

Massachusetts Clean Water Trust
Pool 18-2016 Swap
MALDEN Reamortization
CWP-13-25

Original Loan Amount	3,938,961.00	Loan Origination Fee (\$7.5/1000)	0.00
Principal Forgiveness	94,883.00	Loan Term (in years)	18
Principal Paid Down	155,497.00	Loan Rate	2.00%
Outstanding Loan Obligation	3,688,581.00	Closing Date	12/16/2016
Remaining Balance	(145,540.18)	First Payment	1/15/2017
Net New Loan Obligation	3,543,040.82		

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
12/16/2016							
1/15/2017	152,607.22	36,651.33	189,258.55	2,748.85		192,007.40	
7/15/2017		33,904.34	33,904.34	2,542.83		36,447.16	
1/15/2018	155,923.98	33,904.34	189,828.32	2,542.83		192,371.14	228,818.30
7/15/2018		32,345.10	32,345.10	2,425.88		34,770.98	
1/15/2019	159,312.78	32,345.10	191,657.87	2,425.88		194,083.75	228,854.73
7/15/2019		30,751.97	30,751.97	2,306.40		33,058.37	
1/15/2020	162,775.55	30,751.97	193,527.51	2,306.40		195,833.91	228,892.28
7/15/2020		29,124.21	29,124.21	2,184.32		31,308.53	
1/15/2021	166,313.23	29,124.21	195,437.44	2,184.32		197,621.75	228,930.28
7/15/2021		27,461.08	27,461.08	2,059.58		29,520.66	
1/15/2022	169,927.75	27,461.08	197,388.83	2,059.58		199,448.41	228,969.07
7/15/2022		25,761.80	25,761.80	1,932.14		27,693.94	
1/15/2023	173,621.04	25,761.80	199,382.84	1,932.14		201,314.98	229,008.92
7/15/2023		24,025.59	24,025.59	1,801.92		25,827.51	
1/15/2024	177,394.04	24,025.59	201,419.63	1,801.92		203,221.55	229,049.06
7/15/2024		22,251.65	22,251.65	1,668.87		23,920.53	
1/15/2025	181,249.66	22,251.65	203,501.32	1,668.87		205,170.19	229,090.72
7/15/2025		20,439.16	20,439.16	1,532.94		21,972.09	
1/15/2026	185,188.85	20,439.16	205,628.01	1,532.94		207,160.94	229,133.04
7/15/2026		18,587.27	18,587.27	1,394.05		19,981.31	
1/15/2027	189,213.52	18,587.27	207,800.79	1,394.05		209,194.83	229,176.14
7/15/2027		16,695.13	16,695.13	1,252.13		17,947.27	
1/15/2028	193,326.59	16,695.13	210,021.73	1,252.13		211,273.86	229,221.13
7/15/2028		14,761.87	14,761.87	1,107.14		15,869.01	
1/15/2029	197,528.00	14,761.87	212,289.87	1,107.14		213,397.01	229,266.01
7/15/2029		12,786.59	12,786.59	958.99		13,745.58	
1/15/2030	201,820.65	12,786.59	214,607.24	958.99		215,566.23	229,311.81
7/15/2030		10,768.38	10,768.38	807.63		11,576.01	
1/15/2031	206,207.47	10,768.38	216,975.85	807.63		217,783.48	229,359.49
7/15/2031		8,706.30	8,706.30	652.97		9,359.28	
1/15/2032	210,689.38	8,706.30	219,395.68	652.97		220,048.66	229,407.93
7/15/2032		6,599.41	6,599.41	494.96		7,094.37	
1/15/2033	215,268.28	6,599.41	221,867.69	494.96		222,362.65	229,457.02
7/15/2033		4,446.73	4,446.73	333.50		4,780.23	
1/15/2034	219,946.10	4,446.73	224,392.83	333.50		224,726.33	229,506.56
7/15/2034		2,247.27	2,247.27	168.55		2,415.81	
1/15/2035	224,726.74	2,247.27	226,974.00	168.55		227,142.55	229,558.36
	3,543,040.82	719,979.01	4,263,019.83	53,998.43		4,317,018.26	4,125,010.86

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.

Massachusetts Clean Water Trust
Series 18
Malden Loan Amortization
CWP-13-25

Initial Loan Amount	3,938,961.00	Loan Origination Fee (\$5.50/1000)	21,142.43
Principal Forgiveness	(94,883.00)	Loan Term (in years)	20
Net Loan Obligation	3,844,078.00	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		40,149.26	40,149.26	3,011.19	21,142.43	64,302.88	
1/15/2016	155,497.00	38,440.78	193,937.78	2,883.06		196,820.84	261,123.72
7/15/2016		36,885.81	36,885.81	2,766.44		39,652.25	
1/15/2017	158,876.00	36,885.81	195,761.81	2,766.44		198,528.25	238,180.49
7/15/2017		35,297.05	35,297.05	2,647.28		37,944.33	
1/15/2018	162,329.00	35,297.05	197,626.05	2,647.28		200,273.33	238,217.66
7/15/2018		33,673.76	33,673.76	2,525.53		36,199.29	
1/15/2019	165,857.00	33,673.76	199,530.76	2,525.53		202,056.29	238,255.58
7/15/2019		32,015.19	32,015.19	2,401.14		34,416.33	
1/15/2020	169,462.00	32,015.19	201,477.19	2,401.14		203,878.33	238,294.66
7/15/2020		30,320.57	30,320.57	2,274.04		32,594.61	
1/15/2021	173,145.00	30,320.57	203,465.57	2,274.04		205,739.61	238,334.23
7/15/2021		28,589.12	28,589.12	2,144.18		30,733.30	
1/15/2022	176,908.00	28,589.12	205,497.12	2,144.18		207,641.30	238,374.61
7/15/2022		26,820.04	26,820.04	2,011.50		28,831.54	
1/15/2023	180,753.00	26,820.04	207,573.04	2,011.50		209,584.54	238,416.09
7/15/2023		25,012.51	25,012.51	1,875.94		26,888.45	
1/15/2024	184,681.00	25,012.51	209,693.51	1,875.94		211,569.45	238,457.90
7/15/2024		23,165.70	23,165.70	1,737.43		24,903.13	
1/15/2025	188,695.00	23,165.70	211,860.70	1,737.43		213,598.13	238,501.26
7/15/2025		21,278.75	21,278.75	1,595.91		22,874.66	
1/15/2026	192,796.00	21,278.75	214,074.75	1,595.91		215,670.66	238,545.31
7/15/2026		19,350.79	19,350.79	1,451.31		20,802.10	
1/15/2027	196,986.00	19,350.79	216,336.79	1,451.31		217,788.10	238,590.20
7/15/2027		17,380.93	17,380.93	1,303.57		18,684.50	
1/15/2028	201,268.00	17,380.93	218,648.93	1,303.57		219,952.50	238,637.00
7/15/2028		15,368.25	15,368.25	1,152.62		16,520.87	
1/15/2029	205,642.00	15,368.25	221,010.25	1,152.62		222,162.87	238,683.74
7/15/2029		13,311.83	13,311.83	998.39		14,310.22	
1/15/2030	210,111.00	13,311.83	223,422.83	998.39		224,421.22	238,731.43
7/15/2030		11,210.72	11,210.72	840.80		12,051.52	
1/15/2031	214,678.00	11,210.72	225,888.72	840.80		226,729.52	238,781.05
7/15/2031		9,063.94	9,063.94	679.80		9,743.74	
1/15/2032	219,344.00	9,063.94	228,407.94	679.80		229,087.74	238,831.47
7/15/2032		6,870.50	6,870.50	515.29		7,385.79	
1/15/2033	224,111.00	6,870.50	230,981.50	515.29		231,496.79	238,882.58
7/15/2033		4,629.39	4,629.39	347.20		4,976.59	
1/15/2034	228,981.00	4,629.39	233,610.39	347.20		233,957.59	238,934.19
7/15/2034		2,339.58	2,339.58	175.47		2,515.05	
1/15/2035	233,958.00	2,339.58	236,297.58	175.47		236,473.05	238,988.10
7/15/2035							
	3,844,078.00	863,758.90	4,707,836.90	64,781.92	21,142.43	4,793,761.25	4,793,761.25

