

**Massachusetts Clean Water Trust  
DEBT SERVICE - PRINCIPAL & INTEREST**

PROGRAM	POOL	POOL	POOL	POOL	POOL	POOL	POOL	POOL	POOL	POOL	POOL	POOL	POOL	POOL	POOL	POOL	POOL	POOL	POOL	POOL	POOL	POOL
Bond Issue	SERIES 6	SERIES 7	SERIES 8	SERIES 9	SERIES 11	SERIES 12	SERIES 14	SERIES 15A (TE)	SERIES 15B (BABs)	SERIES 16A & 16B	SERIES 17A (TE)	SERIES 18	SERIES 19	SERIES 20	SERIES 21	REFUNDING SERIES 2004A	REFUNDING SERIES 2006	REFUNDING SERIES 2009A	REFUNDING SERIES 2010A	REFUNDING SERIES 2012A&B	REFUNDING SERIES 2014	
Date	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	
08/01/2019	346,394	32,619	1,195,625	1,519,869	12,672,719	399,525	16,341,875	20,689,875	6,557,366	13,023,294	3,908,500	4,864,450	4,247,900	4,833,500	10,028,856	38,957,113	34,645,076	18,648,925	56,850	1,096,375	36,161,150	
02/01/2020	79,569	277,619	124,500	192,494	444,950	399,525		512,750	6,557,366	2,327,344	12,188,500	13,304,450	12,887,900	11,908,500	3,776,356	9,267,100	7,618,783		2,576,850	1,096,375	9,310,025	
08/01/2020	334,569	26,494	939,500	1,302,494	994,950	399,525		21,022,750	6,557,366	13,162,344	3,701,500	4,659,200	4,031,900	4,656,625	10,151,356	29,686,775	49,338,783			1,096,375	64,245,025	
02/01/2021	72,875	276,494	104,125	164,744	431,938	399,525			6,557,366	2,065,644	12,301,500	13,374,200	13,016,900	11,861,625	3,626,156	8,250,569	6,541,033			1,096,375	7,948,250	
08/01/2021	997,875	20,244	679,125	1,069,744	741,938	399,525			9,557,366	2,630,644	3,486,500	4,455,675	3,807,275	4,476,500	10,196,156	12,918,000	52,106,033			13,006,375	54,828,250	
02/01/2022	47,438	420,244	89,750	142,119	424,313	399,525			6,479,486	2,051,519	12,421,500	13,450,675	13,107,275	11,936,500	3,461,906	1,973,119	5,362,395			798,625	6,785,400	
08/01/2022	932,438	9,994	399,750	827,119	15,554,313	399,525			28,469,486	2,636,519	3,263,125	4,232,800	3,574,775	4,290,000	10,246,906	10,797,406	36,012,395			17,698,625	54,905,400	
02/01/2023	23,100	399,994	82,000	124,994	27,150	399,525			5,908,626	2,036,894	12,548,125	13,547,800	13,239,775	11,960,000	3,326,206	1,899,250	4,767,785			376,125	5,582,400	
08/01/2023	863,100		897,000	564,994	597,150	399,525			28,383,626	2,586,894	3,031,000	4,009,025	3,333,150	4,098,250	10,271,206	8,632,763	51,372,785			376,125	54,382,400	
02/01/2024			61,625	114,450	13,981	399,525			5,325,175	2,023,144	12,411,000	13,634,025	13,378,150	12,048,250	3,248,075	1,678,563	3,858,988			376,125	4,375,225	
08/01/2024			881,625	1,209,450	323,981	399,525			28,290,175	2,598,144	2,796,500	3,796,375	3,082,025	3,899,500	10,243,075	4,251,288	37,588,988			596,125	54,090,225	
02/01/2025			41,125	85,706	6,650	399,525			4,729,003	2,008,769	12,546,500	13,716,375	13,532,025	12,134,500	3,073,200	825,500	2,992,563			370,625	3,132,350	
08/01/2025			861,125	1,180,706	286,650	399,525			27,834,003	2,603,769	2,552,750	3,548,375	2,820,775	3,693,625	10,303,200	3,416,863	25,047,563			420,625	54,767,350	
02/01/2026			20,625	56,963		399,525			4,129,198	1,993,894	12,687,750	13,798,375	13,690,775	12,228,625	2,892,450	9,713	2,433,244			369,375	1,841,475	
08/01/2026			845,625	1,146,963		23,229,525			27,704,198	14,313,894	2,299,375	3,292,125	2,549,025	3,480,250	10,372,450	324,713	12,223,244			684,375	33,121,475	
02/01/2027				28,350					3,517,191	1,809,094	12,839,375	13,922,125	11,044,025	12,335,250	2,724,500	1,444	2,176,256			361,500	1,059,475	
08/01/2027				1,108,350					27,592,191	12,774,094	2,035,875	3,026,375	2,336,650	3,258,875	10,419,500	56,444	9,956,256			681,500	40,724,475	
02/01/2028									2,892,204	1,644,619	11,910,875	14,046,375	11,176,650	12,358,875	2,532,125		1,972,031			353,500	165,750	
