Massachusetts Clean Water Trust
Series 23
Hull Loan Amortization
CW-18-20

Loan Amount Approved	478,890.00	Loan Origination Fee ($5.00/1000)	0.00
Principal Forgiveness	-	Loan Term (in years)	20
Amount to be Financed	478,890.00	Loan Rate	2.00%
		Closing Date	5/11/2021
		First Interest Payment	7/15/2021
		First Principal Payment	1/15/2022

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/11/2021							
7/15/2021		1,702.72	1,702.72	127.70		1,830.42	
1/15/2022	19,372.00	4,788.90	24,160.90	359.17		24,520.07	26,350.49
7/15/2022		4,595.18	4,595.18	344.64		4,939.82	
1/15/2023	19,793.00	4,595.18	24,388.18	344.64		24,732.82	29,672.64
7/15/2023		4,397.25	4,397.25	329.79		4,727.04	
1/15/2024	20,223.00	4,397.25	24,620.25	329.79		24,950.04	29,677.09
7/15/2024		4,195.02	4,195.02	314.63		4,509.65	
1/15/2025	20,662.00	4,195.02	24,857.02	314.63		25,171.65	29,681.29
7/15/2025		3,988.40	3,988.40	299.13		4,287.53	
1/15/2026	21,111.00	3,988.40	25,099.40	299.13		25,398.53	29,686.06
7/15/2026		3,777.29	3,777.29	283.30		4,060.59	
1/15/2027	21,570.00	3,777.29	25,347.29	283.30		25,630.59	29,691.17
7/15/2027		3,561.59	3,561.59	267.12		3,828.71	
1/15/2028	22,039.00	3,561.59	25,600.59	267.12		25,867.71	29,696.42
7/15/2028		3,341.20	3,341.20	250.59		3,591.79	
1/15/2029	22,518.00	3,341.20	25,859.20	250.59		26,109.79	29,701.58
7/15/2029		3,116.02	3,116.02	233.70		3,349.72	
1/15/2030	23,007.00	3,116.02	26,123.02	233.70		26,356.72	29,706.44
7/15/2030		2,885.95	2,885.95	216.45		3,102.40	
1/15/2031	23,507.00	2,885.95	26,392.95	216.45		26,609.40	29,711.79
7/15/2031		2,650.88	2,650.88	198.82		2,849.70	
1/15/2032	24,018.00	2,650.88	26,668.88	198.82		26,867.70	29,717.39
7/15/2032		2,410.70	2,410.70	180.80		2,591.50	
1/15/2033	24,540.00	2,410.70	26,950.70	180.80		27,131.50	29,723.01
7/15/2033		2,165.30	2,165.30	162.40		2,327.70	
1/15/2034	25,074.00	2,165.30	27,239.30	162.40		27,401.70	29,729.40
7/15/2034		1,914.56	1,914.56	143.59		2,058.15	
1/15/2035	25,619.00	1,914.56	27,533.56	143.59		27,677.15	29,735.30
7/15/2035		1,658.37	1,658.37	124.38		1,782.75	
1/15/2036	26,175.00	1,658.37	27,833.37	124.38		27,957.75	29,740.50
7/15/2036		1,396.62	1,396.62	104.75		1,501.37	
1/15/2037	26,744.00	1,396.62	28,140.62	104.75		28,245.37	29,746.73
7/15/2037		1,129.18	1,129.18	84.69		1,213.87	
1/15/2038	27,326.00	1,129.18	28,455.18	84.69		28,539.87	29,753.74
7/15/2038		855.92	855.92	64.19		920.11	
1/15/2039	27,920.00	855.92	28,775.92	64.19		28,840.11	29,760.23
7/15/2039		576.72	576.72	43.25		619.97	
1/15/2040	28,526.00	576.72	29,102.72	43.25		29,145.97	29,765.95
7/15/2040		291.46	291.46	21.86		313.32	
1/15/2041	29,146.00	291.46	29,437.46	21.86		29,459.32	29,772.64
7/15/2041							
	478,890.00	104,306.84	583,196.84	7,823.01		591,019.85	591,019.85

Massachusetts Clean Water Trust
Series 23
Hull Loan Amortization
CW-18-21

Loan Amount Approved	332,966.00	Loan Origination Fee ($5.00/1000)	0.00
Principal Forgiveness	-	Loan Term (in years)	20
Amount to be Financed	332,966.00	Loan Rate	2.00%
		Closing Date	5/11/2021
		First Interest Payment	7/15/2021
		First Principal Payment	1/15/2022

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/11/2021							
7/15/2021		1,183.88	1,183.88	88.79		1,272.67	
1/15/2022	13,469.00	3,329.66	16,798.66	249.72		17,048.38	18,321.05
7/15/2022		3,194.97	3,194.97	239.62		3,434.59	
1/15/2023	13,762.00	3,194.97	16,956.97	239.62		17,196.59	20,631.19
7/15/2023		3,057.35	3,057.35	229.30		3,286.65	
1/15/2024	14,061.00	3,057.35	17,118.35	229.30		17,347.65	20,634.30
7/15/2024		2,916.74	2,916.74	218.76		3,135.50	
1/15/2025	14,366.00	2,916.74	17,282.74	218.76		17,501.50	20,636.99
7/15/2025		2,773.08	2,773.08	207.98		2,981.06	
1/15/2026	14,678.00	2,773.08	17,451.08	207.98		17,659.06	20,640.12
7/15/2026		2,626.30	2,626.30	196.97		2,823.27	
1/15/2027	14,998.00	2,626.30	17,624.30	196.97		17,821.27	20,644.55
7/15/2027		2,476.32	2,476.32	185.72		2,662.04	
1/15/2028	15,323.00	2,476.32	17,799.32	185.72		17,985.04	20,647.09
7/15/2028		2,323.09	2,323.09	174.23		2,497.32	
1/15/2029	15,656.00	2,323.09	17,979.09	174.23		18,153.32	20,650.64
7/15/2029		2,166.53	2,166.53	162.49		2,329.02	
1/15/2030	15,997.00	2,166.53	18,163.53	162.49		18,326.02	20,655.04
7/15/2030		2,006.56	2,006.56	150.49		2,157.05	
1/15/2031	16,344.00	2,006.56	18,350.56	150.49		18,501.05	20,658.10
7/15/2031		1,843.12	1,843.12	138.23		1,981.35	
1/15/2032	16,700.00	1,843.12	18,543.12	138.23		18,681.35	20,662.71
7/15/2032		1,676.12	1,676.12	125.71		1,801.83	
1/15/2033	17,063.00	1,676.12	18,739.12	125.71		18,864.83	20,666.66
7/15/2033		1,505.49	1,505.49	112.91		1,618.40	
1/15/2034	17,433.00	1,505.49	18,938.49	112.91		19,051.40	20,669.80
7/15/2034		1,331.16	1,331.16	99.84		1,431.00	
1/15/2035	17,812.00	1,331.16	19,143.16	99.84		19,243.00	20,673.99
7/15/2035		1,153.04	1,153.04	86.48		1,239.52	
1/15/2036	18,199.00	1,153.04	19,352.04	86.48		19,438.52	20,678.04
7/15/2036		971.05	971.05	72.83		1,043.88	
1/15/2037	18,595.00	971.05	19,566.05	72.83		19,638.88	20,682.76
7/15/2037		785.10	785.10	58.88		843.98	
1/15/2038	18,999.00	785.10	19,784.10	58.88		19,842.98	20,686.97
7/15/2038		595.11	595.11	44.63		639.74	
1/15/2039	19,412.00	595.11	20,007.11	44.63		20,051.74	20,691.49
7/15/2039		400.99	400.99	30.07		431.06	
1/15/2040	19,834.00	400.99	20,234.99	30.07		20,265.06	20,696.13
7/15/2040		202.65	202.65	15.20		217.85	
1/15/2041	20,265.00	202.65	20,467.65	15.20		20,482.85	20,700.70
7/15/2041							
	332,966.00	72,523.08	405,489.08	5,439.23		410,928.31	410,928.31