Notes:

**This project may qualify for principal forgiveness in accordance with schedule B to the Loan Agreement.

Massachusetts Water Pollution Abatement Trust
Pool 19 Swap
MALDEN Reamortization
DWP-13-18

Original Loan Amount	2,911,527.00	Loan Origination Fee (\$7.5/1000)	0.00
Principal Forgiveness	121,464.00	Loan Term (In years)	18
Principal Paid Down	228,175.00	Loan Rate	2.00%
Outstanding Loan Obligation	2,561,888.00	Closing Date	2/21/2018
Remaining Balance	(978,193.50)	First Payment	7/15/2018
Net New Loan Obligation	1,583,694.50		

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
2/21/2018							
7/15/2018		17,793.33	17,793.33	1,334.50		19,127.83	
1/15/2019	72,833.39	15,836.95	88,670.34	1,187.77		89,858.11	108,985.94
7/15/2019		15,108.61	15,108.61	1,133.15		16,241.76	
1/15/2020	74,416.67	15,108.61	89,525.28	1,133.15		90,658.42	106,900.18
7/15/2020		14,364.44	14,364.44	1,077.33		15,441.78	
1/15/2021	76,033.70	14,364.44	90,398.14	1,077.33		91,475.47	106,917.25
7/15/2021		13,604.11	13,604.11	1,020.31		14,624.42	
1/15/2022	77,686.01	13,604.11	91,290.12	1,020.31		92,310.43	106,934.84
7/15/2022		12,827.25	12,827.25	962.04		13,789.29	
1/15/2023	79,374.15	12,827.25	92,201.39	962.04		93,163.44	106,952.73
7/15/2023		12,033.51	12,033.51	902.51		12,936.02	
1/15/2024	81,099.61	12,033.51	93,133.12	902.51		94,035.63	106,971.65
7/15/2024		11,222.51	11,222.51	841.69		12,064.20	
1/15/2025	82,861.92	11,222.51	94,084.43	841.69		94,926.12	106,990.32
7/15/2025		10,393.89	10,393.89	779.54		11,173.43	
1/15/2026	84,662.57	10,393.89	95,056.46	779.54		95,836.01	107,009.44
7/15/2026		9,547.26	9,547.26	716.04		10,263.31	
1/15/2027	86,503.05	9,547.26	96,050.31	716.04		96,766.36	107,029.67
7/15/2027		8,682.23	8,682.23	651.17		9,333.40	
1/15/2028	88,382.82	8,682.23	97,065.05	651.17		97,716.22	107,049.62
7/15/2028		7,798.41	7,798.41	584.88		8,383.29	
1/15/2029	90,304.35	7,798.41	98,102.76	584.88		98,687.64	107,070.93
7/15/2029		6,895.36	6,895.36	517.15		7,412.51	
1/15/2030	92,267.10	6,895.36	99,162.47	517.15		99,679.62	107,092.13
7/15/2030		5,972.69	5,972.69	447.95		6,420.64	
1/15/2031	94,271.51	5,972.69	100,244.20	447.95		100,692.15	107,112.79
7/15/2031		5,029.98	5,029.98	377.25		5,407.22	
1/15/2032	96,320.99	5,029.98	101,350.97	377.25		101,728.21	107,135.44
7/15/2032		4,066.77	4,066.77	305.01		4,371.77	
1/15/2033	98,413.97	4,066.77	102,480.73	305.01		102,785.74	107,157.52
7/15/2033		3,082.63	3,082.63	231.20		3,313.82	
1/15/2034	100,552.84	3,082.63	103,635.47	231.20		103,866.67	107,180.49
7/15/2034		2,077.10	2,077.10	155.78		2,232.88	
1/15/2035	102,738.01	2,077.10	104,815.11	155.78		104,970.89	107,203.77
7/15/2035		1,049.72	1,049.72	78.73		1,128.45	
1/15/2036	104,971.84	1,049.72	106,021.55	78.73		106,100.28	107,228.73
7/15/2036							
	1,583,694.50	321,143.20	1,904,837.70	24,085.74		1,928,923.44	1,928,923.44

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.

SWAP

Prepared by Public Financial Management, Inc.