08/01/2028									27,207,204	12,754,619	1,789,000	2,750,875	2,115,650	3,031,375	10,497,125		12,707,031			683,500	6,795,750	
02/01/2029									2,260,986	1,477,969	12,004,000	14,185,875	11,315,650	12,476,375	2,333,000		1,690,238			345,250		
08/01/2029									27,105,986	12,777,969	1,533,625	2,465,000	1,885,650	2,795,250	10,278,000		13,015,238			680,250		
02/01/2030									1,616,010	1,294,344	12,158,625	14,325,000	11,455,650	12,590,250	2,134,375		1,392,956			336,875		
08/01/2030									27,001,010	12,849,344	1,268,000	1,646,400	2,550,375	10,359,375			13,357,956			6,051,875		
02/01/2031									957,015	1,106,575	12,328,000	13,673,500	11,606,400	12,710,375	1,928,750		1,078,875			194,000		
08/01/2031									4,282,015	12,211,575	991,500	1,880,875	1,397,400	2,296,375	10,448,750		13,693,875			4,299,000		
02/01/2032									870,698	856,713	12,261,500	13,815,875	11,292,400	12,846,375	1,715,750		747,731			91,375		
08/01/2032									4,275,698	12,356,713	709,750	1,582,500	1,199,500	2,032,625	10,545,750		13,952,731			3,746,375		
02/01/2033									782,305	611,825	12,444,750	13,962,500	11,399,500	12,982,625	1,495,000		401,100					
08/01/2033									4,262,305	3,001,825	416,375	1,273,000	995,500	1,758,875	10,635,000		9,786,100					
02/01/2034									691,964	556,075	18,213,375	14,118,000	11,515,500	13,138,875	1,266,500		154,744					
08/01/2034									4,251,964	3,041,075	381,250	951,875	785,100	1,474,375	10,671,500		6,049,744					
02/01/2035									599,546	498,100	1,841,250	14,286,875	11,630,100	13,294,375	1,031,375							
08/01/2035									4,239,546	3,078,100	344,750	618,500	568,200	1,178,875	10,781,375							
02/01/2036									505,052	437,875	1,854,750	2,753,500	11,758,200	13,458,875	787,625							
08/01/2036									4,225,052	3,117,875	307,000	565,125	344,400	871,875	10,902,625							
02/01/2037									408,481	375,275	1,872,000	2,770,125	1,979,400	13,636,875	534,750							
08/01/2037									4,213,481	3,160,275	267,875	510,000	311,700	552,750	11,029,750							
02/01/2038									309,703	310,200	1,892,875	2,780,000	1,966,700	2,432,750	272,375							
08/01/2038									4,199,703	3,210,200	227,250	453,250	278,600	505,750	11,167,375							
02/01/2039									208,718	252,200	1,912,250	2,798,250	1,953,600	2,450,750								
08/01/2039									4,183,718	3,247,200	185,125	394,625	245,100	457,125								
02/01/2040									105,527	192,300	1,935,125	2,814,625	1,940,100	2,472,125								
08/01/2040									4,170,527	3,287,300	141,375	334,125	211,200	406,750								
02/01/2041										130,400	1,956,375	2,834,125	1,921,200	2,491,750								
08/01/2041										3,335,400	96,000	271,625	177,000	354,625								
02/01/2042										66,300	1,981,000	2,851,625	1,907,000	2,514,625								
08/01/2042										48,875	3,381,300	207,125	142,400	300,625								
02/01/2043											2,003,875	2,877,125	1,892,400	2,535,625								
08/01/2043												140,375	107,400	244,750								
02/01/2044												2,900,375	1,877,400	2,559,750								
08/01/2044												71,375	72,000	186,875								
02/01/2045												2,926,375	1,862,000	2,591,875								
08/01/2045													36,200	126,750								
02/01/2046													1,846,200	2,611,750								
08/01/2046														64,625								
02/01/2047														2,649,625								
<b>Aug 2019-Maturity</b>																						
<b>Total</b>	<b>3,697,356</b>	<b>1,463,700</b>	<b>7,223,125</b>	<b>10,839,506</b>	<b>32,520,681</b>	<b>28,822,875</b>	<b>16,341,875</b>	<b>42,225,375</b>	<b>369,975,606</b>	<b>187,267,431</b>	<b>227,905,750</b>	<b>301,991,300</b>	<b>268,495,750</b>	<b>309,095,500</b>	<b>251,709,806</b>	<b>132,946,619</b>	<b>434,042,516</b>	<b>18,648,925</b>	<b>2,633,700</b>	<b>57,283,625</b>	<b>494,221,850</b>	