Massachusetts Water Clean Water Trust
Series 23 Swap
HULL Reamortization
CW-18-22

Original Loan Amount	1,436,820.00	Loan Origination Fee ($0.00/1000)	0.00
Principal Forgiveness	-	Loan Term (in years)	18
Principal Paid Down	117,505.00	Loan Rate	2.00%
Outstanding Loan Obligation	1,319,315.00	Closing Date	5/10/2023
Remaining Balance	(55,649.00)	First Payment	7/15/2023
Net New Loan Obligation	1,263,666.00		

Date	Principal	Interest	Total Payments	Admin Fee (0.15%)	Loan Origination Fee	Total Payments	Total Annual Payments
5/10/2023							
7/15/2023		12,992.20	12,992.20	974.41		13,966.61	
1/15/2024	58,115.73	12,636.66	70,752.39	947.75		71,700.14	85,666.75
7/15/2024		12,055.50	12,055.50	904.16		12,959.67	
1/15/2025	59,378.11	12,055.50	71,433.61	904.16		72,337.77	85,297.44
7/15/2025		11,461.72	11,461.72	859.63		12,321.35	
1/15/2026	60,669.28	11,461.72	72,131.00	859.63		72,990.63	85,311.98
7/15/2026		10,855.03	10,855.03	814.13		11,669.16	
1/15/2027	61,987.21	10,855.03	72,842.24	814.13		73,656.37	85,325.52
7/15/2027		10,235.16	10,235.16	767.64		11,002.79	
1/15/2028	63,334.88	10,235.16	73,570.04	767.64		74,337.68	85,340.47
7/15/2028		9,601.81	9,601.81	720.14		10,321.94	
1/15/2029	64,711.27	9,601.81	74,313.07	720.14		75,033.21	85,355.15
7/15/2029		8,954.70	8,954.70	671.60		9,626.30	
1/15/2030	66,117.33	8,954.70	75,072.03	671.60		75,743.63	85,369.93
7/15/2030		8,293.52	8,293.52	622.01		8,915.54	
1/15/2031	67,554.05	8,293.52	75,847.57	622.01		76,469.59	85,385.12
7/15/2031		7,617.98	7,617.98	571.35		8,189.33	
1/15/2032	69,022.39	7,617.98	76,640.37	571.35		77,211.72	85,401.05
7/15/2032		6,927.76	6,927.76	519.58		7,447.34	
1/15/2033	70,523.33	6,927.76	77,451.09	519.58		77,970.67	85,418.01
7/15/2033		6,222.52	6,222.52	466.69		6,689.21	
1/15/2034	72,055.83	6,222.52	78,278.36	466.69		78,745.05	85,434.26
7/15/2034		5,501.97	5,501.97	412.65		5,914.61	
1/15/2035	73,621.87	5,501.97	79,123.84	412.65		79,536.48	85,451.10
7/15/2035		4,765.75	4,765.75	357.43		5,123.18	
1/15/2036	75,221.41	4,765.75	79,987.15	357.43		80,344.58	85,467.76
7/15/2036		4,013.53	4,013.53	301.01		4,314.55	
1/15/2037	76,856.41	4,013.53	80,869.94	301.01		81,170.96	85,485.51
7/15/2037		3,244.97	3,244.97	243.37		3,488.34	
1/15/2038	78,526.85	3,244.97	81,771.82	243.37		82,015.19	85,503.54
7/15/2038		2,459.70	2,459.70	184.48		2,644.18	
1/15/2039	80,233.69	2,459.70	82,693.39	184.48		82,877.87	85,522.05
7/15/2039		1,657.36	1,657.36	124.30		1,781.67	
1/15/2040	81,976.90	1,657.36	83,634.27	124.30		83,758.57	85,540.23
7/15/2040		837.59	837.59	62.82		900.41	
1/15/2041	83,759.44	837.59	84,597.04	62.82		84,659.86	85,560.27
7/15/2041							
	1,263,666.00	255,042.00	1,518,708.00	19,128.15		1,537,836.15	1,537,836.15

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.

Replaced by Debt Scheduled Dated May 10, 2023

Prepared by PFM Financial Advisors LLC

Massachusetts Clean Water Trust
Series 23
Hull Loan Amortization
CW-18-22

Loan Amount Approved	1,436,820.00	Loan Origination Fee ($5.00/1000)	0.00
Principal Forgiveness	-	Loan Term (in years)	20
Amount to be Financed	1,436,820.00	Loan Rate	2.00%
		Closing Date	5/11/2021
		First Interest Payment	7/15/2021
		First Principal Payment	1/15/2022

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/11/2021							
7/15/2021		5,108.69	5,108.69	383.15		5,491.85	
1/15/2022	58,121.00	14,368.20	72,489.20	1,077.62		73,566.82	79,058.66
7/15/2022		13,786.99	13,786.99	1,034.02		14,821.01	
1/15/2023	59,384.00	13,786.99	73,170.99	1,034.02		74,205.01	89,026.03
7/15/2023		13,193.15	13,193.15	989.49		14,182.64	
1/15/2024	60,675.00	13,193.15	73,868.15	989.49		74,857.64	89,040.27
7/15/2024		12,586.40	12,586.40	943.98		13,530.38	
1/15/2025	61,993.00	12,586.40	74,579.40	943.98		75,523.38	89,053.76
7/15/2025		11,966.47	11,966.47	897.49		12,863.96	
1/15/2026	63,341.00	11,966.47	75,307.47	897.49		76,204.96	89,068.91
7/15/2026		11,333.06	11,333.06	849.98		12,183.04	
1/15/2027	64,717.00	11,333.06	76,050.06	849.98		76,900.04	89,083.08
7/15/2027		10,685.89	10,685.89	801.44		11,487.33	
1/15/2028	66,124.00	10,685.89	76,809.89	801.44		77,611.33	89,098.66
7/15/2028		10,024.65	10,024.65	751.85		10,776.50	
1/15/2029	67,561.00	10,024.65	77,585.65	751.85		78,337.50	89,114.00
7/15/2029		9,349.04	9,349.04	701.18		10,050.22	
1/15/2030	69,029.00	9,349.04	78,378.04	701.18		79,079.22	89,129.44
7/15/2030		8,658.75	8,658.75	649.41		9,308.16	
1/15/2031	70,529.00	8,658.75	79,187.75	649.41		79,837.16	89,145.31
7/15/2031		7,953.46	7,953.46	596.51		8,549.97	
1/15/2032	72,062.00	7,953.46	80,015.46	596.51		80,611.97	89,161.94
7/15/2032		7,232.84	7,232.84	542.46		7,775.30	
1/15/2033	73,629.00	7,232.84	80,861.84	542.46		81,404.30	89,179.61
7/15/2033		6,496.55	6,496.55	487.24		6,983.79	
1/15/2034	75,229.00	6,496.55	81,725.55	487.24		82,212.79	89,196.58
7/15/2034		5,744.26	5,744.26	430.82		6,175.08	
1/15/2035	76,864.00	5,744.26	82,608.26	430.82		83,039.08	89,214.16
7/15/2035		4,975.62	4,975.62	373.17		5,348.79	
1/15/2036	78,534.00	4,975.62	83,509.62	373.17		83,882.79	89,231.58
7/15/2036		4,190.28	4,190.28	314.27		4,504.55	
1/15/2037	80,241.00	4,190.28	84,431.28	314.27		84,745.55	89,250.10
7/15/2037		3,387.87	3,387.87	254.09		3,641.96	
1/15/2038	81,985.00	3,387.87	85,372.87	254.09		85,626.96	89,268.92
7/15/2038		2,568.02	2,568.02	192.60		2,760.62	
1/15/2039	83,767.00	2,568.02	86,335.02	192.60		86,527.62	89,288.24
7/15/2039		1,730.35	1,730.35	129.78		1,860.13	
1/15/2040	85,587.00	1,730.35	87,317.35	129.78		87,447.13	89,307.25
7/15/2040		874.48	874.48	65.59		940.07	
1/15/2041	87,448.00	874.48	88,322.48	65.59		88,388.07	89,328.13
7/15/2041							
	1,436,820.00	312,953.15	1,749,773.15	23,471.49		1,773,244.64	1,773,244.64

