

Massachusetts Clean Water Trust
Series 19
Stoughton Loan Amortization
T5-97-1201-D

Initial Loan Amount	150,000.00	Loan Origination Fee (\$5.50/1000)	0.00
Principal Forgiveness		Loan Term (in years)	20
Net Loan Obligation	150,000.00	Loan Rate	0.00%
		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	Commonwealth Assistance Principal Forgiveness	Total Debt Service	Annual Debt Service
2/11/2016								
7/15/2016								
1/15/2017	7,500.00		7,500.00				7,500.00	7,500.00
7/15/2017								
1/15/2018	7,500.00		7,500.00				7,500.00	7,500.00
7/15/2018								
1/15/2019	7,500.00		7,500.00				7,500.00	7,500.00
7/15/2019								
1/15/2020	7,500.00		7,500.00				7,500.00	7,500.00
7/15/2020								
1/15/2021	7,500.00		7,500.00				7,500.00	7,500.00
7/15/2021								
1/15/2022	7,500.00		7,500.00				7,500.00	7,500.00
7/15/2022								
1/15/2023	7,500.00		7,500.00				7,500.00	7,500.00
7/15/2023								
1/15/2024	7,500.00		7,500.00				7,500.00	7,500.00
7/15/2024								
1/15/2025	7,500.00		7,500.00				7,500.00	7,500.00
7/15/2025								
1/15/2026	7,500.00		7,500.00				7,500.00	7,500.00
7/15/2026								
1/15/2027	7,500.00		7,500.00				7,500.00	7,500.00
7/15/2027								
1/15/2028	7,500.00		7,500.00				7,500.00	7,500.00
7/15/2028								
1/15/2029	7,500.00		7,500.00				7,500.00	7,500.00
7/15/2029								
1/15/2030	7,500.00		7,500.00				7,500.00	7,500.00
7/15/2030								
1/15/2031	7,500.00		7,500.00				7,500.00	7,500.00
7/15/2031								
1/15/2032	7,500.00		7,500.00				7,500.00	7,500.00
7/15/2032								
1/15/2033	7,500.00		7,500.00				7,500.00	7,500.00
7/15/2033								
1/15/2034	7,500.00		7,500.00				7,500.00	7,500.00
7/15/2034								
1/15/2035	7,500.00		7,500.00				7,500.00	7,500.00
7/15/2035								
1/15/2036	7,500.00		7,500.00				7,500.00	7,500.00
7/15/2036								
	150,000.00		150,000.00				150,000.00	150,000.00

Massachusetts Clean Water Trust
Series 18
Stoughton Loan Amortization
T5-97-1201-C

Initial Loan Amount	250,000.00	Loan Origination Fee (\$5.50/1000)	0.00
Principal Forgiveness	-	Loan Term (in years)	20
Net Loan Obligation	250,000.00	Loan Rate	0.00%
		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							
1/15/2016	12,500.00		12,500.00			12,500.00	12,500.00
7/15/2016							
1/15/2017	12,500.00		12,500.00			12,500.00	12,500.00
7/15/2017							
1/15/2018	12,500.00		12,500.00			12,500.00	12,500.00
7/15/2018							
1/15/2019	12,500.00		12,500.00			12,500.00	12,500.00
7/15/2019							
1/15/2020	12,500.00		12,500.00			12,500.00	12,500.00
7/15/2020							
1/15/2021	12,500.00		12,500.00			12,500.00	12,500.00
7/15/2021							
1/15/2022	12,500.00		12,500.00			12,500.00	12,500.00
7/15/2022							
1/15/2023	12,500.00		12,500.00			12,500.00	12,500.00
7/15/2023							
1/15/2024	12,500.00		12,500.00			12,500.00	12,500.00
7/15/2024							
1/15/2025	12,500.00		12,500.00			12,500.00	12,500.00
7/15/2025							
1/15/2026	12,500.00		12,500.00			12,500.00	12,500.00
7/15/2026							
1/15/2027	12,500.00		12,500.00			12,500.00	12,500.00
7/15/2027							
1/15/2028	12,500.00		12,500.00			12,500.00	12,500.00
7/15/2028							
1/15/2029	12,500.00		12,500.00			12,500.00	12,500.00
7/15/2029							
1/15/2030	12,500.00		12,500.00			12,500.00	12,500.00
7/15/2030							
1/15/2031	12,500.00		12,500.00			12,500.00	12,500.00
7/15/2031							
1/15/2032	12,500.00		12,500.00			12,500.00	12,500.00
7/15/2032							
1/15/2033	12,500.00		12,500.00			12,500.00	12,500.00
7/15/2033							
1/15/2034	12,500.00		12,500.00			12,500.00	12,500.00
7/15/2034							
1/15/2035	12,500.00		12,500.00			12,500.00	12,500.00
7/15/2035							
	250,000.00		250,000.00			250,000.00	250,000.00