Note: Amounts in green color for Pool Series 8, 11 and MWRA 02A include defessed principal (re-amortized principal)

**Massachusetts Clean Water Trust  
DEBT SERVICE - PRINCIPAL & INTEREST**

PROGRAM	MTA SINGLE OBLIGOR		SINGLE OBLIGOR	
	REFUNDING	MWRA	MWRA	TOTAL
Bond Issue	SERIES 2017	SERIES 1999A	SERIES 2002A	
Date	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE
08/01/2019	2,407,000	16,590,544	968,575	250,193,974
02/01/2020	2,407,000	110,544	142,444	97,510,942
08/01/2020	2,407,000	110,544	897,444	219,722,517
02/01/2021	2,407,000	110,544	122,625	90,729,486
08/01/2021	28,157,000	110,544	822,625	204,467,392
02/01/2022	1,763,250	110,544	104,250	81,329,831
08/01/2022	12,583,250	110,544	739,250	207,683,619
02/01/2023	1,492,750	110,544	88,375	77,941,417
08/01/2023	11,612,750	110,544	653,375	186,175,661
02/01/2024	1,239,750	110,544	74,250	74,370,844
08/01/2024	15,904,750	1,350,544	604,250	171,906,544
02/01/2025	873,125	74,894	61,000	70,603,435
08/01/2025	12,718,125	1,019,894	551,000	154,025,922
02/01/2026	577,000	47,725	48,750	67,225,460
08/01/2026	6,172,000	752,725	493,750	143,005,710
02/01/2027	437,125	27,456	37,625	62,320,791
08/01/2027	6,152,125	552,456	437,625	121,112,791
02/01/2028	294,250	12,363	27,625	59,387,241
08/01/2028	6,149,250	337,363	372,625	87,191,366
02/01/2029	147,875	3,019	19,000	58,259,236
08/01/2029	6,062,875	108,019	309,000	79,016,861
02/01/2030			11,750	57,315,835
08/01/2030			236,750	77,489,585
02/01/2031			6,125	55,589,615
08/01/2031			166,125	51,667,490
02/01/2032			2,125	54,500,542
08/01/2032			87,125	50,488,767
02/01/2033				54,079,605
08/01/2033				32,128,980
02/01/2034				43,263,033
08/01/2034				27,606,883
02/01/2035				43,181,621
08/01/2035				20,809,346
02/01/2036				31,555,877
08/01/2036				20,333,952
02/01/2037				21,576,906
08/01/2037				20,045,831
02/01/2038				9,964,603
08/01/2038				20,042,128
02/01/2039				9,575,768
08/01/2039				8,712,893
02/01/2040				9,459,802
08/01/2040				8,551,277
02/01/2041				9,333,850
08/01/2041				4,234,650
02/01/2042				9,320,550
08/01/2042				4,080,325
02/01/2043				9,309,025
08/01/2043				492,525
02/01/2044				7,337,525
08/01/2044				330,250
02/01/2045				7,380,250
08/01/2045				162,950
02/01/2046				4,457,950
08/01/2046				64,625
02/01/2047				2,649,625
<b>Aug 2019-Matur</b>				
<b>Total</b>	<b>121,965,250</b>	<b>21,871,894</b>	<b>8,085,463</b>	<b>3,351,275,479</b>