Massachusetts Water Clean Water Trust
Series 23 Swap
HULL Reamortization
CWP-18-29

Original Loan Amount	9,999,260.00	Loan Origination Fee ($0.00/1000)	0.00
Principal Forgiveness	168,109.00	Loan Term (in years)	28
Principal Paid Down	462,068.00	Loan Rate	2.20%
Outstanding Loan Obligation	9,369,083.00	Closing Date	5/10/2023
Remaining Balance	(62,560.00)	First Payment	7/15/2023
Net New Loan Obligation	9,306,523.00		

Date	Principal	Interest	Total Payments	Admin Fee (0.15%)	Loan Origination Fee	Total Payments	Total Annual Payments
5/10/2023							
7/15/2023		102,811.41	102,811.41	7,009.87		109,821.28	
1/15/2024	237,709.08	102,371.75	340,080.83	6,979.89		347,060.73	456,882.00
7/15/2024		99,756.95	99,756.95	6,801.61		106,558.56	
1/15/2025	243,362.08	99,756.95	343,119.04	6,801.61		349,920.65	456,479.21
7/15/2025		97,079.97	97,079.97	6,619.09		103,699.06	
1/15/2026	249,149.18	97,079.97	346,229.15	6,619.09		352,848.24	456,547.30
7/15/2026		94,339.33	94,339.33	6,432.23		100,771.56	
1/15/2027	255,073.35	94,339.33	349,412.68	6,432.23		355,844.91	456,616.47
7/15/2027		91,533.52	91,533.52	6,240.92		97,774.44	
1/15/2028	261,138.58	91,533.52	352,672.10	6,240.92		358,913.03	456,687.47
7/15/2028		88,661.00	88,661.00	6,045.07		94,706.07	
1/15/2029	267,348.84	88,661.00	356,009.84	6,045.07		362,054.90	456,760.97
7/15/2029		85,720.16	85,720.16	5,844.56		91,564.72	
1/15/2030	273,706.10	85,720.16	359,426.26	5,844.56		365,270.82	456,835.54
7/15/2030		82,709.39	82,709.39	5,639.28		88,348.67	
1/15/2031	280,214.35	82,709.39	362,923.75	5,639.28		368,563.02	456,911.69
7/15/2031		79,627.04	79,627.04	5,429.12		85,056.15	
1/15/2032	286,877.56	79,627.04	366,504.60	5,429.12		371,933.71	456,989.86
7/15/2032		76,471.38	76,471.38	5,213.96		81,685.34	
1/15/2033	293,699.70	76,471.38	370,171.09	5,213.96		375,385.04	457,070.38
7/15/2033		73,240.69	73,240.69	4,993.68		78,234.37	
1/15/2034	300,683.76	73,240.69	373,924.44	4,993.68		378,918.12	457,152.49
7/15/2034		69,933.16	69,933.16	4,768.17		74,701.33	
1/15/2035	307,833.69	69,933.16	377,766.86	4,768.17		382,535.03	457,236.36
7/15/2035		66,546.99	66,546.99	4,537.30		71,084.29	
1/15/2036	315,153.48	66,546.99	381,700.48	4,537.30		386,237.77	457,322.06
7/15/2036		63,080.31	63,080.31	4,300.93		67,381.24	
1/15/2037	322,648.11	63,080.31	385,728.41	4,300.93		390,029.34	457,410.58
7/15/2037		59,531.18	59,531.18	4,058.94		63,590.12	
1/15/2038	330,320.53	59,531.18	389,851.71	4,058.94		393,910.65	457,500.77
7/15/2038		55,897.65	55,897.65	3,811.20		59,708.85	
1/15/2039	338,174.73	55,897.65	394,072.38	3,811.20		397,883.58	457,592.44
7/15/2039		52,177.73	52,177.73	3,557.57		55,735.30	
1/15/2040	346,216.67	52,177.73	398,394.40	3,557.57		401,951.97	457,687.28
7/15/2040		48,369.35	48,369.35	3,297.91		51,667.25	
1/15/2041	354,449.33	48,369.35	402,818.68	3,297.91		406,116.59	457,783.84
7/15/2041		44,470.40	44,470.40	3,032.07		47,502.48	
1/15/2042	362,877.67	44,470.40	407,348.08	3,032.07		410,380.15	457,882.62
7/15/2042		40,478.75	40,478.75	2,759.91		43,238.66	
1/15/2043	371,506.67	40,478.75	411,985.42	2,759.91		414,745.33	457,983.99
7/15/2043		36,392.17	36,392.17	2,481.28		38,873.46	
1/15/2044	380,341.28	36,392.17	416,733.46	2,481.28		419,214.74	458,088.20
7/15/2044		32,208.42	32,208.42	2,196.03		34,404.45	
1/15/2045	389,385.48	32,208.42	421,593.91	2,196.03		423,789.93	458,194.38
7/15/2045		27,925.18	27,925.18	1,903.99		29,829.17	
1/15/2046	398,645.24	27,925.18	426,570.42	1,903.99		428,474.41	458,303.58
7/15/2046		23,540.08	23,540.08	1,605.01		25,145.09	
1/15/2047	408,124.52	23,540.08	431,664.60	1,605.01		433,269.61	458,414.70
7/15/2047		19,050.71	19,050.71	1,298.91		20,349.63	
1/15/2048	417,829.28	19,050.71	436,879.99	1,298.91		438,178.91	458,528.53
7/15/2048		14,454.59	14,454.59	985.54		15,440.13	
1/15/2049	427,765.49	14,454.59	442,220.08	985.54		443,205.62	458,645.75
7/15/2049		9,749.17	9,749.17	664.72		10,413.89	
1/15/2050	437,937.11	9,749.17	447,686.28	664.72		448,351.00	458,764.89
7/15/2050		4,931.86	4,931.86	336.26		5,268.13	
1/15/2051	448,351.11	4,931.86	453,282.97	336.26		453,619.23	458,887.36
7/15/2051							
	9,306,523.00	3,280,937.44	12,587,460.44	223,700.28		12,811,160.73	12,811,160.73

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 Water Clean Water Trust
Series 23 Swap
HULL Reamortization
CWP-18-29

Original Loan Amount	9,999,260.00	Loan Origination Fee ($0.00/1000)	0.00
Principal Forgiveness	168,109.00	Loan Term (in years)	28
Principal Paid Down	462,068.00	Loan Rate	2.20%
Outstanding Loan Obligation	9,369,083.00	Closing Date	5/10/2023
Remaining Balance	(62,560.00)	First Payment	7/15/2023
Net New Loan Obligation	9,306,523.00		