Notes:

Massachusetts Water Pollution Abatement Trust
Series 17B
Stoughton Loan Amortization
97-1201-B

Initial Loan Amount	350,000.00	Loan Origination Fee (\$5.50/1000)	0.00
Principal Forgiveness	-	Loan Term (in years)	20
Net Loan Obligation	350,000.00	Loan Rate	0.00%
		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							
1/15/2014	17,500.00		17,500.00			17,500.00	17,500.00
7/15/2014							
1/15/2015	17,500.00		17,500.00			17,500.00	17,500.00
7/15/2015							
1/15/2016	17,500.00		17,500.00			17,500.00	17,500.00
7/15/2016							
1/15/2017	17,500.00		17,500.00			17,500.00	17,500.00
7/15/2017							
1/15/2018	17,500.00		17,500.00			17,500.00	17,500.00
7/15/2018							
1/15/2019	17,500.00		17,500.00			17,500.00	17,500.00
7/15/2019							
1/15/2020	17,500.00		17,500.00			17,500.00	17,500.00
7/15/2020							
1/15/2021	17,500.00		17,500.00			17,500.00	17,500.00
7/15/2021							
1/15/2022	17,500.00		17,500.00			17,500.00	17,500.00
7/15/2022							
1/15/2023	17,500.00		17,500.00			17,500.00	17,500.00
7/15/2023							
1/15/2024	17,500.00		17,500.00			17,500.00	17,500.00
7/15/2024							
1/15/2025	17,500.00		17,500.00			17,500.00	17,500.00
7/15/2025							
1/15/2026	17,500.00		17,500.00			17,500.00	17,500.00
7/15/2026							
1/15/2027	17,500.00		17,500.00			17,500.00	17,500.00
7/15/2027							
1/15/2028	17,500.00		17,500.00			17,500.00	17,500.00
7/15/2028							
1/15/2029	17,500.00		17,500.00			17,500.00	17,500.00
7/15/2029							
1/15/2030	17,500.00		17,500.00			17,500.00	17,500.00
7/15/2030							
1/15/2031	17,500.00		17,500.00			17,500.00	17,500.00
7/15/2031							
1/15/2032	17,500.00		17,500.00			17,500.00	17,500.00
7/15/2032							
1/15/2033	17,500.00		17,500.00			17,500.00	17,500.00
7/15/2033							
	350,000.00		350,000.00			350,000.00	350,000.00

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

SCHEDULE C

Series 15

Stoughton
97-1201-A

Loan Interest Rate	0.00%
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Final Structuring Analysis

Schedule of Loan Repayments

Initial Loan Obligation:	\$200,000.00
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Date	Schedule of Loan Repayments			Admin. Fee 0	Loan Origination Fee	Total Due
	Principal	Interest	Total			
08-Jul-10						
15-Jan-11	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00
15-Jul-11	10,000.00	0.00	10,000.00	0.00		10,000.00
15-Jan-12	0.00	0.00	0.00	0.00		0.00
15-Jul-12	10,000.00	0.00	10,000.00	0.00		10,000.00
15-Jan-13	0.00	0.00	0.00	0.00		0.00
15-Jul-13	10,000.00	0.00	10,000.00	0.00		10,000.00
15-Jan-14	0.00	0.00	0.00	0.00		0.00
15-Jul-14	10,000.00	0.00	10,000.00	0.00		10,000.00
15-Jan-15	0.00	0.00	0.00	0.00		0.00
15-Jul-15	10,000.00	0.00	10,000.00	0.00		10,000.00
15-Jan-16	0.00	0.00	0.00	0.00		0.00
15-Jul-16	10,000.00	0.00	10,000.00	0.00		10,000.00
15-Jan-17	0.00	0.00	0.00	0.00		0.00
15-Jul-17	10,000.00	0.00	10,000.00	0.00		10,000.00
15-Jan-18	0.00	0.00	0.00	0.00		0.00
15-Jul-18	10,000.00	0.00	10,000.00	0.00		10,000.00
15-Jan-19	0.00	0.00	0.00	0.00		0.00
15-Jul-19	10,000.00	0.00	10,000.00	0.00		10,000.00
15-Jan-20	0.00	0.00	0.00	0.00		0.00
15-Jul-20	10,000.00	0.00	10,000.00	0.00		10,000.00
15-Jan-21	0.00	0.00	0.00	0.00		0.00
15-Jul-21	10,000.00	0.00	10,000.00	0.00		10,000.00
15-Jan-22	0.00	0.00	0.00	0.00		0.00
15-Jul-22	10,000.00	0.00	10,000.00	0.00		10,000.00
15-Jan-23	0.00	0.00	0.00	0.00		0.00
15-Jul-23	10,000.00	0.00	10,000.00	0.00		10,000.00
15-Jan-24	0.00	0.00	0.00	0.00		0.00
15-Jul-24	10,000.00	0.00	10,000.00	0.00		10,000.00
15-Jan-25	0.00	0.00	0.00	0.00		0.00
15-Jul-25	10,000.00	0.00	10,000.00	0.00		10,000.00
15-Jan-26	0.00	0.00	0.00	0.00		0.00
15-Jul-26	10,000.00	0.00	10,000.00	0.00		10,000.00
15-Jan-27	0.00	0.00	0.00	0.00		0.00
15-Jul-27	10,000.00	0.00	10,000.00	0.00		10,000.00
15-Jan-28	0.00	0.00	0.00	0.00		0.00
15-Jul-28	10,000.00	0.00	10,000.00	0.00		10,000.00
15-Jan-29	0.00	0.00	0.00	0.00		0.00
15-Jul-29	10,000.00	0.00	10,000.00	0.00		10,000.00
15-Jan-30	0.00	0.00	0.00	0.00		0.00
15-Jul-30	10,000.00	0.00	10,000.00	0.00		10,000.00
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
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
	\$200,000.00	\$0.00	\$200,000.00	\$0.00	\$0.00	\$200,000.00