Massachusetts Clean Water Trust
Series 19
Malden Loan Amortization
DWP-13-18

Initial Loan Amount	2,911,527.00	Loan Origination Fee (\$5.50/1000)	15,345.35
Principal Forgiveness	(121,464.00)	Loan Term (in years)	20
Net Loan Obligation	2,790,063.00	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		23,870.54	23,870.54	1,790.29	15,345.35	41,006.18	
1/15/2017	112,861.00	27,900.63	140,761.63	2,092.55		142,854.18	183,860.35
7/15/2017		26,772.02	26,772.02	2,007.90		28,779.92	
1/15/2018	115,314.00	26,772.02	142,086.02	2,007.90		144,093.92	172,873.84
7/15/2018		25,618.88	25,618.88	1,921.42		27,540.30	
1/15/2019	117,820.00	25,618.88	143,438.88	1,921.42		145,360.30	172,900.59
7/15/2019		24,440.68	24,440.68	1,833.05		26,273.73	
1/15/2020	120,381.00	24,440.68	144,821.68	1,833.05		146,654.73	172,928.46
7/15/2020		23,236.87	23,236.87	1,742.77		24,979.64	
1/15/2021	122,997.00	23,236.87	146,233.87	1,742.77		147,976.64	172,956.27
7/15/2021		22,006.90	22,006.90	1,650.52		23,657.42	
1/15/2022	125,670.00	22,006.90	147,676.90	1,650.52		149,327.42	172,984.84
7/15/2022		20,750.20	20,750.20	1,556.27		22,306.47	
1/15/2023	128,401.00	20,750.20	149,151.20	1,556.27		150,707.47	173,013.93
7/15/2023		19,466.19	19,466.19	1,459.96		20,926.15	
1/15/2024	131,192.00	19,466.19	150,658.19	1,459.96		152,118.15	173,044.31
7/15/2024		18,154.27	18,154.27	1,361.57		19,515.84	
1/15/2025	134,043.00	18,154.27	152,197.27	1,361.57		153,558.84	173,074.68
7/15/2025		16,813.84	16,813.84	1,261.04		18,074.88	
1/15/2026	136,956.00	16,813.84	153,769.84	1,261.04		155,030.88	173,105.76
7/15/2026		15,444.28	15,444.28	1,158.32		16,602.60	
1/15/2027	139,933.00	15,444.28	155,377.28	1,158.32		156,535.60	173,138.20
7/15/2027		14,044.95	14,044.95	1,053.37		15,098.32	
1/15/2028	142,974.00	14,044.95	157,018.95	1,053.37		158,072.32	173,170.64
7/15/2028		12,615.21	12,615.21	946.14		13,561.35	
1/15/2029	146,082.00	12,615.21	158,697.21	946.14		159,643.35	173,204.70
7/15/2029		11,154.39	11,154.39	836.58		11,990.97	
1/15/2030	149,257.00	11,154.39	160,411.39	836.58		161,247.97	173,238.94
7/15/2030		9,661.82	9,661.82	724.64		10,386.46	
1/15/2031	152,500.00	9,661.82	162,161.82	724.64		162,886.46	173,272.91
7/15/2031		8,136.82	8,136.82	610.26		8,747.08	
1/15/2032	155,815.00	8,136.82	163,951.82	610.26		164,562.08	173,309.16
7/15/2032		6,578.67	6,578.67	493.40		7,072.07	
1/15/2033	159,201.00	6,578.67	165,779.67	493.40		166,273.07	173,345.14
7/15/2033		4,986.66	4,986.66	374.00		5,360.66	
1/15/2034	162,661.00	4,986.66	167,647.66	374.00		168,021.66	173,382.32
7/15/2034		3,360.05	3,360.05	252.00		3,612.05	
1/15/2035	166,196.00	3,360.05	169,556.05	252.00		169,808.05	173,420.11
7/15/2035		1,698.09	1,698.09	127.36		1,825.45	
1/15/2036	169,809.00	1,698.09	171,507.09	127.36		171,634.45	173,459.89
7/15/2036							
	2,790,063.00	621,652.75	3,411,715.75	46,623.96	15,345.35	3,473,685.05	3,473,685.05

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
Pool 18-2016 Swap
MALDEN Reamortization
DWP-12-04

Original Loan Amount	6,739,087.00	Loan Origination Fee (\$7.5/1000)	0.00
Principal Forgiveness	673,971.00	Loan Term (in years)	18
Principal Paid Down	245,340.00	Loan Rate	2.00%
Outstanding Loan Obligation	5,819,776.00	Closing Date	12/16/2016
Remaining Balance	(118,354.92)	First Payment	1/15/2017
Net New Loan Obligation	5,701,421.08		

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
12/16/2016							
1/15/2017	245,574.16	58,007.08	303,581.24	4,350.53		307,931.77	
7/15/2017		54,558.47	54,558.47	4,091.89		58,650.35	
1/15/2018	250,911.37	54,558.47	305,469.84	4,091.89		309,561.72	368,212.07
7/15/2018		52,049.36	52,049.36	3,903.70		55,953.06	
1/15/2019	256,365.16	52,049.36	308,414.52	3,903.70		312,318.22	368,271.28
7/15/2019		49,485.70	49,485.70	3,711.43		53,197.13	
1/15/2020	261,936.50	49,485.70	311,422.20	3,711.43		315,133.63	368,330.76
7/15/2020		46,866.34	46,866.34	3,514.98		50,381.31	
1/15/2021	267,629.32	46,866.34	314,495.66	3,514.98		318,010.64	368,391.95
7/15/2021		44,190.05	44,190.05	3,314.25		47,504.30	
1/15/2022	273,445.58	44,190.05	317,635.62	3,314.25		320,949.88	368,454.18
7/15/2022		41,455.59	41,455.59	3,109.17		44,564.76	
1/15/2023	279,389.21	41,455.59	320,844.80	3,109.17		323,953.97	368,518.73
7/15/2023		38,661.70	38,661.70	2,899.63		41,561.33	
1/15/2024	285,461.16	38,661.70	324,122.86	2,899.63		327,022.48	368,583.81
7/15/2024		35,807.09	35,807.09	2,685.53		38,492.62	
1/15/2025	291,665.37	35,807.09	327,472.46	2,685.53		330,157.99	368,650.60
7/15/2025		32,890.43	32,890.43	2,466.78		35,357.21	
1/15/2026	298,003.78	32,890.43	330,894.21	2,466.78		333,360.99	368,718.21
7/15/2026		29,910.39	29,910.39	2,243.28		32,153.67	
1/15/2027	304,480.33	29,910.39	334,390.73	2,243.28		336,634.00	368,787.68
7/15/2027		26,865.59	26,865.59	2,014.92		28,880.51	
1/15/2028	311,097.96	26,865.59	337,963.55	2,014.92		339,978.47	368,858.98
7/15/2028		23,754.61	23,754.61	1,781.60		25,536.21	
1/15/2029	317,859.60	23,754.61	341,614.21	1,781.60		343,395.81	368,932.02
7/15/2029		20,576.02	20,576.02	1,543.20		22,119.22	
1/15/2030	324,768.20	20,576.02	345,344.21	1,543.20		346,887.41	369,006.63
7/15/2030		17,328.33	17,328.33	1,299.63		18,627.96	
1/15/2031	331,826.67	17,328.33	349,155.01	1,299.63		350,454.63	369,082.59
7/15/2031		14,010.07	14,010.07	1,050.76		15,060.82	
1/15/2032	339,037.96	14,010.07	353,048.03	1,050.76		354,098.79	369,159.61
7/15/2032		10,619.69	10,619.69	796.48		11,416.16	
1/15/2033	346,407.00	10,619.69	357,026.69	796.48		357,823.17	369,239.33
7/15/2033		7,155.62	7,155.62	536.67		7,692.29	
1/15/2034	353,934.71	7,155.62	361,090.33	536.67		361,627.00	369,319.29
7/15/2034		3,616.27	3,616.27	271.22		3,887.49	
1/15/2035	361,627.03	3,616.27	365,243.30	271.22		365,514.52	369,402.01
	5,701,421.08	1,157,609.70	6,859,030.78	86,820.73		6,945,851.50	6,637,919.73