Date	Principal	Interest	Total Payments	Admin Fee (0.15%)	Loan Origination Fee	Total Payments	Total Annual Payments
5/10/2023							
7/15/2023		102,811.41	102,811.41	7,009.87		109,821.28	
1/15/2024	237,709.08	102,371.75	340,080.83	6,979.89		347,060.73	456,882.00
7/15/2024		99,756.95	99,756.95	6,801.61		106,558.56	
1/15/2025	243,362.08	99,756.95	343,119.04	6,801.61		349,920.65	456,479.21
7/15/2025		97,079.97	97,079.97	6,619.09		103,699.06	
1/15/2026	249,149.18	97,079.97	346,229.15	6,619.09		352,848.24	456,547.30
7/15/2026		94,339.33	94,339.33	6,432.23		100,771.56	
1/15/2027	255,073.35	94,339.33	349,412.68	6,432.23		355,844.91	456,616.47
7/15/2027		91,533.52	91,533.52	6,240.92		97,774.44	
1/15/2028	261,138.58	91,533.52	352,672.10	6,240.92		358,913.03	456,687.47
7/15/2028		88,661.00	88,661.00	6,045.07		94,706.07	
1/15/2029	267,348.84	88,661.00	356,009.84	6,045.07		362,054.90	456,760.97
7/15/2029		85,720.16	85,720.16	5,844.56		91,564.72	
1/15/2030	273,706.10	85,720.16	359,426.26	5,844.56		365,270.82	456,835.54
7/15/2030		82,709.39	82,709.39	5,639.28		88,348.67	
1/15/2031	280,214.35	82,709.39	362,923.75	5,639.28		368,563.02	456,911.69
7/15/2031		79,627.04	79,627.04	5,429.12		85,056.15	
1/15/2032	286,877.56	79,627.04	366,504.60	5,429.12		371,933.71	456,989.86
7/15/2032		76,471.38	76,471.38	5,213.96		81,685.34	
1/15/2033	293,699.70	76,471.38	370,171.09	5,213.96		375,385.04	457,070.38
7/15/2033		73,240.69	73,240.69	4,993.68		78,234.37	
1/15/2034	300,683.76	73,240.69	373,924.44	4,993.68		378,918.12	457,152.49
7/15/2034		69,933.16	69,933.16	4,768.17		74,701.33	
1/15/2035	307,833.69	69,933.16	377,766.86	4,768.17		382,535.03	457,236.36
7/15/2035		66,546.99	66,546.99	4,537.30		71,084.29	
1/15/2036	315,153.48	66,546.99	381,700.48	4,537.30		386,237.77	457,322.06
7/15/2036		63,080.31	63,080.31	4,300.93		67,381.24	
1/15/2037	322,648.11	63,080.31	385,728.41	4,300.93		390,029.34	457,410.58
7/15/2037		59,531.18	59,531.18	4,058.94		63,590.12	
1/15/2038	330,320.53	59,531.18	389,851.71	4,058.94		393,910.65	457,500.77
7/15/2038		55,897.65	55,897.65	3,811.20		59,708.85	
1/15/2039	338,174.73	55,897.65	394,072.38	3,811.20		397,883.58	457,592.44
7/15/2039		52,177.73	52,177.73	3,557.57		55,735.30	
1/15/2040	346,216.67	52,177.73	398,394.40	3,557.57		401,951.97	457,687.28
7/15/2040		48,369.35	48,369.35	3,297.91		51,667.25	
1/15/2041	354,449.33	48,369.35	402,818.68	3,297.91		406,116.59	457,783.84
7/15/2041		44,470.40	44,470.40	3,032.07		47,502.48	
1/15/2042	362,877.67	44,470.40	407,348.08	3,032.07		410,380.15	457,882.62
7/15/2042		40,478.75	40,478.75	2,759.91		43,238.66	
1/15/2043	371,506.67	40,478.75	411,985.42	2,759.91		414,745.33	457,983.99
7/15/2043		36,392.17	36,392.17	2,481.28		38,873.46	
1/15/2044	380,341.28	36,392.17	416,733.46	2,481.28		419,214.74	458,088.20
7/15/2044		32,208.42	32,208.42	2,196.03		34,404.45	
1/15/2045	389,385.48	32,208.42	421,593.91	2,196.03		423,789.93	458,194.38
7/15/2045		27,925.18	27,925.18	1,903.99		29,829.17	
1/15/2046	398,645.24	27,925.18	426,570.42	1,903.99		428,474.41	458,303.58
7/15/2046		23,540.08	23,540.08	1,605.01		25,145.09	
1/15/2047	408,124.52	23,540.08	431,664.60	1,605.01		433,269.61	458,414.70
7/15/2047		19,050.71	19,050.71	1,298.91		20,349.63	
1/15/2048	417,829.28	19,050.71	436,879.99	1,298.91		438,178.91	458,528.53
7/15/2048		14,454.59	14,454.59	985.54		15,440.13	
1/15/2049	427,765.49	14,454.59	442,220.08	985.54		443,205.62	458,645.75
7/15/2049		9,749.17	9,749.17	664.72		10,413.89	
1/15/2050	437,937.11	9,749.17	447,686.28	664.72		448,351.00	458,764.89
7/15/2050		4,931.86	4,931.86	336.26		5,268.13	
1/15/2051	448,351.11	4,931.86	453,282.97	336.26		453,619.23	458,887.36
7/15/2051							
	9,306,523.00	3,280,937.44	12,587,460.44	223,700.28		12,811,160.73	12,811,160.73

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.

Replaced by Debt Scheduled Dated May 10, 2023

Prepared by PFM Financial Advisors LLC

Massachusetts Clean Water Trust
Series 23
Hull Loan Amortization
CWP-18-29

Loan Amount Approved	9,999,260.00	Loan Origination Fee ($5.00/1000)	0.00
Principal Forgiveness*	168,109.00	Loan Term (in years)	30
Amount to be Financed	9,831,151.00	Loan Rate	2.20%
		Closing Date	5/11/2021
		First Interest Payment	7/15/2021
		First Principal Payment	1/15/2022

Date	Principal	Interest	Total Debt Service	Admin Fee (0.15%)	Loan Origination Fee	Total Debt Service	Annual Debt Service
5/11/2021							
7/15/2021		38,450.72	38,450.72	2,621.64		41,072.36	
1/15/2022	228,319.00	108,142.66	336,461.66	7,373.36		343,835.02	384,907.39
7/15/2022		105,631.15	105,631.15	7,202.12		112,833.28	
1/15/2023	233,749.00	105,631.15	339,380.15	7,202.12		346,582.28	459,415.55
7/15/2023		103,059.91	103,059.91	7,026.81		110,086.73	
1/15/2024	239,307.00	103,059.91	342,366.91	7,026.81		349,393.73	459,480.45
7/15/2024		100,427.54	100,427.54	6,847.33		107,274.87	
1/15/2025	244,998.00	100,427.54	345,425.54	6,847.33		352,272.87	459,547.74
7/15/2025		97,732.56	97,732.56	6,663.58		104,396.14	
1/15/2026	250,824.00	97,732.56	348,556.56	6,663.58		355,220.14	459,616.28
7/15/2026		94,973.49	94,973.49	6,475.47		101,448.96	
1/15/2027	256,788.00	94,973.49	351,761.49	6,475.47		358,236.96	459,685.92
7/15/2027		92,148.83	92,148.83	6,282.87		98,431.70	
1/15/2028	262,894.00	92,148.83	355,042.83	6,282.87		361,325.70	459,757.40
7/15/2028		89,256.99	89,256.99	6,085.70		95,342.70	
1/15/2029	269,146.00	89,256.99	358,402.99	6,085.70		364,488.70	459,831.39
7/15/2029		86,296.39	86,296.39	5,883.84		92,180.23	
1/15/2030	275,546.00	86,296.39	361,842.39	5,883.84		367,726.23	459,906.46
7/15/2030		83,265.38	83,265.38	5,677.19		88,942.57	
1/15/2031	282,098.00	83,265.38	365,363.38	5,677.19		371,040.57	459,983.13
7/15/2031		80,162.30	80,162.30	5,465.61		85,627.91	
1/15/2032	288,806.00	80,162.30	368,968.30	5,465.61		374,433.91	460,061.83
7/15/2032		76,985.44	76,985.44	5,249.01		82,234.44	
1/15/2033	295,674.00	76,985.44	372,659.44	5,249.01		377,908.44	460,142.89
7/15/2033		73,733.02	73,733.02	5,027.25		78,760.27	
1/15/2034	302,705.00	73,733.02	376,438.02	5,027.25		381,465.27	460,225.55
7/15/2034		70,403.27	70,403.27	4,800.22		75,203.49	
1/15/2035	309,903.00	70,403.27	380,306.27	4,800.22		385,106.49	460,309.98
7/15/2035		66,994.33	66,994.33	4,567.80		71,562.13	
1/15/2036	317,272.00	66,994.33	384,266.33	4,567.80		388,834.13	460,396.26
7/15/2036		63,504.34	63,504.34	4,329.84		67,834.18	
1/15/2037	324,817.00	63,504.34	388,321.34	4,329.84		392,651.18	460,485.37
7/15/2037		59,931.36	59,931.36	4,086.23		64,017.58	
1/15/2038	332,541.00	59,931.36	392,472.36	4,086.23		396,558.58	460,576.17
7/15/2038		56,273.40	56,273.40	3,836.82		60,110.23	
1/15/2039	340,448.00	56,273.40	396,721.40	3,836.82		400,558.23	460,668.45
7/15/2039		52,528.48	52,528.48	3,581.49		56,109.96	
1/15/2040	348,544.00	52,528.48	401,072.48	3,581.49		404,653.96	460,763.93
7/15/2040		48,694.49	48,694.49	3,320.08		52,014.57	
1/15/2041	356,832.00	48,694.49	405,526.49	3,320.08		408,846.57	460,861.14
7/15/2041		44,769.34	44,769.34	3,052.46		47,821.80	
1/15/2042	365,317.00	44,769.34	410,086.34	3,052.46		413,138.80	460,960.59
7/15/2042		40,750.85	40,750.85	2,778.47		43,529.32	
1/15/2043	374,004.00	40,750.85	414,754.85	2,778.47		417,533.32	461,062.64
7/15/2043		36,636.81	36,636.81	2,497.96		39,134.77	
1/15/2044	382,898.00	36,636.81	419,534.81	2,497.96		422,032.77	461,167.55
7/15/2044		32,424.93	32,424.93	2,210.79		34,635.72	
1/15/2045	392,003.00	32,424.93	424,427.93	2,210.79		426,638.72	461,274.44
7/15/2045		28,112.90	28,112.90	1,916.79		30,029.69	
1/15/2046	401,325.00	28,112.90	429,437.90	1,916.79		431,354.69	461,384.37
7/15/2046		23,698.32	23,698.32	1,615.79		25,314.12	
1/15/2047	410,868.00	23,698.32	434,566.32	1,615.79		436,182.12	461,496.24
7/15/2047		19,178.78	19,178.78	1,307.64		20,486.42	
1/15/2048	420,638.00	19,178.78	439,816.78	1,307.64		441,124.42	461,610.84
7/15/2048		14,551.76	14,551.76	992.17		15,543.92	
1/15/2049	430,641.00	14,551.76	445,192.76	992.17		446,184.92	461,728.84
7/15/2049		9,814.71	9,814.71	669.18		10,483.89	
1/15/2050	440,881.00	9,814.71	450,695.71	669.18		451,364.89	461,848.78
7/15/2050		4,965.02	4,965.02	338.52		5,303.54	
1/15/2051	451,365.00	4,965.02	456,330.02	338.52		456,668.54	461,972.08
	9,831,151.00	3,660,405.53	13,491,556.53	249,573.10		13,741,129.64	13,741,129.64