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

Series 5

Title V Loan

Toughon 97-1201

SCHEDULE C

Preliminary Loan Structuring Analysis

Schedule of Loan Repayments

Outstanding Loan Oblig \$200,000.00

Loan Subsidy Amounts

	Scheduled Loan Repayments			Contract Assistance			Net Loan Repayments		
	Principal	Interest	Total	Equity Earnings	Payments	Total	Principal	Interest	Total
01-Aug-01	10,532.00						10,532.00		10,532.00
01-Feb-02	\$0.00	\$4,848.15	\$4,848.15	\$2,508.85	\$2,339.30	\$4,848.15	0.00	\$0.00	0.00
01-Aug-02	10,540.00	4,875.23	15,415.23	2,522.86	2,352.37	4,875.23	10,540.00	0.00	10,540.00
01-Feb-03	0.00	4,659.18	4,659.18	2,382.53	2,276.65	4,659.18	0.00	0.00	0.00
01-Aug-03	10,539.00	4,659.18	15,198.18	2,382.53	2,276.65	4,659.18	10,539.00	0.00	10,539.00
01-Feb-04	0.00	4,435.22	4,435.22	2,242.19	2,193.03	4,435.22	(0.00)	0.00	(0.00)
01-Aug-04	10,539.00	4,435.22	14,974.22	2,242.19	2,193.03	4,435.22	10,539.00	0.00	10,539.00
01-Feb-05	0.00	4,204.68	4,204.68	2,101.86	2,102.82	4,204.68	0.00	0.00	0.00
01-Aug-05	10,539.00	4,204.68	14,743.68	2,101.86	2,102.82	4,204.68	10,539.00	0.00	10,539.00
01-Feb-06	0.00	3,967.55	3,967.55	1,961.52	2,006.02	3,967.55	(0.00)	0.00	(0.00)
01-Aug-06	10,539.00	3,967.55	14,506.55	1,961.52	2,006.02	3,967.55	10,539.00	0.00	10,539.00
01-Feb-07	0.00	3,690.90	3,690.90	1,821.19	1,869.71	3,690.90	0.00	0.00	0.00
01-Aug-07	10,539.00	3,690.90	14,229.90	1,821.19	1,869.71	3,690.90	10,539.00	0.00	10,539.00
01-Feb-08	0.00	3,414.24	3,414.24	1,680.86	1,733.39	3,414.24	0.00	0.00	0.00
01-Aug-08	10,539.00	3,414.24	13,953.24	1,680.86	1,733.39	3,414.24	10,539.00	0.00	10,539.00
01-Feb-09	0.00	3,161.30	3,161.30	1,540.52	1,620.78	3,161.30	0.00	0.00	0.00
01-Aug-09	10,539.00	3,161.30	13,700.30	1,540.52	1,620.78	3,161.30	10,539.00	0.00	10,539.00
01-Feb-10	0.00	2,884.65	2,884.65	1,400.19	1,484.46	2,884.65	(0.00)	0.00	(0.00)
01-Aug-10	10,610.00	2,884.65	13,494.65	1,400.19	1,484.46	2,884.65	10,610.00	0.00	10,610.00
01-Feb-11	0.00	2,619.40	2,619.40	1,258.91	1,360.49	2,619.40	0.00	0.00	0.00
01-Aug-11	10,610.00	2,619.40	13,229.40	1,258.91	1,360.49	2,619.40	10,610.00	0.00	10,610.00
01-Feb-12	0.00	2,334.25	2,334.25	1,117.63	1,216.62	2,334.25	0.00	0.00	0.00
01-Aug-12	10,610.00	2,334.25	12,944.25	1,117.63	1,216.62	2,334.25	10,610.00	0.00	10,610.00
01-Feb-13	0.00	2,042.47	2,042.47	976.35	1,066.12	2,042.47	0.00	0.00	0.00
01-Aug-13	10,610.00	2,042.47	12,652.47	976.35	1,066.12	2,042.47	10,610.00	0.00	10,610.00
01-Feb-14	0.00	1,750.68	1,750.68	835.07	915.62	1,750.68	0.00	0.00	0.00
01-Aug-14	10,610.00	1,750.68	12,360.68	835.07	915.62	1,750.68	10,610.00	0.00	10,610.00
01-Feb-15	0.00	1,458.90	1,458.90	693.79	765.12	1,458.90	(0.00)	0.00	(0.00)
01-Aug-15	10,421.00	1,458.90	11,879.90	693.79	765.12	1,458.90	10,421.00	0.00	10,421.00
01-Feb-16	0.00	1,185.36	1,185.36	555.03	630.33	1,185.36	0.00	0.00	0.00
01-Aug-16	10,421.00	1,185.36	11,606.36	555.03	630.33	1,185.36	10,421.00	0.00	10,421.00
01-Feb-17	0.00	885.76	885.76	416.27	469.49	885.76	0.00	0.00	0.00
01-Aug-17	10,421.00	885.76	11,306.76	416.27	469.49	885.76	10,421.00	0.00	10,421.00
01-Feb-18	0.00	586.17	586.17	277.51	308.65	586.17	0.00	0.00	0.00
01-Aug-18	10,421.00	586.17	11,007.17	277.51	308.65	586.17	10,421.00	0.00	10,421.00
01-Feb-19	0.00	286.57	286.57	138.76	147.81	286.57	0.00	0.00	0.00
01-Aug-19	10,421.00	286.57	10,707.57	138.76	147.81	286.57	10,421.00	0.00	10,421.00
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
	\$200,000.00	\$96,857.94	\$286,325.94	\$47,832.05	\$49,025.89	\$96,857.94	\$200,000.00	\$0.00	\$200,000.00