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 accrue at the Discount Rate set forth in the Loan Agreement only on that portion of the Loan that has been disbursed to or for the account of the Borrower, payable on the date of such refinancing. Thereafter, Loan Repayments shall be payable on the Loan in accordance.

Massachusetts Clean Water Trust
Series 18
Malden Loan Amortization
DWP-12-04

Initial Loan Amount	6,739,087.00	Loan Origination Fee (\$5.50/1000)	33,358.14
Principal Forgiveness	(673,971.00)	Loan Term (in years)	20
Net Loan Obligation	6,065,116.00	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		63,346.77	63,346.77	4,751.01	33,358.14	101,455.91	
1/15/2016	245,340.00	60,651.16	305,991.16	4,548.84		310,540.00	411,995.91
7/15/2016		58,197.76	58,197.76	4,364.83		62,562.59	
1/15/2017	250,672.00	58,197.76	308,869.76	4,364.83		313,234.59	375,797.18
7/15/2017		55,691.04	55,691.04	4,176.83		59,867.87	
1/15/2018	256,120.00	55,691.04	311,811.04	4,176.83		315,987.87	375,855.74
7/15/2018		53,129.84	53,129.84	3,984.74		57,114.58	
1/15/2019	261,687.00	53,129.84	314,816.84	3,984.74		318,801.58	375,916.16
7/15/2019		50,512.97	50,512.97	3,788.47		54,301.44	
1/15/2020	267,374.00	50,512.97	317,886.97	3,788.47		321,675.44	375,976.89
7/15/2020		47,839.23	47,839.23	3,587.94		51,427.17	
1/15/2021	273,185.00	47,839.23	321,024.23	3,587.94		324,612.17	376,039.34
7/15/2021		45,107.38	45,107.38	3,383.05		48,490.43	
1/15/2022	279,122.00	45,107.38	324,229.38	3,383.05		327,612.43	376,102.87
7/15/2022		42,316.16	42,316.16	3,173.71		45,489.87	
1/15/2023	285,189.00	42,316.16	327,505.16	3,173.71		330,678.87	376,168.74
7/15/2023		39,464.27	39,464.27	2,959.82		42,424.09	
1/15/2024	291,387.00	39,464.27	330,851.27	2,959.82		333,811.09	376,235.18
7/15/2024		36,550.40	36,550.40	2,741.28		39,291.68	
1/15/2025	297,720.00	36,550.40	334,270.40	2,741.28		337,011.68	376,303.36
7/15/2025		33,573.20	33,573.20	2,517.99		36,091.19	
1/15/2026	304,190.00	33,573.20	337,763.20	2,517.99		340,281.19	376,372.38
7/15/2026		30,531.30	30,531.30	2,289.85		32,821.15	
1/15/2027	310,801.00	30,531.30	341,332.30	2,289.85		343,622.15	376,443.30
7/15/2027		27,423.29	27,423.29	2,056.75		29,480.04	
1/15/2028	317,556.00	27,423.29	344,979.29	2,056.75		347,036.04	376,516.07
7/15/2028		24,247.73	24,247.73	1,818.58		26,066.31	
1/15/2029	324,458.00	24,247.73	348,705.73	1,818.58		350,524.31	376,590.62
7/15/2029		21,003.15	21,003.15	1,575.24		22,578.39	
1/15/2030	331,510.00	21,003.15	352,513.15	1,575.24		354,088.39	376,666.77
7/15/2030		17,688.05	17,688.05	1,326.60		19,014.65	
1/15/2031	338,715.00	17,688.05	356,403.05	1,326.60		357,729.65	376,744.31
7/15/2031		14,300.90	14,300.90	1,072.57		15,373.47	
1/15/2032	346,076.00	14,300.90	360,376.90	1,072.57		361,449.47	376,822.94
7/15/2032		10,840.14	10,840.14	813.01		11,653.15	
1/15/2033	353,598.00	10,840.14	364,438.14	813.01		365,251.15	376,904.30
7/15/2033		7,304.16	7,304.16	547.81		7,851.97	
1/15/2034	361,282.00	7,304.16	368,586.16	547.81		369,133.97	376,985.94
7/15/2034		3,691.34	3,691.34	276.85		3,968.19	
1/15/2035	369,134.00	3,691.34	372,825.34	276.85		373,102.19	377,070.38
7/15/2035							
	6,065,116.00	1,362,822.55	7,427,938.55	102,211.69	33,358.14	7,563,508.38	7,563,508.38

Notes:

**This project may qualify for principal forgiveness in accordance with schedule B to the Loan Agreement.

Massachusetts Clean Water Trust
Series 18
Malden Loan Amortization
DWP-11-16

Initial Loan Amount	300,000.00	Loan Origination Fee (\$5.50/1000)	1,489.94
Principal Forgiveness	(29,101.00)	Loan Term (in years)	20
Net Loan Obligation	270,899.00	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		2,829.39	2,829.39	212.20	1,489.94	4,531.54	
1/15/2016	10,958.00	2,708.99	13,666.99	203.17		13,870.16	18,401.70
7/15/2016		2,599.41	2,599.41	194.96		2,794.37	
1/15/2017	11,196.00	2,599.41	13,795.41	194.96		13,990.37	16,784.73
7/15/2017		2,487.45	2,487.45	186.56		2,674.01	
1/15/2018	11,440.00	2,487.45	13,927.45	186.56		14,114.01	16,788.02
7/15/2018		2,373.05	2,373.05	177.98		2,551.03	
1/15/2019	11,688.00	2,373.05	14,061.05	177.98		14,239.03	16,790.06
7/15/2019		2,256.17	2,256.17	169.21		2,425.38	
1/15/2020	11,942.00	2,256.17	14,198.17	169.21		14,367.38	16,792.77
7/15/2020		2,136.75	2,136.75	160.26		2,297.01	
1/15/2021	12,202.00	2,136.75	14,338.75	160.26		14,499.01	16,796.01
7/15/2021		2,014.73	2,014.73	151.10		2,165.83	
1/15/2022	12,467.00	2,014.73	14,481.73	151.10		14,632.83	16,798.67
7/15/2022		1,890.06	1,890.06	141.75		2,031.81	
1/15/2023	12,738.00	1,890.06	14,628.06	141.75		14,769.81	16,801.63
7/15/2023		1,762.68	1,762.68	132.20		1,894.88	
1/15/2024	13,015.00	1,762.68	14,777.68	132.20		14,909.88	16,804.76
7/15/2024		1,632.53	1,632.53	122.44		1,754.97	
1/15/2025	13,298.00	1,632.53	14,930.53	122.44		15,052.97	16,807.94
7/15/2025		1,499.55	1,499.55	112.47		1,612.02	
1/15/2026	13,587.00	1,499.55	15,086.55	112.47		15,199.02	16,811.03
7/15/2026		1,363.68	1,363.68	102.28		1,465.96	
1/15/2027	13,882.00	1,363.68	15,245.68	102.28		15,347.96	16,813.91
7/15/2027		1,224.86	1,224.86	91.86		1,316.72	
1/15/2028	14,184.00	1,224.86	15,408.86	91.86		15,500.72	16,817.45
7/15/2028		1,083.02	1,083.02	81.23		1,164.25	
1/15/2029	14,492.00	1,083.02	15,575.02	81.23		15,656.25	16,820.49
7/15/2029		938.10	938.10	70.36		1,008.46	
1/15/2030	14,807.00	938.10	15,745.10	70.36		15,815.46	16,823.92
7/15/2030		790.03	790.03	59.25		849.28	
1/15/2031	15,129.00	790.03	15,919.03	59.25		15,978.28	16,827.56
7/15/2031		638.74	638.74	47.91		686.65	
1/15/2032	15,457.00	638.74	16,095.74	47.91		16,143.65	16,830.29
7/15/2032		484.17	484.17	36.31		520.48	
1/15/2033	15,793.00	484.17	16,277.17	36.31		16,313.48	16,833.97
7/15/2033		326.24	326.24	24.47		350.71	
1/15/2034	16,137.00	326.24	16,463.24	24.47		16,487.71	16,838.42
7/15/2034		164.87	164.87	12.37		177.24	
1/15/2035	16,487.00	164.87	16,651.87	12.37		16,664.24	16,841.47
7/15/2035							
	270,899.00	60,870.56	331,769.56	4,565.29	1,489.94	337,824.80	337,824.80

Notes:

**This project may qualify for principal forgiveness in accordance with schedule B to the Loan Agreement.

Massachusetts Water Pollution Abatement Trust
Pool 17 Swap
MALDEN Reamortization
DWP-11-18

Original Loan Amount	6,750,000.00	Loan Origination Fee (\$7.5/1000)	0.00
Principal Forgiveness	654,774.00	Loan Term (in years)	15
Principal Paid Down	1,287,554.00	Loan Rate	2.00%
Outstanding Loan Obligation	4,807,672.00	Closing Date	2/21/2018
Remaining Balance	(271,502.68)	First Payment	7/15/2018
Net New Loan Obligation	4,536,169.32		

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
2/21/2018							
7/15/2018		45,904.69	45,904.69	3,442.85		49,347.54	
1/15/2019	259,036.89	45,361.68	304,398.57	3,402.13		307,800.70	357,148.24
7/15/2019		42,771.31	42,771.31	3,207.85		45,979.16	
1/15/2020	264,666.93	42,771.31	307,438.24	3,207.85		310,646.09	356,625.26
7/15/2020		40,124.64	40,124.64	3,009.35		43,133.99	
1/15/2021	270,418.65	40,124.64	310,543.29	3,009.35		313,552.64	356,686.63
7/15/2021		37,420.46	37,420.46	2,806.53		40,226.99	
1/15/2022	276,295.88	37,420.46	313,716.34	2,806.53		316,522.87	356,749.87
7/15/2022		34,657.50	34,657.50	2,599.31		37,256.81	
1/15/2023	282,301.47	34,657.50	316,958.97	2,599.31		319,558.28	356,815.09
7/15/2023		31,834.49	31,834.49	2,387.59		34,222.07	
1/15/2024	288,436.24	31,834.49	320,270.73	2,387.59		322,658.32	356,880.39
7/15/2024		28,950.12	28,950.12	2,171.26		31,121.38	
1/15/2025	294,705.04	28,950.12	323,655.16	2,171.26		325,826.42	356,947.80
7/15/2025		26,003.07	26,003.07	1,950.23		27,953.30	
1/15/2026	301,110.68	26,003.07	327,113.75	1,950.23		329,063.98	357,017.29
7/15/2026		22,991.97	22,991.97	1,724.40		24,716.36	
1/15/2027	307,654.99	22,991.97	330,646.96	1,724.40		332,371.35	357,087.72
7/15/2027		19,915.42	19,915.42	1,493.66		21,409.07	
1/15/2028	314,340.79	19,915.42	334,256.20	1,493.66		335,749.86	357,158.93
7/15/2028		16,772.01	16,772.01	1,257.90		18,029.91	
1/15/2029	321,172.89	16,772.01	337,944.89	1,257.90		339,202.79	357,232.70
7/15/2029		13,560.28	13,560.28	1,017.02		14,577.30	
1/15/2030	328,153.10	13,560.28	341,713.38	1,017.02		342,730.40	357,307.70
7/15/2030		10,278.75	10,278.75	770.91		11,049.65	
1/15/2031	335,285.23	10,278.75	345,563.98	770.91		346,334.88	357,384.54
7/15/2031		6,925.90	6,925.90	519.44		7,445.34	
1/15/2032	342,572.08	6,925.90	349,497.98	519.44		350,017.42	357,462.76
7/15/2032		3,500.17	3,500.17	262.51		3,762.69	
1/15/2033	350,018.46	3,500.17	353,517.63	262.51		353,780.15	357,542.84
7/15/2033							
	4,536,169.32	762,678.54	5,298,846.86	57,200.89		5,356,047.75	5,356,047.75

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.