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.

Pool 8 Swap Loans: Administrative Fees				
Borrower	Loan Number	Loan Due Date	Loan Gross Prin Bal	Administrative Fees
Hull	CW-01-08	01-Feb-05	$3,470,719.97	$2,659.76
Hull	CW-01-08	01-Aug-05	3,315,028.17	$2,603.04
Hull	CW-01-08	01-Feb-06	3,315,028.17	$2,486.27
Hull	CW-01-08	01-Aug-06	3,157,786.87	$2,486.27
Hull	CW-01-08	01-Feb-07	3,157,786.87	$2,368.34
Hull	CW-01-08	01-Aug-07	2,998,980.78	$2,368.34
Hull	CW-01-08	01-Feb-08	2,998,980.78	$2,249.24
Hull	CW-01-08	01-Aug-08	2,837,784.96	$2,249.24
Hull	CW-01-08	01-Feb-09	2,837,784.96	$2,128.34
Hull	CW-01-08	01-Aug-09	2,672,513.22	$2,128.34
Hull	CW-01-08	01-Feb-10	2,672,513.22	$2,004.38
Hull	CW-01-08	01-Aug-10	2,502,224.00	$2,004.38
Hull	CW-01-08	01-Feb-11	2,502,224.00	$1,876.67
Hull	CW-01-08	01-Aug-11	2,326,764.37	$1,876.67
Hull	CW-01-08	01-Feb-12	2,326,764.37	$1,745.07
Hull	CW-01-08	01-Aug-12	2,145,976.60	$1,745.07
Hull	CW-01-08	01-Feb-13	2,145,976.60	$1,609.48
Hull	CW-01-08	01-Aug-13	1,959,577.74	$1,609.48
Hull	CW-01-08	01-Feb-14	1,959,577.74	$1,469.68
Hull	CW-01-08	01-Aug-14	1,768,399.42	$1,469.68
Hull	CW-01-08	01-Feb-15	1,768,399.42	$1,326.30
Hull	CW-01-08	01-Aug-15	1,567,662.19	$1,326.30
Hull	CW-01-08	01-Feb-16	1,567,662.19	$1,175.75
Hull	CW-01-08	01-Aug-16	1,362,145.50	$1,175.75
Hull	CW-01-08	01-Feb-17	1,362,145.50	$1,021.61
Hull	CW-01-08	01-Aug-17	1,151,849.35	$1,021.61
Hull	CW-01-08	01-Feb-18	1,151,849.35	$863.89
Hull	CW-01-08	01-Aug-18	936,773.74	$863.89
Hull	CW-01-08	01-Feb-19	936,773.74	$702.58
Hull	CW-01-08	01-Aug-19	712,139.22	$702.58
Hull	CW-01-08	01-Feb-20	712,139.22	$534.10
Hull	CW-01-08	01-Aug-20	482,725.24	$534.10
Hull	CW-01-08	01-Feb-21	482,725.24	$362.04
Hull	CW-01-08	01-Aug-21	243,752.35	$362.04
Hull	CW-01-08	01-Feb-22	243,752.35	$182.81
Hull	CW-01-08	01-Aug-22	0.00	$182.81
Hull	CW-01-08	01-Feb-23	0.00	$0.00
Hull	CW-01-08	01-Aug-23	0.00	$0.00
Hull	CW-01-08	01-Feb-24	0.00	$0.00
Hull	CW-01-08	01-Aug-24	0.00	$0.00
Hull	CW-01-08	01-Feb-25	0.00	$0.00
Hull	CW-01-08	01-Aug-25	0.00	$0.00
Hull	CW-01-08	01-Feb-26	0.00	$0.00
Hull	CW-01-08	01-Aug-26	0.00	$0.00
Hull	CW-01-08	01-Feb-27	0.00	$0.00
Hull	CW-01-08	01-Aug-27	0.00	$0.00
Hull	CW-01-08	01-Feb-28	0.00	$0.00
Hull	CW-01-08	01-Aug-28	0.00	$0.00
Hull	CW-01-08	01-Feb-29	0.00	$0.00
Hull	CW-01-08	01-Aug-29	0.00	$0.00
Hull	CW-01-08	01-Feb-30	0.00	$0.00
Hull	CW-01-08	01-Aug-30	0.00	$0.00
Hull	CW-01-08	01-Feb-31	0.00	$0.00
Hull	CW-01-08	01-Aug-31	0.00	$0.00
Hull	CW-01-08	01-Feb-32	0.00	$0.00
Hull	CW-01-08	01-Aug-32	0.00	$0.00
Hull	CW-01-08	01-Feb-33	0.00	$0.00
Hull	CW-01-08	01-Aug-33	0.00	$0.00
Hull	CW-01-08	01-Feb-34	0.00	$0.00
Hull	CW-01-08	01-Aug-34	0.00	$0.00
Hull	CW-01-08	01-Feb-35	0.00	$0.00
Hull	CW-01-08	01-Aug-35	0.00	$0.00

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 8
Hull
CW-01-08
Final Loan Structuring Analysis