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

G.E. 50.00%

Schedule of Loan Repayments

Outstanding Obligation: 2,784,319.00

Scheduled Loan Repayments				Loan Subsidy Amounts			Net Loan Repayment		
Date	Principal	Interest	Total	DSRF Earnings	Revised Contract Assistance	Total	Principal	Interest	Total
01-Feb-05	0.00	61,207.47	61,207.47	24,058.19	0.00	24,058.19	0.00	37,149.28	37,149.28
01-Aug-05	117,742.00	65,123.17	182,865.17	24,058.19	63,625.85	87,684.03	95,181.14	0.00	95,181.14
01-Feb-06	0.00	63,357.04	63,357.04	23,040.83	327.18	23,368.01	0.00	39,989.04	39,989.04
01-Aug-06	120,643.00	63,357.04	184,000.04	23,040.83	63,625.85	86,666.67	97,333.37	0.00	97,333.37
01-Feb-07	0.00	60,340.97	60,340.97	21,998.40	327.18	22,325.58	0.00	38,015.40	38,015.40
01-Aug-07	124,844.00	60,340.97	185,184.97	21,998.40	63,625.85	85,624.24	99,560.73	0.00	99,560.73
01-Feb-08	0.00	57,219.87	57,219.87	20,919.67	327.18	21,246.85	0.00	35,973.02	35,973.02
01-Aug-08	129,190.00	57,219.87	186,409.87	20,919.67	63,625.85	84,545.52	102,134.77	0.00	102,134.77
01-Feb-09	0.00	53,982.13	53,982.13	19,803.39	327.18	20,130.57	0.00	33,851.56	33,851.56
01-Aug-09	132,609.00	53,982.13	186,591.13	19,803.39	63,617.85	83,421.25	103,169.89	0.00	103,169.89
01-Feb-10	0.00	51,727.77	51,727.77	18,657.57	327.18	18,984.75	0.00	32,743.02	32,743.02
01-Aug-10	136,146.00	51,727.77	187,873.77	18,657.57	63,617.85	82,275.42	105,598.35	0.00	105,598.35
01-Feb-11	0.00	48,324.12	48,324.12	17,481.19	327.18	17,808.37	0.00	30,515.75	30,515.75
01-Aug-11	139,961.00	48,324.12	188,285.12	17,481.19	63,617.85	81,099.04	107,186.08	0.00	107,186.08
01-Feb-12	0.00	45,734.84	45,734.84	16,271.84	327.18	16,599.02	0.00	29,135.82	29,135.82
01-Aug-12	143,184.00	45,734.84	188,918.84	16,271.84	64,594.26	80,866.10	108,052.74	0.00	108,052.74
01-Feb-13	0.00	44,823.97	44,823.97	15,034.64	327.18	15,361.82	0.00	28,462.14	28,462.14
01-Aug-13	150,000.00	44,823.97	194,823.97	15,034.64	58,730.62	73,765.26	108,826.01	0.00	108,826.01
01-Feb-14	0.00	39,439.08	39,439.08	13,738.55	327.18	14,065.73	0.00	25,373.35	25,373.35
01-Aug-14	155,000.00	39,439.08	194,439.08	13,738.55	58,432.59	72,171.15	110,887.52	0.00	110,887.52
01-Feb-15	0.00	35,369.38	35,369.38	12,399.26	327.18	12,726.44	0.00	22,642.94	22,642.94
01-Aug-15	160,000.00	35,369.38	195,369.38	12,399.26	58,701.84	71,101.10	113,375.34	0.00	113,375.34
01-Feb-16	0.00	31,421.35	31,421.35	11,016.77	327.18	11,343.95	0.00	20,077.41	20,077.41
01-Aug-16	165,000.00	31,421.35	196,421.35	11,016.77	58,566.81	69,583.57	115,490.82	0.00	115,490.82
01-Feb-17	0.00	27,428.34	27,428.34	9,591.07	327.18	9,918.25	0.00	17,510.09	17,510.09
01-Aug-17	170,000.00	27,428.34	197,428.34	9,591.07	60,268.55	69,859.61	119,442.36	0.00	119,442.36
01-Feb-18	0.00	23,229.23	23,229.23	8,122.16	327.18	8,449.34	0.00	14,779.89	14,779.89
01-Aug-18	175,000.00	23,229.23	198,229.23	8,122.16	63,338.34	71,460.50	124,679.50	0.00	124,679.50
01-Feb-19	0.00	18,905.78	18,905.78	6,610.08	327.18	6,937.26	0.00	11,968.54	11,968.54
01-Aug-19	180,000.00	18,905.78	198,905.78	6,610.08	60,172.39	66,782.45	123,499.35	0.00	123,499.35
01-Feb-20	0.00	14,557.09	14,557.09	5,054.75	327.18	5,381.93	0.00	9,175.16	9,175.16
01-Aug-20	190,000.00	14,557.09	204,557.09	5,054.75	61,984.73	67,039.48	132,299.09	0.00	132,299.09
01-Feb-21	0.00	9,875.00	9,875.00	3,413.04	327.18	3,740.22	0.00	6,134.78	6,134.78
01-Aug-21	195,000.00	9,875.00	204,875.00	3,413.04	64,627.94	68,040.98	136,834.02	0.00	136,834.02
01-Feb-22	0.00	5,000.00	5,000.00	1,728.12	327.18	2,055.30	0.00	2,944.70	2,944.70
01-Aug-22	200,000.00	5,000.00	205,000.00	1,728.12	64,627.94	66,356.06	138,643.94	0.00	138,643.94
01-Feb-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2,784,319.00	1,318,424.31	4,102,743.31	497,878.98	1,125,227.43	1,623,106.41	2,042,195.00	437,441.90	2,479,636.90

