$470.87	\$691.58	\$1,162.45	\$0.00	\$0.00	\$0.00
01-Aug-08	\$2,834.12	\$1,162.45	\$3,996.57	\$470.87	\$691.58	\$1,162.45	\$2,834.12	\$0.00	\$2,834.12
01-Feb-09	\$0.00	\$1,119.93	\$1,119.93	\$443.10	\$676.84	\$1,119.94	\$0.00	\$0.00	\$0.00
01-Aug-09	\$2,834.12	\$1,119.93	\$3,954.05	\$443.10	\$676.84	\$1,119.94	\$2,834.12	\$0.00	\$2,834.12
01-Feb-10	\$0.00	\$1,049.08	\$1,049.08	\$415.33	\$633.75	\$1,049.08	\$0.00	\$0.00	\$0.00
01-Aug-10	\$2,834.12	\$1,049.08	\$3,883.20	\$415.33	\$633.75	\$1,049.08	\$2,834.12	\$0.00	\$2,834.12
01-Feb-11	\$0.00	\$978.23	\$978.23	\$387.56	\$590.67	\$978.23	\$0.00	\$0.00	\$0.00
01-Aug-11	\$2,834.12	\$978.23	\$3,812.35	\$387.56	\$590.67	\$978.23	\$2,834.12	\$0.00	\$2,834.12
01-Feb-12	\$0.00	\$935.72	\$935.72	\$359.79	\$575.93	\$935.72	\$0.00	\$0.00	\$0.00
01-Aug-12	\$2,834.12	\$935.72	\$3,769.84	\$359.79	\$575.93	\$935.72	\$2,834.12	\$0.00	\$2,834.12
01-Feb-13	\$0.00	\$864.86	\$864.86	\$332.02	\$532.85	\$864.87	\$0.00	\$0.00	\$0.00
01-Aug-13	\$2,834.12	\$864.86	\$3,698.98	\$332.02	\$532.85	\$864.87	\$2,834.12	\$0.00	\$2,834.12
01-Feb-14	\$0.00	\$790.47	\$790.47	\$304.25	\$486.22	\$790.47	\$0.00	\$0.00	\$0.00
01-Aug-14	\$2,834.12	\$790.47	\$3,624.59	\$304.25	\$486.22	\$790.47	\$2,834.12	\$0.00	\$2,834.12
01-Feb-15	\$0.00	\$716.07	\$716.07	\$276.48	\$439.60	\$716.08	\$0.00	\$0.00	\$0.00
01-Aug-15	\$2,844.38	\$716.07	\$3,560.45	\$276.48	\$439.60	\$716.08	\$2,844.38	\$0.00	\$2,844.38
01-Feb-16	\$0.00	\$641.41	\$641.41	\$248.61	\$392.80	\$641.41	\$0.00	\$0.00	\$0.00
01-Aug-16	\$2,844.38	\$641.41	\$3,485.79	\$248.61	\$392.80	\$641.41	\$2,844.38	\$0.00	\$2,844.38
01-Feb-17	\$0.00	\$566.74	\$566.74	\$220.74	\$346.01	\$566.75	\$0.00	\$0.00	\$0.00
01-Aug-17	\$2,844.38	\$566.74	\$3,411.12	\$220.74	\$346.01	\$566.75	\$2,844.38	\$0.00	\$2,844.38
01-Feb-18	\$0.00	\$492.08	\$492.08	\$192.86	\$299.21	\$492.07	\$0.00	\$0.00	\$0.00
01-Aug-18	\$2,844.38	\$492.08	\$3,336.46	\$192.86	\$299.21	\$492.07	\$2,844.38	\$0.00	\$2,844.38
01-Feb-19	\$0.00	\$420.97	\$420.97	\$164.99	\$255.97	\$420.96	\$0.00	\$0.00	\$0.00
01-Aug-19	\$2,844.38	\$420.97	\$3,265.35	\$164.99	\$255.97	\$420.96	\$2,844.38	\$0.00	\$2,844.38
01-Feb-20	\$0.00	\$349.86	\$349.86	\$137.12	\$212.73	\$349.85	\$0.00	\$0.00	\$0.00
01-Aug-20	\$2,844.38	\$349.86	\$3,194.24	\$137.12	\$212.73	\$349.85	\$2,844.38	\$0.00	\$2,844.38
01-Feb-21	\$0.00	\$278.75	\$278.75	\$109.25	\$169.50	\$278.75	\$0.00	\$0.00	\$0.00
01-Aug-21	\$2,844.38	\$278.75	\$3,123.13	\$109.25	\$169.50	\$278.75	\$2,844.38	\$0.00	\$2,844.38
01-Feb-22	\$0.00	\$207.64	\$207.64	\$81.38	\$126.26	\$207.64	\$0.00	\$0.00	\$0.00
01-Aug-22	\$2,844.38	\$207.64	\$3,052.02	\$81.38	\$126.26	\$207.64	\$2,844.38	\$0.00	\$2,844.38
01-Feb-23	\$0.00	\$136.53	\$136.53	\$53.51	\$83.02	\$136.53	\$0.00	\$0.00	\$0.00
01-Aug-23	\$2,730.60	\$136.53	\$2,867.13	\$53.51	\$83.02	\$136.53	\$2,730.60	\$0.00	\$2,730.60
01-Feb-24	\$0.00	\$68.27	\$68.27	\$26.76	\$41.51	\$68.27	\$0.00	\$0.00	\$0.00
01-Aug-24	\$2,730.60	\$68.27	\$2,798.87	\$26.76	\$41.51	\$68.27	\$2,730.60	\$0.00	\$2,730.60
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
	\$50,889.10	\$23,503.99	\$74,393.09	\$9,235.98	\$14,268.03	\$23,504.01	\$50,889.10	\$0.00	\$50,889.10