AMENDED SCHEDULE C

G.E.	50.00%

Schedule of Loan Repayments

Initial Loan Obligation: 3,470,719.97

	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayment		
Date	Principal	Interest	Total	DSRF Earnings	Contract Assistance	Total	Principal	Interest	Total
01-Feb-05	0.00	78,570.91	78,570.91	38,303.21	0.00	38,303.21	0.00	40,267.70	40,267.70
01-Aug-05	155,691.80	80,656.36	236,348.16	37,486.38	70,529.43	108,015.81	128,332.35	0.00	128,332.35
01-Feb-06	0.00	78,320.98	78,320.98	35,804.79	67.86	35,872.65	0.00	42,448.33	42,448.33
01-Aug-06	157,241.30	78,320.98	235,562.28	35,804.79	70,529.43	106,334.22	129,228.06	0.00	129,228.06
01-Feb-07	0.00	75,962.37	75,962.37	34,106.47	67.86	34,174.33	0.00	41,788.04	41,788.04
01-Aug-07	158,806.09	75,962.37	234,768.46	34,106.47	70,529.43	104,635.90	130,132.56	0.00	130,132.56
01-Feb-08	0.00	73,580.28	73,580.28	32,391.25	67.86	32,459.11	0.00	41,121.17	41,121.17
01-Aug-08	161,195.82	74,144.03	235,339.85	32,391.25	70,807.08	103,198.33	132,141.52	0.00	132,141.52
01-Feb-09	0.00	70,347.91	70,347.91	30,650.20	67.86	30,718.06	0.00	39,629.85	39,629.85
01-Aug-09	165,271.74	70,347.91	235,619.65	30,650.20	70,520.98	101,171.18	134,448.47	0.00	134,448.47
01-Feb-10	0.00	66,216.12	66,216.12	28,865.14	67.86	28,933.00	0.00	37,283.12	37,283.12
01-Aug-10	170,289.22	66,216.12	236,505.34	28,865.14	70,520.98	99,386.12	137,119.22	0.00	137,119.22
01-Feb-11	0.00	61,958.88	61,958.88	27,025.89	67.86	27,093.75	0.00	34,865.13	34,865.13
01-Aug-11	175,459.63	61,958.88	237,418.51	27,025.89	70,520.98	97,546.87	139,871.64	0.00	139,871.64
01-Feb-12	0.00	57,572.39	57,572.39	25,130.80	67.86	25,198.66	0.00	32,373.73	32,373.73
01-Aug-12	180,787.77	57,572.39	238,360.16	25,130.80	71,554.03	96,684.83	141,675.33	0.00	141,675.33
01-Feb-13	0.00	55,118.80	55,118.80	23,178.15	67.86	23,246.01	0.00	31,872.79	31,872.79
01-Aug-13	186,398.86	42,107.25	228,506.11	23,178.15	65,315.87	88,494.02	140,012.09	0.00	140,012.09
01-Feb-14	0.00	48,694.97	48,694.97	21,164.91	67.86	21,232.77	0.00	27,462.20	27,462.20
01-Aug-14	191,178.32	36,657.76	227,836.08	21,164.91	65,037.14	86,202.05	141,634.03	0.00	141,634.03
01-Feb-15	0.00	43,675.59	43,675.59	19,100.04	67.86	19,167.90	0.00	24,507.69	24,507.69
01-Aug-15	200,737.23	31,986.26	232,723.49	19,100.04	65,238.81	84,338.85	148,384.63	0.00	148,384.63
01-Feb-16	0.00	38,713.57	38,713.57	16,931.93	67.86	16,999.79	0.00	21,713.78	21,713.78
01-Aug-16	205,516.69	26,617.84	232,134.53	16,931.93	65,133.86	82,065.79	150,068.74	0.00	150,068.74
01-Feb-17	0.00	33,715.72	33,715.72	14,712.19	67.86	14,780.05	0.00	18,935.67	18,935.67
01-Aug-17	210,296.15	25,115.82	235,411.97	14,712.19	66,978.88	81,691.07	153,720.90	0.00	153,720.90
01-Feb-18	0.00	28,512.47	28,512.47	12,440.83	67.86	12,508.69	0.00	16,003.78	16,003.78
01-Aug-18	215,075.61	26,317.13	241,392.74	12,440.83	70,235.39	82,676.22	158,716.52	0.00	158,716.52
01-Feb-19	0.00	23,189.89	23,189.89	10,117.86	67.86	10,185.72	0.00	13,004.17	13,004.17
01-Aug-19	224,634.52	13,994.06	238,628.58	10,117.86	66,842.14	76,960.00	161,668.58	0.00	161,668.58
01-Feb-20	0.00	17,733.70	17,733.70	7,691.64	67.86	7,759.50	0.00	9,974.20	9,974.20
01-Aug-20	229,413.98	12,371.05	241,785.03	7,691.64	68,873.45	76,565.09	165,219.93	0.00	165,219.93
01-Feb-21	0.00	12,068.13	12,068.13	5,213.80	67.86	5,281.66	0.00	6,786.47	6,786.47
01-Aug-21	238,972.89	12,068.13	251,041.02	5,213.80	71,589.67	76,803.47	174,237.55	0.00	174,237.55
01-Feb-22	0.00	6,093.81	6,093.81	2,632.71	67.86	2,700.57	0.00	3,393.24	3,393.24
01-Aug-22	243,752.35	6,093.81	249,846.16	2,632.71	71,589.67	74,222.38	175,623.78	0.00	175,623.78
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
01-Aug-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	3,470,719.97	1,668,554.63	5,139,274.60	770,106.79	1,243,500.85	2,013,607.64	2,642,235.91	483,431.05	3,125,666.96

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 8
Hull
CW-01-08
Final Loan Structuring Analysis