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

Stoughton
DW-01-25
Preliminary Structuring Analysis

Estimated Net Borrower Debt Service

Date	Principal Outstanding	Debt Service [Net of Accrued Interest]	LESS DSRF Earnings @ 4.320300%	LESS Contract Assistance	Estimated Net Debt Service	PLUS Administrative Fee Payable @ 0.075000%	Estimated Total Payment	Estimated Total Payment [Fiscal Year ending] 30-Jun
26-Nov-02								
01-Feb-03	\$3,014,916.00	\$25,127.64	\$9,407.19	\$327.18	\$15,393.27	\$816.54	\$16,209.81	\$16,209.81
01-Aug-03	3,014,916.00	184,102.23	26,050.68	64,627.94	93,423.61	2,261.19	95,684.80	--
01-Feb-04	2,900,398.00	67,866.46	25,061.18	327.18	42,478.10	2,175.30	44,653.40	140,338.20
01-Aug-04	2,900,398.00	183,945.46	25,061.18	64,627.94	94,256.34	2,175.30	96,431.64	--
01-Feb-05	2,784,319.00	66,125.27	24,058.19	327.18	41,739.90	2,088.24	43,828.14	140,259.78
01-Aug-05	2,784,319.00	183,867.27	24,058.19	64,627.94	95,181.14	2,088.24	97,269.38	--
01-Feb-06	2,666,577.00	64,359.14	23,040.83	327.18	40,991.13	1,999.93	42,991.06	140,260.44
01-Aug-06	2,666,577.00	185,002.14	23,040.83	64,627.94	97,333.37	1,999.93	99,333.30	--
01-Feb-07	2,545,934.00	61,343.07	21,998.40	327.18	39,017.49	1,909.45	40,926.94	140,260.24
01-Aug-07	2,545,934.00	186,187.07	21,998.40	64,627.94	99,560.73	1,909.45	101,470.18	--
01-Feb-08	2,421,090.00	58,221.97	20,919.67	327.18	36,975.12	1,815.82	38,790.94	140,261.12
01-Aug-08	2,421,090.00	187,411.97	20,919.67	64,627.94	101,864.36	1,815.82	103,680.18	--
01-Feb-09	2,291,900.00	54,992.22	19,803.39	327.18	34,861.65	1,718.93	36,580.58	140,260.76
01-Aug-09	2,291,900.00	187,601.22	19,803.39	64,627.94	103,169.89	1,718.93	104,888.82	--
01-Feb-10	2,159,291.00	52,737.86	18,657.57	327.18	33,753.11	1,619.47	35,372.58	140,261.40
01-Aug-10	2,159,291.00	188,883.86	18,657.57	64,627.94	105,598.35	1,619.47	107,217.82	--
01-Feb-11	2,023,145.00	49,334.21	17,481.19	327.18	31,525.84	1,517.36	33,043.20	140,261.02
01-Aug-11	2,023,145.00	189,295.21	17,481.19	64,627.94	107,186.08	1,517.36	108,703.44	--
01-Feb-12	1,883,184.00	46,744.93	16,271.84	327.18	30,145.91	1,412.39	31,558.30	140,261.74
01-Aug-12	1,883,184.00	189,928.93	16,271.84	64,627.94	109,029.15	1,412.39	110,441.54	--
01-Feb-13	1,740,000.00	43,881.25	15,034.64	327.18	28,519.43	1,305.00	29,824.43	140,265.97
01-Aug-13	1,740,000.00	193,881.25	15,034.64	64,627.94	114,218.67	1,305.00	115,523.67	--