Swap

Massachusetts Water Pollution Abatement Trust

Series 17A
MALDEN Loan Amortization
DWP-11-18

Initial Loan Amount	6,750,000.00	Loan Origination Fee (\$5.50/1000)	33,523.74
Principal Forgiveness	(654,774.00)	Loan Term (in years)	20
Net Loan Obligation	6,095,226.00	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		17,947.05	17,947.05	1,346.03	33,523.74	52,816.83	
1/15/2014	246,558.00	60,952.26	307,510.26	4,571.42		312,081.68	364,898.51
7/15/2014		58,486.68	58,486.68	4,386.50		62,873.18	
1/15/2015	251,917.00	58,486.68	310,403.68	4,386.50		314,790.18	377,663.36
7/15/2015		55,967.51	55,967.51	4,197.56		60,165.07	
1/15/2016	257,392.00	55,967.51	313,359.51	4,197.56		317,557.07	377,722.15
7/15/2016		53,393.59	53,393.59	4,004.52		57,398.11	
1/15/2017	262,986.00	53,393.59	316,379.59	4,004.52		320,384.11	377,782.22
7/15/2017		50,763.73	50,763.73	3,807.28		54,571.01	
1/15/2018	268,701.00	50,763.73	319,464.73	3,807.28		323,272.01	377,843.02
7/15/2018		48,076.72	48,076.72	3,605.75		51,682.47	
1/15/2019	274,541.00	48,076.72	322,617.72	3,605.75		326,223.47	377,905.95
7/15/2019		45,331.31	45,331.31	3,399.85		48,731.16	
1/15/2020	280,508.00	45,331.31	325,839.31	3,399.85		329,239.16	377,970.32
7/15/2020		42,526.23	42,526.23	3,189.47		45,715.70	
1/15/2021	286,605.00	42,526.23	329,131.23	3,189.47		332,320.70	378,036.39
7/15/2021		39,660.18	39,660.18	2,974.51		42,634.69	
1/15/2022	292,833.00	39,660.18	332,493.18	2,974.51		335,467.69	378,102.39
7/15/2022		36,731.85	36,731.85	2,754.89		39,486.74	
1/15/2023	299,198.00	36,731.85	335,929.85	2,754.89		338,684.74	378,171.48
7/15/2023		33,739.87	33,739.87	2,530.49		36,270.36	
1/15/2024	305,700.00	33,739.87	339,439.87	2,530.49		341,970.36	378,240.72
7/15/2024		30,682.87	30,682.87	2,301.22		32,984.09	
1/15/2025	312,344.00	30,682.87	343,026.87	2,301.22		345,328.09	378,312.17
7/15/2025		27,559.43	27,559.43	2,066.96		29,626.39	
1/15/2026	319,133.00	27,559.43	346,692.43	2,066.96		348,759.39	378,385.77
7/15/2026		24,368.10	24,368.10	1,827.61		26,195.71	
1/15/2027	326,069.00	24,368.10	350,437.10	1,827.61		352,264.71	378,460.42
7/15/2027		21,107.41	21,107.41	1,583.06		22,690.47	
1/15/2028	333,155.00	21,107.41	354,262.41	1,583.06		355,845.47	378,535.93
7/15/2028		17,775.86	17,775.86	1,333.19		19,109.05	
1/15/2029	340,396.00	17,775.86	358,171.86	1,333.19		359,505.05	378,614.10
7/15/2029		14,371.90	14,371.90	1,077.89		15,449.79	
1/15/2030	347,794.00	14,371.90	362,165.90	1,077.89		363,243.79	378,693.59
7/15/2030		10,893.96	10,893.96	817.05		11,711.01	
1/15/2031	355,353.00	10,893.96	366,246.96	817.05		367,064.01	378,775.01
7/15/2031		7,340.43	7,340.43	550.53		7,890.96	
1/15/2032	363,076.00	7,340.43	370,416.43	550.53		370,966.96	378,857.92
7/15/2032		3,709.67	3,709.67	278.23		3,987.90	
1/15/2033	370,967.00	3,709.67	374,676.67	278.23		374,954.90	378,942.79
7/15/2033							
	6,095,226.00	1,323,873.91	7,419,099.91	99,290.54	33,523.74	7,551,914.20	7,551,914.20

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 Water Pollution Abatement Trust
Series 16
Malden Loan Amortization
CWP-10-16

Initial Loan Amount	500,000.00	Loan Origination Fee (\$5.57/1000)	2,184.82
Principal Forgiveness	(107,752.00)	Loan Term (in years)	20
Net Loan Obligation	392,248.00	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		4,619.81	4,619.81	294.19	2,184.82	7,098.82	7,098.82
7/15/2013	15,867.00	3,922.48	19,789.48	294.19		20,083.67	
1/15/2014		3,763.81	3,763.81	282.29		4,046.10	24,129.76
7/15/2014	16,212.00	3,763.81	19,975.81	282.29		20,258.10	
1/15/2015		3,601.69	3,601.69	270.13		3,871.82	24,129.91
7/15/2015	16,564.00	3,601.69	20,165.69	270.13		20,435.82	
1/15/2016		3,436.05	3,436.05	257.70		3,693.75	24,129.57
7/15/2016	16,924.00	3,436.05	20,360.05	257.70		20,617.75	
1/15/2017		3,266.81	3,266.81	245.01		3,511.82	24,129.57
7/15/2017	17,292.00	3,266.81	20,558.81	245.01		20,803.82	
1/15/2018		3,093.89	3,093.89	232.04		3,325.93	24,129.75
7/15/2018	17,668.00	3,093.89	20,761.89	232.04		20,993.93	
1/15/2019		2,917.21	2,917.21	218.79		3,136.00	24,129.93
7/15/2019	18,052.00	2,917.21	20,969.21	218.79		21,188.00	
1/15/2020		2,736.69	2,736.69	205.25		2,941.94	24,129.94
7/15/2020	18,444.00	2,736.69	21,180.69	205.25		21,385.94	
1/15/2021		2,552.25	2,552.25	191.42		2,743.67	24,129.61
7/15/2021	18,845.00	2,552.25	21,397.25	191.42		21,588.67	
1/15/2022		2,363.80	2,363.80	177.29		2,541.09	24,129.75
7/15/2022	19,254.00	2,363.80	21,617.80	177.29		21,795.09	
1/15/2023		2,171.26	2,171.26	162.84		2,334.10	24,129.19
7/15/2023	19,673.00	2,171.26	21,844.26	162.84		22,007.10	
1/15/2024		1,974.53	1,974.53	148.09		2,122.62	24,129.72
7/15/2024	20,100.00	1,974.53	22,074.53	148.09		22,222.62	
1/15/2025		1,773.53	1,773.53	133.01		1,906.54	24,129.16
7/15/2025	20,537.00	1,773.53	22,310.53	133.01		22,443.54	
1/15/2026		1,568.16	1,568.16	117.61		1,685.77	24,129.32
7/15/2026	20,983.00	1,568.16	22,551.16	117.61		22,668.77	
1/15/2027		1,358.33	1,358.33	101.87		1,460.20	24,128.98
7/15/2027	21,440.00	1,358.33	22,798.33	101.87		22,900.20	
1/15/2028		1,143.93	1,143.93	85.79		1,229.72	24,129.93
7/15/2028	21,905.00	1,143.93	23,048.93	85.79		23,134.72	
1/15/2029		924.88	924.88	69.37		994.25	24,128.97
7/15/2029	22,382.00	924.88	23,306.88	69.37		23,376.25	
1/15/2030		701.06	701.06	52.58		753.64	24,129.89
7/15/2030	22,868.00	701.06	23,569.06	52.58		23,621.64	
1/15/2031		472.38	472.38	35.43		507.81	24,129.45
7/15/2031	23,365.00	472.38	23,837.38	35.43		23,872.81	
1/15/2032		238.73	238.73	17.90		256.63	24,129.44
7/15/2032	23,873.00	238.73	24,111.73	17.90		24,129.63	
1/15/2033							24,129.63
	392,248.00	88,660.27	480,908.27	6,597.22	2,184.82	489,690.31	489,690.31