AMENDED SCHEDULE C

G.E.	50.00%

Schedule of Loan Repayments

Initial Loan Obligation:	3,470,719.97

	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayment		
Date	Principal	Interest	Total	DSRF Earnings	Contract Assistance	Total	Principal	Interest	Total
01-Feb-05	0.00	78,570.91	78,570.91	38,303.21	0.00	38,303.21	0.00	40,267.70	40,267.70
01-Aug-05	155,691.80	80,656.36	236,348.16	37,486.38	70,529.43	108,015.81	128,332.35	0.00	128,332.35
01-Feb-06	0.00	78,320.98	78,320.98	35,804.79	67.86	35,872.65	0.00	42,448.33	42,448.33
01-Aug-06	157,241.30	78,320.98	235,562.28	35,804.79	70,529.43	106,334.22	129,228.06	0.00	129,228.06
01-Feb-07	0.00	75,962.37	75,962.37	34,106.47	67.86	34,174.33	0.00	41,788.04	41,788.04
01-Aug-07	158,806.09	75,962.37	234,768.46	34,106.47	70,529.43	104,635.90	130,132.56	0.00	130,132.56
01-Feb-08	0.00	73,580.28	73,580.28	32,391.25	67.86	32,459.11	0.00	41,121.17	41,121.17
01-Aug-08	161,195.82	74,144.03	235,339.85	32,391.25	70,807.08	103,198.33	132,141.52	0.00	132,141.52
01-Feb-09	0.00	70,347.91	70,347.91	30,650.20	67.86	30,718.06	0.00	39,629.85	39,629.85
01-Aug-09	165,271.74	70,347.91	235,619.65	30,650.20	70,520.98	101,171.18	134,448.47	0.00	134,448.47
01-Feb-10	0.00	66,216.12	66,216.12	28,865.14	67.86	28,933.00	0.00	37,283.12	37,283.12
01-Aug-10	170,289.22	66,216.12	236,505.34	28,865.14	70,520.98	99,386.12	137,119.22	0.00	137,119.22
01-Feb-11	0.00	61,958.88	61,958.88	27,025.89	67.86	27,093.75	0.00	34,865.13	34,865.13
01-Aug-11	175,459.63	61,958.88	237,418.51	27,025.89	70,520.98	97,546.87	139,871.64	0.00	139,871.64
01-Feb-12	0.00	57,572.39	57,572.39	25,130.80	67.86	25,198.66	0.00	32,373.73	32,373.73
01-Aug-12	180,787.77	57,572.39	238,360.16	25,130.80	71,554.03	96,684.83	141,675.33	0.00	141,675.33
01-Feb-13	0.00	55,118.80	55,118.80	23,178.15	67.86	23,246.01	0.00	31,872.79	31,872.79
01-Aug-13	186,398.86	42,107.25	228,506.11	23,178.15	65,315.87	88,494.02	140,012.09	0.00	140,012.09
01-Feb-14	0.00	48,694.97	48,694.97	21,164.91	67.86	21,232.77	0.00	27,462.20	27,462.20
01-Aug-14	191,178.32	36,657.76	227,836.08	21,164.91	65,037.14	86,202.05	141,634.03	0.00	141,634.03
01-Feb-15	0.00	43,675.59	43,675.59	19,100.04	67.86	19,167.90	0.00	24,507.69	24,507.69
01-Aug-15	200,737.23	31,986.26	232,723.49	19,100.04	65,238.81	84,338.85	148,384.63	0.00	148,384.63
01-Feb-16	0.00	38,713.57	38,713.57	16,931.93	67.86	16,999.79	0.00	21,713.78	21,713.78
01-Aug-16	205,516.69	26,617.84	232,134.53	16,931.93	65,133.86	82,065.79	150,068.74	0.00	150,068.74
01-Feb-17	0.00	33,715.72	33,715.72	14,712.19	67.86	14,780.05	0.00	18,935.67	18,935.67
01-Aug-17	210,296.15	25,115.82	235,411.97	14,712.19	66,978.88	81,691.07	153,720.90	0.00	153,720.90
01-Feb-18	0.00	28,512.47	28,512.47	12,440.83	67.86	12,508.69	0.00	16,003.78	16,003.78
01-Aug-18	215,075.61	26,317.13	241,392.74	12,440.83	70,235.39	82,676.22	158,716.52	0.00	158,716.52
01-Feb-19	0.00	23,189.89	23,189.89	10,117.86	67.86	10,185.72	0.00	13,004.17	13,004.17
01-Aug-19	224,634.52	13,994.06	238,628.58	10,117.86	66,842.14	76,960.00	161,668.58	0.00	161,668.58
01-Feb-20	0.00	17,733.70	17,733.70	7,691.64	67.86	7,759.50	0.00	9,974.20	9,974.20
01-Aug-20	229,413.98	12,371.05	241,785.03	7,691.64	68,873.45	76,565.09	165,219.93	0.00	165,219.93
01-Feb-21	0.00	12,068.13	12,068.13	5,213.80	67.86	5,281.66	0.00	6,786.47	6,786.47
01-Aug-21	238,972.89	12,068.13	251,041.02	5,213.80	71,589.67	76,803.47	174,237.55	0.00	174,237.55
01-Feb-22	0.00	6,093.81	6,093.81	2,632.71	67.86	2,700.57	0.00	3,393.24	3,393.24
01-Aug-22	243,752.35	6,093.81	249,846.16	2,632.71	71,589.67	74,222.38	175,623.78	0.00	175,623.78
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
01-Aug-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	3,470,719.97	1,668,554.63	5,139,274.60	770,106.79	1,243,500.85	2,013,607.64	2,642,235.91	483,431.05	3,125,666.96

Massachusetts Water Pollution Abatement Trust
Water Pollution Abatement Revenue Bonds
(Pool Loan Program Bonds)
Series 9
Hull
CW-01-08A
Final Loan Structuring Analysis

AMENDED SCHEDULE C

Net Borrower Savings due to 2006 Refunding:	2,338.70
G.E.	50.00%

Schedule of Loan Repayments

Initial Loan Obligation:	149,769.55

	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayment		
Date	Principal	Interest	Total	DSRF Earnings	Contract Assistance	Total	Principal	Interest	Total
01-Feb-07	0.00	3,603.21	3,603.21	1,568.16	184.86	1,753.02	0.00	1,850.19	1,850.19
01-Aug-07	7,086.77	3,479.20	10,565.97	1,568.16	3,192.93	4,761.09	5,804.88	0.00	5,804.88
01-Feb-08	0.00	3,408.30	3,408.30	1,493.96	123.86	1,617.82	0.00	1,790.49	1,790.49
01-Aug-08	7,101.19	3,408.30	10,509.49	1,493.96	3,193.07	4,687.03	5,822.47	0.00	5,822.47
01-Feb-09	0.00	3,326.67	3,326.67	1,419.61	123.73	1,543.33	0.00	1,783.34	1,783.34
01-Aug-09	7,222.39	3,326.67	10,549.06	1,419.61	3,192.94	4,612.54	5,936.52	0.00	5,936.52
01-Feb-10	0.00	3,146.00	3,146.00	1,343.99	121.90	1,465.88	0.00	1,680.12	1,680.12
01-Aug-10	7,369.49	3,146.00	10,515.49	1,343.99	3,191.11	4,535.09	5,980.40	0.00	5,980.40
01-Feb-11	0.00	3,035.52	3,035.52	1,266.82	121.28	1,388.10	0.00	1,647.42	1,647.42
01-Aug-11	7,540.04	3,035.52	10,575.56	1,266.82	3,190.49	4,457.31	6,118.25	0.00	6,118.25
01-Feb-12	0.00	2,828.30	2,828.30	1,187.87	119.15	1,307.02	0.00	1,521.28	1,521.28
01-Aug-12	7,809.21	2,828.30	10,637.51	1,187.87	3,188.36	4,376.23	6,261.28	0.00	6,261.28
01-Feb-13	0.00	2,613.44	2,613.44	1,106.11	117.17	1,223.27	0.00	1,390.17	1,390.17
01-Aug-13	8,088.88	2,613.44	10,702.32	1,106.11	3,186.38	4,292.48	6,409.84	0.00	6,409.84
01-Feb-14	0.00	2,391.00	2,391.00	1,021.41	114.96	1,136.37	0.00	1,254.63	1,254.63
01-Aug-14	8,391.16	2,391.00	10,782.16	1,021.41	3,184.17	4,205.58	6,576.58	0.00	6,576.58
01-Feb-15	0.00	2,160.27	2,160.27	933.55	112.64	1,046.19	0.00	1,114.08	1,114.08
01-Aug-15	8,807.33	2,160.27	10,967.60	933.55	3,181.85	4,115.40	6,852.20	0.00	6,852.20
01-Feb-16	0.00	1,918.09	1,918.09	841.34	110.48	951.81	0.00	966.28	966.28
01-Aug-16	9,010.29	1,918.09	10,928.38	841.34	3,179.69	4,021.02	6,907.36	0.00	6,907.36
01-Feb-17	0.00	1,681.59	1,681.59	746.99	108.54	855.53	0.00	826.06	826.06
01-Aug-17	9,331.17	1,592.42	10,923.59	746.99	3,133.16	3,880.15	7,043.43	0.00	7,043.43
01-Feb-18	0.00	1,442.32	1,442.32	649.29	109.28	758.57	0.00	683.75	683.75
01-Aug-18	9,603.49	1,295.04	10,898.53	649.29	3,104.84	3,754.13	7,144.40	0.00	7,144.40
01-Feb-19	0.00	1,201.33	1,201.33	548.74	112.84	661.58	0.00	539.75	539.75
01-Aug-19	9,826.01	1,107.96	10,933.97	548.74	3,135.36	3,684.10	7,249.86	0.00	7,249.86
01-Feb-20	0.00	957.07	957.07	445.86	111.93	557.79	0.00	399.28	399.28
01-Aug-20	10,119.17	871.68	10,990.85	445.86	3,138.45	3,584.31	7,406.55	0.00	7,406.55
01-Feb-21	0.00	709.28	709.28	339.90	112.59	452.49	0.00	256.79	256.79
01-Aug-21	10,578.73	630.74	11,209.47	339.90	3,142.53	3,482.44	7,727.04	0.00	7,727.04
01-Feb-22	0.00	457.26	457.26	229.14	117.09	346.23	0.00	111.02	111.02
01-Aug-22	10,851.05	309.56	11,160.61	229.14	3,132.97	3,362.11	7,798.50	0.00	7,798.50
01-Feb-23	0.00	234.83	234.83	115.52	119.31	234.84	0.00	0.00	0.00
01-Aug-23	11,033.18	0.00	11,033.18	115.52	3,102.41	3,217.93	7,815.25	0.00	7,815.25
01-Feb-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	$149,769.55	$69,228.71	$218,998.26	$30,516.55	$55,812.24	$86,328.79	$114,854.82	$17,814.65	$132,669.47