01-Feb-14	1,590,000.00	39,943.75	13,738.55	327.18	25,878.02	1,192.50	27,070.52	142,594.19
01-Aug-14	1,590,000.00	194,943.75	13,738.55	64,627.94	116,577.26	1,192.50	117,769.76	--
01-Feb-15	1,435,000.00	35,875.00	12,399.26	327.18	23,148.56	1,076.25	24,224.81	141,994.57
01-Aug-15	1,435,000.00	195,875.00	12,399.26	64,627.94	118,847.80	1,076.25	119,924.05	--
01-Feb-16	1,275,000.00	31,875.00	11,016.77	327.18	20,531.05	956.25	21,487.30	141,411.35
01-Aug-16	1,275,000.00	196,875.00	11,016.77	64,627.94	121,230.29	956.25	122,186.54	--
01-Feb-17	1,110,000.00	27,750.00	9,591.07	327.18	17,831.75	832.50	18,664.25	140,850.79
01-Aug-17	1,110,000.00	197,750.00	9,591.07	64,627.94	123,530.99	832.50	124,363.49	--
01-Feb-18	940,000.00	23,500.00	8,122.16	327.18	15,050.66	705.00	15,755.66	140,119.15
01-Aug-18	940,000.00	198,500.00	8,122.16	64,627.94	125,749.90	705.00	126,454.90	--
01-Feb-19	765,000.00	19,125.00	6,610.06	327.18	12,187.76	573.75	12,761.51	139,216.41
01-Aug-19	765,000.00	199,125.00	6,610.06	64,627.94	127,887.00	573.75	128,460.75	--
01-Feb-20	585,000.00	14,625.00	5,054.75	327.18	9,243.07	438.75	9,681.82	138,142.57
01-Aug-20	585,000.00	204,625.00	5,054.75	64,627.94	134,942.31	438.75	135,381.06	--
01-Feb-21	395,000.00	9,875.00	3,413.04	327.18	6,134.78	296.25	6,431.03	141,812.09
01-Aug-21	395,000.00	204,875.00	3,413.04	64,627.94	136,834.02	296.25	137,130.27	--
01-Feb-22	200,000.00	5,000.00	1,728.12	327.18	2,944.70	150.00	3,094.70	140,224.97
01-Aug-22	200,000.00	205,000.00	1,728.12	64,627.94	138,643.94	150.00	138,793.94	--
01-Feb-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	138,793.94
01-Aug-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
01-Feb-24	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	--
01-Feb-25	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	--
01-Feb-26	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	--
01-Feb-27	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	--
01-Feb-28	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	--
01-Feb-29	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	--
01-Feb-30	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	--
01-Feb-31	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	--
01-Feb-32	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	--
01-Feb-33	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	--
		\$4,655,978.13	\$583,459.23	\$1,299,102.48	\$2,773,416.42	\$50,644.01	\$2,824,060.43	\$2,824,060.43