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 Clean Water Trust
Pool 18-2016 Swap
MALDEN Reamortization
DW-10-07

Original Loan Amount	918,658.00	Loan Origination Fee (\$7.5/1000)	0.00
Principal Forgiveness	-	Loan Term (in years)	18
Principal Paid Down	37,161.00	Loan Rate	2.00%
Outstanding Loan Obligation	881,497.00	Closing Date	12/16/2016
Remaining Balance	(540,484.95)	First Payment	1/15/2017
Net New Loan Obligation	341,012.05		

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
12/16/2016							
1/15/2017	14,687.97	7,944.19	22,632.16	595.81		23,227.98	
7/15/2017		3,263.24	3,263.24	244.74		3,507.98	
1/15/2018	15,008.01	3,263.24	18,271.26	244.74		18,516.00	22,023.98
7/15/2018		3,113.16	3,113.16	233.49		3,346.65	
1/15/2019	15,334.06	3,113.16	18,447.22	233.49		18,680.71	22,027.35
7/15/2019		2,959.82	2,959.82	221.99		3,181.81	
1/15/2020	15,666.87	2,959.82	18,626.69	221.99		18,848.67	22,030.48
7/15/2020		2,803.15	2,803.15	210.24		3,013.39	
1/15/2021	16,007.20	2,803.15	18,810.35	210.24		19,020.58	22,033.97
7/15/2021		2,643.08	2,643.08	198.23		2,841.31	
1/15/2022	16,355.80	2,643.08	18,998.88	198.23		19,197.11	22,038.42
7/15/2022		2,479.52	2,479.52	185.96		2,665.49	
1/15/2023	16,710.41	2,479.52	19,189.93	185.96		19,375.90	22,041.38
7/15/2023		2,312.42	2,312.42	173.43		2,485.85	
1/15/2024	17,073.79	2,312.42	19,386.20	173.43		19,559.63	22,045.48
7/15/2024		2,141.68	2,141.68	160.63		2,302.31	
1/15/2025	17,444.65	2,141.68	19,586.33	160.63		19,746.95	22,049.26
7/15/2025		1,967.23	1,967.23	147.54		2,114.78	
1/15/2026	17,823.73	1,967.23	19,790.96	147.54		19,938.50	22,053.28
7/15/2026		1,789.00	1,789.00	134.17		1,923.17	
1/15/2027	18,211.74	1,789.00	20,000.74	134.17		20,134.91	22,058.09
7/15/2027		1,606.88	1,606.88	120.52		1,727.39	
1/15/2028	18,607.42	1,606.88	20,214.30	120.52		20,334.81	22,062.21
7/15/2028		1,420.80	1,420.80	106.56		1,527.36	
1/15/2029	19,011.46	1,420.80	20,432.26	106.56		20,538.82	22,066.19
7/15/2029		1,230.69	1,230.69	92.30		1,322.99	
1/15/2030	19,424.57	1,230.69	20,655.26	92.30		20,747.56	22,070.55
7/15/2030		1,036.44	1,036.44	77.73		1,114.18	
1/15/2031	19,847.45	1,036.44	20,883.89	77.73		20,961.62	22,075.80
7/15/2031		837.97	837.97	62.85		900.82	
1/15/2032	20,278.78	837.97	21,116.75	62.85		21,179.60	22,080.42
7/15/2032		635.18	635.18	47.64		682.82	
1/15/2033	20,719.26	635.18	21,354.44	47.64		21,402.08	22,084.90
7/15/2033		427.99	427.99	32.10		460.09	
1/15/2034	21,169.55	427.99	21,597.54	32.10		21,629.64	22,089.73
7/15/2034		216.29	216.29	16.22		232.52	
1/15/2035	21,629.34	216.29	21,845.63	16.22		21,861.85	22,094.37
	341,012.05	73,713.28	414,725.33	5,528.50		420,253.83	397,025.85

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.