Massachusetts Water Pollution Abatement Trust
 Water Pollution Abatement Revenue Bonds
 (Pool Loan Program Bonds)
 Series 6
 Title V Loans
 Shutesbury 98-1020

SCHEDULE C

Final Loan Structuring Analysis
 Schedule of Loan Repayments

Outstanding Loan Obligation: \$197,403.08

	Loan Subsidy Amounts								
	Scheduled Loan Repayments			Contract			Net Loan Repayments		
	Principal	Interest	Total	Equity Earnings	Assistance Payments	Total	Principal	Interest	Total
01-Aug-02	10,400.36	5,097.32	15,497.68	2,594.02	2,503.30	5,097.32	10,400.36	-	10,400.36
01-Feb-03	-	4,850.32	4,850.32	2,457.36	2,392.96	4,850.32	-	-	-
01-Aug-03	10,400.36	4,850.32	15,250.68	2,457.36	2,392.96	4,850.32	10,400.36	-	10,400.36
01-Feb-04	-	4,603.31	4,603.31	2,320.69	2,282.62	4,603.31	-	-	-
01-Aug-04	10,400.36	4,603.31	15,003.67	2,320.69	2,282.62	4,603.31	10,400.36	-	10,400.36
01-Feb-05	-	4,369.30	4,369.30	2,184.02	2,185.28	4,369.30	-	-	-
01-Aug-05	10,400.36	4,369.30	14,769.66	2,184.02	2,185.28	4,369.30	10,400.36	-	10,400.36
01-Feb-06	-	4,135.29	4,135.29	2,047.35	2,087.94	4,135.29	-	-	-
01-Aug-06	10,400.36	4,135.29	14,535.65	2,047.35	2,087.94	4,135.29	10,400.36	-	10,400.36
01-Feb-07	-	3,875.28	3,875.28	1,910.68	1,964.60	3,875.28	-	-	-
01-Aug-07	10,400.36	3,875.28	14,275.64	1,910.68	1,964.60	3,875.28	10,400.36	-	10,400.36
01-Feb-08	-	3,634.77	3,634.77	1,774.01	1,860.76	3,634.77	-	-	-
01-Aug-08	10,400.36	3,634.77	14,035.13	1,774.01	1,860.76	3,634.77	10,400.36	-	10,400.36
01-Feb-09	-	3,374.76	3,374.76	1,637.34	1,737.42	3,374.76	-	-	-
01-Aug-09	10,400.36	3,374.76	13,775.12	1,637.34	1,737.42	3,374.76	10,400.36	-	10,400.36
01-Feb-10	-	3,101.76	3,101.76	1,500.68	1,601.08	3,101.76	-	-	-
01-Aug-10	10,400.20	3,101.76	13,501.96	1,500.68	1,601.08	3,101.76	10,400.20	-	10,400.20
01-Feb-11	-	2,828.75	2,828.75	1,364.01	1,464.74	2,828.75	-	-	-
01-Aug-11	10,400.00	2,828.75	13,228.75	1,364.01	1,464.74	2,828.75	10,400.00	-	10,400.00
01-Feb-12	-	2,555.75	2,555.75	1,227.35	1,328.40	2,555.75	-	-	-
01-Aug-12	10,400.00	2,555.75	12,955.75	1,227.35	1,328.40	2,555.75	10,400.00	-	10,400.00
01-Feb-13	-	2,295.75	2,295.75	1,090.68	1,205.07	2,295.75	-	-	-
01-Aug-13	10,400.00	2,295.75	12,695.75	1,090.68	1,205.07	2,295.75	10,400.00	-	10,400.00
01-Feb-14	-	2,003.25	2,003.25	954.02	1,049.23	2,003.25	-	-	-
01-Aug-14	10,400.00	2,003.25	12,403.25	954.02	1,049.23	2,003.25	10,400.00	-	10,400.00
01-Feb-15	-	1,710.75	1,710.75	817.35	893.40	1,710.75	-	-	-
01-Aug-15	10,400.00	1,710.75	12,110.75	817.35	893.40	1,710.75	10,400.00	-	10,400.00
01-Feb-16	-	1,418.25	1,418.25	680.69	737.56	1,418.25	-	-	-
01-Aug-16	10,400.00	1,418.25	11,818.25	680.69	737.56	1,418.25	10,400.00	-	10,400.00
01-Feb-17	-	1,125.75	1,125.75	544.03	581.72	1,125.75	-	-	-
01-Aug-17	10,400.00	1,125.75	11,525.75	544.03	581.72	1,125.75	10,400.00	-	10,400.00
01-Feb-18	-	833.25	833.25	407.36	425.89	833.25	-	-	-
01-Aug-18	10,400.00	833.25	11,233.25	407.36	425.89	833.25	10,400.00	-	10,400.00
01-Feb-19	-	540.75	540.75	270.70	270.05	540.75	-	-	-
01-Aug-19	10,400.00	540.75	10,940.75	270.70	270.05	540.75	10,400.00	-	10,400.00
01-Feb-20	-	267.75	267.75	134.04	133.71	267.75	-	-	-
01-Aug-20	10,200.00	267.75	10,467.75	134.04	133.71	267.75	10,200.00	-	10,200.00
01-Feb-21	-	-	-	-	-	-	-	-	-
01-Aug-21	-	-	-	-	-	-	-	-	-
01-Feb-22	-	-	-	-	-	-	-	-	-
01-Aug-22	-	-	-	-	-	-	-	-	-
01-Feb-23	-	-	-	-	-	-	-	-	-
01-Aug-23	-	-	-	-	-	-	-	-	-
	197,403.08	100,146.90	297,549.98	49,238.74	50,908.16	100,146.90	197,403.08	-	197,403.08