Average Annual Net Debt Service \$140,919.60

Massachusetts Clean Water Trust
Series 22
Stoughton Loan Amortization
CWT-17-02

Loan Amount Approved	400,000.00	Loan Origination Fee (\$5.00/1000)	0.00
Principal Forgiveness	-	Loan Term (in years)	20
Amount to be Financed	400,000.00	Loan Rate	2.00%
		Closing Date	10/24/2019
		First Interest Payment	1/15/2020
		First Principal Payment	7/15/2020

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
10/24/2019							
1/15/2020		1,800.00	1,800.00	135.00		1,935.00	1,935.00
7/15/2020	16,180.00	4,000.00	20,180.00	300.00		20,480.00	
1/15/2021		3,838.20	3,838.20	287.87		4,126.07	24,606.07
7/15/2021	16,532.00	3,838.20	20,370.20	287.87		20,658.07	
1/15/2022		3,672.88	3,672.88	275.47		3,948.35	24,606.41
7/15/2022	16,891.00	3,672.88	20,563.88	275.47		20,839.35	
1/15/2023		3,503.97	3,503.97	262.80		3,766.77	24,606.11
7/15/2023	17,259.00	3,503.97	20,762.97	262.80		21,025.77	
1/15/2024		3,331.38	3,331.38	249.85		3,581.23	24,607.00
7/15/2024	17,634.00	3,331.38	20,965.38	249.85		21,215.23	
1/15/2025		3,155.04	3,155.04	236.63		3,391.67	24,606.90
7/15/2025	18,017.00	3,155.04	21,172.04	236.63		21,408.67	
1/15/2026		2,974.87	2,974.87	223.12		3,197.99	24,606.65
7/15/2026	18,408.00	2,974.87	21,382.87	223.12		21,605.99	
1/15/2027		2,790.79	2,790.79	209.31		3,000.10	24,606.08
7/15/2027	18,808.00	2,790.79	21,598.79	209.31		21,808.10	
1/15/2028		2,602.71	2,602.71	195.20		2,797.91	24,606.01
7/15/2028	19,217.00	2,602.71	21,819.71	195.20		22,014.91	
1/15/2029		2,410.54	2,410.54	180.79		2,591.33	24,606.24
7/15/2029	19,635.00	2,410.54	22,045.54	180.79		22,226.33	
1/15/2030		2,214.19	2,214.19	166.06		2,380.25	24,606.58
7/15/2030	20,062.00	2,214.19	22,276.19	166.06		22,442.25	
1/15/2031		2,013.57	2,013.57	151.02		2,164.59	24,606.84
7/15/2031	20,498.00	2,013.57	22,511.57	151.02		22,662.59	
1/15/2032		1,808.59	1,808.59	135.64		1,944.23	24,606.82
7/15/2032	20,943.00	1,808.59	22,751.59	135.64		22,887.23	
1/15/2033		1,599.16	1,599.16	119.94		1,719.10	24,606.33
7/15/2033	21,398.00	1,599.16	22,997.16	119.94		23,117.10	
1/15/2034		1,385.18	1,385.18	103.89		1,489.07	24,606.17
7/15/2034	21,863.00	1,385.18	23,248.18	103.89		23,352.07	
1/15/2035		1,166.55	1,166.55	87.49		1,254.04	24,606.11
7/15/2035	22,339.00	1,166.55	23,505.55	87.49		23,593.04	
1/15/2036		943.16	943.16	70.74		1,013.90	24,606.94
7/15/2036	22,824.00	943.16	23,767.16	70.74		23,837.90	
1/15/2037		714.92	714.92	53.62		768.54	24,606.44
7/15/2037	23,320.00	714.92	24,034.92	53.62		24,088.54	
1/15/2038		481.72	481.72	36.13		517.85	24,606.39
7/15/2038	23,827.00	481.72	24,308.72	36.13		24,344.85	
1/15/2039		243.45	243.45	18.26		261.71	24,606.56
7/15/2039	24,345.00	243.45	24,588.45	18.26		24,606.71	
1/15/2040							24,606.71
	400,000.00	87,501.74	487,501.74	6,562.63		494,064.37	494,064.37