Massachusetts Clean Water Trust
Series 18
Malden Loan Amortization
DW-10-07

Initial Loan Amount	918,658.00	Loan Origination Fee (\$5.50/1000)	5,052.62
Principal Forgiveness	-	Loan Term (in years)	20
Net Loan Obligation	918,658.00	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		9,594.87	9,594.87	719.62	5,052.62	15,367.11	
1/15/2016	37,161.00	9,186.58	46,347.58	688.99		47,036.57	62,403.68
7/15/2016		8,814.97	8,814.97	661.12		9,476.09	
1/15/2017	37,968.00	8,814.97	46,782.97	661.12		47,444.09	56,920.19
7/15/2017		8,435.29	8,435.29	632.65		9,067.94	
1/15/2018	38,794.00	8,435.29	47,229.29	632.65		47,861.94	56,929.87
7/15/2018		8,047.35	8,047.35	603.55		8,650.90	
1/15/2019	39,637.00	8,047.35	47,684.35	603.55		48,287.90	56,938.80
7/15/2019		7,650.98	7,650.98	573.82		8,224.80	
1/15/2020	40,498.00	7,650.98	48,148.98	573.82		48,722.80	56,947.61
7/15/2020		7,246.00	7,246.00	543.45		7,789.45	
1/15/2021	41,378.00	7,246.00	48,624.00	543.45		49,167.45	56,956.90
7/15/2021		6,832.22	6,832.22	512.42		7,344.64	
1/15/2022	42,278.00	6,832.22	49,110.22	512.42		49,622.64	56,967.27
7/15/2022		6,409.44	6,409.44	480.71		6,890.15	
1/15/2023	43,196.00	6,409.44	49,605.44	480.71		50,086.15	56,976.30
7/15/2023		5,977.48	5,977.48	448.31		6,425.79	
1/15/2024	44,135.00	5,977.48	50,112.48	448.31		50,560.79	56,986.58
7/15/2024		5,536.13	5,536.13	415.21		5,951.34	
1/15/2025	45,094.00	5,536.13	50,630.13	415.21		51,045.34	56,996.68
7/15/2025		5,085.19	5,085.19	381.39		5,466.58	
1/15/2026	46,074.00	5,085.19	51,159.19	381.39		51,540.58	57,007.16
7/15/2026		4,624.45	4,624.45	346.83		4,971.28	
1/15/2027	47,076.00	4,624.45	51,700.45	346.83		52,047.28	57,018.57
7/15/2027		4,153.69	4,153.69	311.53		4,465.22	
1/15/2028	48,099.00	4,153.69	52,252.69	311.53		52,564.22	57,029.43
7/15/2028		3,672.70	3,672.70	275.45		3,948.15	
1/15/2029	49,144.00	3,672.70	52,816.70	275.45		53,092.15	57,040.31
7/15/2029		3,181.26	3,181.26	238.59		3,419.85	
1/15/2030	50,212.00	3,181.26	53,393.26	238.59		53,631.85	57,051.71
7/15/2030		2,679.14	2,679.14	200.94		2,880.08	
1/15/2031	51,304.00	2,679.14	53,983.14	200.94		54,184.08	57,064.15
7/15/2031		2,166.10	2,166.10	162.46		2,328.56	
1/15/2032	52,419.00	2,166.10	54,585.10	162.46		54,747.56	57,076.12
7/15/2032		1,641.91	1,641.91	123.14		1,765.05	
1/15/2033	53,558.00	1,641.91	55,199.91	123.14		55,323.05	57,088.11
7/15/2033		1,106.33	1,106.33	82.97		1,189.30	
1/15/2034	54,722.00	1,106.33	55,828.33	82.97		55,911.30	57,100.61
7/15/2034		559.11	559.11	41.93		601.04	
1/15/2035	55,911.00	559.11	56,470.11	41.93		56,512.04	57,113.09
7/15/2035							
	918,658.00	206,420.93	1,125,078.93	15,481.57	5,052.62	1,145,613.12	1,145,613.12

Notes:

Massachusetts Water Pollution Abatement Trust
Series 16
Malden Water Dept. Loan Amortization
DWP-10-07

Initial Loan Amount	5,670,744.00	Loan Origination Fee (\$5.57/1000)	20,545.59
Principal Forgiveness	(1,982,128.00)	Loan Term (in years)	20
Net Loan Obligation	3,688,616.00	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		43,443.70	43,443.70	2,766.46	20,545.59	66,755.75	66,755.75
7/15/2013	149,208.00	36,886.16	186,094.16	2,766.46		188,860.62	
1/15/2014		35,394.08	35,394.08	2,654.56		38,048.64	226,909.26
7/15/2014	152,451.00	35,394.08	187,845.08	2,654.56		190,499.64	
1/15/2015		33,869.57	33,869.57	2,540.22		36,409.79	226,909.42
7/15/2015	155,764.00	33,869.57	189,633.57	2,540.22		192,173.79	
1/15/2016		32,311.93	32,311.93	2,423.39		34,735.32	226,909.11
7/15/2016	159,150.00	32,311.93	191,461.93	2,423.39		193,885.32	
1/15/2017		30,720.43	30,720.43	2,304.03		33,024.46	226,909.79
7/15/2017	162,609.00	30,720.43	193,329.43	2,304.03		195,633.46	
1/15/2018		29,094.34	29,094.34	2,182.08		31,276.42	226,909.88
7/15/2018	166,143.00	29,094.34	195,237.34	2,182.08		197,419.42	
1/15/2019		27,432.91	27,432.91	2,057.47		29,490.38	226,909.79
7/15/2019	169,753.00	27,432.91	197,185.91	2,057.47		199,243.38	
1/15/2020		25,735.38	25,735.38	1,930.15		27,665.53	226,908.91
7/15/2020	173,443.00	25,735.38	199,178.38	1,930.15		201,108.53	
1/15/2021		24,000.95	24,000.95	1,800.07		25,801.02	226,909.55
7/15/2021	177,212.00	24,000.95	201,212.95	1,800.07		203,013.02	
1/15/2022		22,228.83	22,228.83	1,667.16		23,895.99	226,909.01
7/15/2022	181,064.00	22,228.83	203,292.83	1,667.16		204,959.99	
1/15/2023		20,418.19	20,418.19	1,531.36		21,949.55	226,909.55
7/15/2023	184,999.00	20,418.19	205,417.19	1,531.36		206,948.55	
1/15/2024		18,568.20	18,568.20	1,392.62		19,960.82	226,909.37
7/15/2024	189,020.00	18,568.20	207,588.20	1,392.62		208,980.82	
1/15/2025		16,678.00	16,678.00	1,250.85		17,928.85	226,909.67
7/15/2025	193,128.00	16,678.00	209,806.00	1,250.85		211,056.85	
1/15/2026		14,746.72	14,746.72	1,106.00		15,852.72	226,909.57
7/15/2026	197,325.00	14,746.72	212,071.72	1,106.00		213,177.72	
1/15/2027		12,773.47	12,773.47	958.01		13,731.48	226,909.20
7/15/2027	201,614.00	12,773.47	214,387.47	958.01		215,345.48	
1/15/2028		10,757.33	10,757.33	806.80		11,564.13	226,909.61
7/15/2028	205,996.00	10,757.33	216,753.33	806.80		217,560.13	
1/15/2029		8,697.37	8,697.37	652.30		9,349.67	226,909.80
7/15/2029	210,473.00	8,697.37	219,170.37	652.30		219,822.67	
1/15/2030		6,592.64	6,592.64	494.45		7,087.09	226,909.76
7/15/2030	215,047.00	6,592.64	221,639.64	494.45		222,134.09	
1/15/2031		4,442.17	4,442.17	333.16		4,775.33	226,909.42
7/15/2031	219,721.00	4,442.17	224,163.17	333.16		224,496.33	
1/15/2032		2,244.96	2,244.96	168.37		2,413.33	226,909.66
7/15/2032	224,496.00	2,244.96	226,740.96	168.37		226,909.33	
1/15/2033							226,909.33
	3,688,616.00	833,744.80	4,522,360.80	62,039.04	20,545.59	4,604,945.44	4,604,945.44

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.