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

Hull
CW-01-08A

Final Loan Structuring Analysis
Schedule of Loan Repayments

Remaining Loan Obligation:	**$156,749.33**

	Scheduled Loan Repayments			Loan Subsidy Amounts			Net Loan Repayments		
	Principal	Interest	Total	Equity Earnings	Contract Assistance Payments	Total	Principal	Interest	Total
03-Nov-05									
01-Feb-06	0.00	1,875.09	1,875.09	814.58	107.37	921.95	0.00	953.14	953.14
01-Aug-06	6,979.78	3,779.39	10,759.17	1,641.37	3,257.62	4,898.99	5,860.18	0.00	5,860.18
01-Feb-07	0.00	3,604.93	3,604.93	1,568.32	186.58	1,754.90	0.00	1,850.03	1,850.03
01-Aug-07	7,086.77	3,604.93	10,691.70	1,568.32	3,255.79	4,824.11	5,867.59	0.00	5,867.59
01-Feb-08	0.00	3,534.03	3,534.03	1,494.01	186.72	1,680.73	0.00	1,853.30	1,853.30
01-Aug-08	7,101.19	3,534.03	10,635.22	1,494.01	3,255.93	4,749.94	5,885.28	0.00	5,885.28
01-Feb-09	0.00	3,452.40	3,452.40	1,419.69	186.59	1,606.28	0.00	1,846.12	1,846.12
01-Aug-09	7,222.39	3,452.40	10,674.79	1,419.69	3,255.80	4,675.49	5,999.30	0.00	5,999.30
01-Feb-10	0.00	3,271.73	3,271.73	1,343.95	184.76	1,528.71	0.00	1,743.02	1,743.02
01-Aug-10	7,369.49	3,271.73	10,641.22	1,343.95	3,253.97	4,597.92	6,043.30	0.00	6,043.30
01-Feb-11	0.00	3,161.25	3,161.25	1,266.90	184.14	1,451.04	0.00	1,710.21	1,710.21
01-Aug-11	7,540.04	3,161.25	10,701.29	1,266.90	3,253.35	4,520.25	6,181.04	0.00	6,181.04
01-Feb-12	0.00	2,954.03	2,954.03	1,188.07	182.01	1,370.08	0.00	1,583.95	1,583.95
01-Aug-12	7,809.21	2,954.03	10,763.24	1,188.07	3,251.22	4,439.29	6,323.95	0.00	6,323.95
01-Feb-13	0.00	2,739.17	2,739.17	1,106.03	180.03	1,286.06	0.00	1,453.11	1,453.11
01-Aug-13	8,088.88	2,739.17	10,828.05	1,106.03	3,249.24	4,355.27	6,472.78	0.00	6,472.78
01-Feb-14	0.00	2,516.73	2,516.73	1,021.39	177.82	1,199.21	0.00	1,317.52	1,317.52
01-Aug-14	8,391.16	2,516.73	10,907.89	1,021.39	3,247.03	4,268.42	6,639.47	0.00	6,639.47
01-Feb-15	0.00	2,286.00	2,286.00	933.69	175.50	1,109.19	0.00	1,176.81	1,176.81
01-Aug-15	8,807.33	2,286.00	11,093.33	933.69	3,244.71	4,178.40	6,914.93	0.00	6,914.93
01-Feb-16	0.00	2,043.82	2,043.82	841.47	173.34	1,014.81	0.00	1,029.01	1,029.01
01-Aug-16	9,010.29	2,043.82	11,054.11	841.47	3,242.55	4,084.02	6,970.09	0.00	6,970.09
01-Feb-17	0.00	1,807.32	1,807.32	747.05	171.40	918.45	0.00	888.87	888.87
01-Aug-17	9,331.17	1,807.32	11,138.49	747.05	3,240.61	3,987.66	7,150.83	0.00	7,150.83
01-Feb-18	0.00	1,562.25	1,562.25	649.35	169.24	818.59	0.00	743.66	743.66
01-Aug-18	9,603.49	1,562.25	11,165.74	649.35	3,238.44	3,887.79	7,277.95	0.00	7,277.95
01-Feb-19	0.00	1,310.25	1,310.25	548.80	167.30	716.10	0.00	594.15	594.15
01-Aug-19	9,826.01	1,310.25	11,136.26	548.80	3,236.51	3,785.31	7,350.95	0.00	7,350.95
01-Feb-20	0.00	1,064.48	1,064.48	445.70	165.64	611.34	0.00	453.14	453.14
01-Aug-20	10,119.17	1,064.48	11,183.65	445.70	3,234.85	3,680.55	7,503.10	0.00	7,503.10
01-Feb-21	0.00	811.62	811.62	340.00	163.76	503.76	0.00	307.86	307.86
01-Aug-21	10,578.73	811.62	11,390.35	340.00	3,232.97	3,572.97	7,817.38	0.00	7,817.38
01-Feb-22	0.00	547.11	547.11	229.18	162.02	391.20	0.00	155.91	155.91
01-Aug-22	10,851.05	547.11	11,398.16	229.18	3,231.23	3,460.41	7,937.75	0.00	7,937.75
01-Feb-23	0.00	275.87	275.87	115.66	160.21	275.87	0.00	0.00	0.00
01-Aug-23	11,033.18	275.87	11,309.05	115.66	3,229.42	3,345.08	7,963.97	0.00	7,963.97
01-Feb-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Feb-27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-Aug-27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	156,749.33	79,540.46	236,289.79	32,974.47	61,495.67	94,470.14	122,159.84	19,659.81	141,819.65

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

Hull
CW-01-08A

Schedule of Administrative Fee [After Novemeber 3, 2005]

Date	Principal Outstanding	Administrative Fee Payable @ 0.075%
03-Nov-05		
01-Feb-06	156,749.33	57.47
01-Aug-06	156,749.33	117.56
01-Feb-07	149,769.55	112.33
01-Aug-07	149,769.55	112.33
01-Feb-08	142,682.78	107.01
01-Aug-08	142,682.78	107.01
01-Feb-09	135,581.59	101.69
01-Aug-09	135,581.59	101.69
01-Feb-10	128,359.20	96.27
01-Aug-10	128,359.20	96.27
01-Feb-11	120,989.71	90.74
01-Aug-11	120,989.71	90.74
01-Feb-12	113,449.67	85.09
01-Aug-12	113,449.67	85.09
01-Feb-13	105,640.46	79.23
01-Aug-13	105,640.46	79.23
01-Feb-14	97,551.58	73.16
01-Aug-14	97,551.58	73.16
01-Feb-15	89,160.42	66.87
01-Aug-15	89,160.42	66.87
01-Feb-16	80,353.09	60.26
01-Aug-16	80,353.09	60.26
01-Feb-17	71,342.80	53.51
01-Aug-17	71,342.80	53.51
01-Feb-18	62,011.63	46.51
01-Aug-18	62,011.63	46.51
01-Feb-19	52,408.14	39.31
01-Aug-19	52,408.14	39.31
01-Feb-20	42,582.13	31.94
01-Aug-20	42,582.13	31.94
01-Feb-21	32,462.96	24.35
01-Aug-21	32,462.96	24.35
01-Feb-22	21,884.23	16.41
01-Aug-22	21,884.23	16.41
01-Feb-23	11,033.18	8.27
01-Aug-23	11,033.18	8.27
01-Feb-24	0.00	0.00
01-Aug-24	0.00	0.00
01-Feb-25	0.00	0.00
01-Aug-25	0.00	0.00
01-Feb-26	0.00	0.00
01-Aug-26	0.00	0.00
01-Feb-27	0.00	0.00
		$2,360.93