Massachusetts Clean Water Trust
Series 25
Stoughton Loan Amortization
CWT-20-01

Loan Amount Approved	300,000.00	Loan Origination Fee (\$0.00/1000)	0.00
		Loan Term (in years)	20
		Loan Rate	2.00%
Amount to be Financed	300,000.00	Closing Date	11/21/2023
		First Interest Payment	7/15/2024
		First Principal Payment	1/15/2025

Date	Principal	Interest	Total Payments	Admin Fee (0.15%)	Loan Origination Fee	Total Payments	Total Annual Payments
11/21/2023							
7/15/2024		3,900.00	3,900.00	292.50		4,192.50	
1/15/2025	15,000.00	3,000.00	18,000.00	225.00		18,225.00	22,417.50
7/15/2025		2,850.00	2,850.00	213.75		3,063.75	
1/15/2026	15,000.00	2,850.00	17,850.00	213.75		18,063.75	21,127.50
7/15/2026		2,700.00	2,700.00	202.50		2,902.50	
1/15/2027	15,000.00	2,700.00	17,700.00	202.50		17,902.50	20,805.00
7/15/2027		2,550.00	2,550.00	191.25		2,741.25	
1/15/2028	15,000.00	2,550.00	17,550.00	191.25		17,741.25	20,482.50
7/15/2028		2,400.00	2,400.00	180.00		2,580.00	
1/15/2029	15,000.00	2,400.00	17,400.00	180.00		17,580.00	20,160.00
7/15/2029		2,250.00	2,250.00	168.75		2,418.75	
1/15/2030	15,000.00	2,250.00	17,250.00	168.75		17,418.75	19,837.50
7/15/2030		2,100.00	2,100.00	157.50		2,257.50	
1/15/2031	15,000.00	2,100.00	17,100.00	157.50		17,257.50	19,515.00
7/15/2031		1,950.00	1,950.00	146.25		2,096.25	
1/15/2032	15,000.00	1,950.00	16,950.00	146.25		17,096.25	19,192.50
7/15/2032		1,800.00	1,800.00	135.00		1,935.00	
1/15/2033	15,000.00	1,800.00	16,800.00	135.00		16,935.00	18,870.00
7/15/2033		1,650.00	1,650.00	123.75		1,773.75	
1/15/2034	15,000.00	1,650.00	16,650.00	123.75		16,773.75	18,547.50
7/15/2034		1,500.00	1,500.00	112.50		1,612.50	
1/15/2035	15,000.00	1,500.00	16,500.00	112.50		16,612.50	18,225.00
7/15/2035		1,350.00	1,350.00	101.25		1,451.25	
1/15/2036	15,000.00	1,350.00	16,350.00	101.25		16,451.25	17,902.50
7/15/2036		1,200.00	1,200.00	90.00		1,290.00	
1/15/2037	15,000.00	1,200.00	16,200.00	90.00		16,290.00	17,580.00
7/15/2037		1,050.00	1,050.00	78.75		1,128.75	
1/15/2038	15,000.00	1,050.00	16,050.00	78.75		16,128.75	17,257.50
7/15/2038		900.00	900.00	67.50		967.50	
1/15/2039	15,000.00	900.00	15,900.00	67.50		15,967.50	16,935.00
7/15/2039		750.00	750.00	56.25		806.25	
1/15/2040	15,000.00	750.00	15,750.00	56.25		15,806.25	16,612.50
7/15/2040		600.00	600.00	45.00		645.00	
1/15/2041	15,000.00	600.00	15,600.00	45.00		15,645.00	16,290.00
7/15/2041		450.00	450.00	33.75		483.75	
1/15/2042	15,000.00	450.00	15,450.00	33.75		15,483.75	15,967.50
7/15/2042		300.00	300.00	22.50		322.50	
1/15/2043	15,000.00	300.00	15,300.00	22.50		15,322.50	15,645.00
7/15/2043		150.00	150.00	11.25		161.25	
1/15/2044	15,000.00	150.00	15,150.00	11.25		15,161.25	15,322.50
7/15/2044							
	300,000.00	63,900.00	363,900.00	4,792.50		368,692.50	368,692.50