

Massachusetts Clean Water Trust																					
DEBT SERVICE - PRINCIPAL																					
PROGRAM	POOL	POOL	POOL	POOL	POOL	POOL	POOL	POOL	POOL	POOL	POOL	MTA	MTA	MTA	POOL	POOL	POOL	POOL	POOL	POOL	MTA
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	REFUNDING SERIES 2004A	REFUNDING SERIES 2006	REFUNDING SERIES 2009A	REFUNDING SERIES 2010A	REFUNDING SERIES 2012A&B	REFUNDING SERIES 2014	REFUNDING SERIES 2017
Date	Principal	Principal	Principal	Principal	Principal	Principal	Principal	Principal	Principal	Principal	Principal	Principal	Principal	Principal	Principal	Principal	Principal	Principal	Principal	Principal	Principal
02/01/2018											7,680,000	7,990,000	8,050,000	7,040,000	6,660,000			2,285,000		-	
08/01/2018			1,255,000	3,620,000	12,425,000		17,565,000	18,900,000		10,070,000					34,640,000	22,880,000	16,495,000		2,485,000	31,445,000	
02/01/2019		245,000									7,975,000	8,205,000	8,320,000	6,970,000	6,790,000			2,395,000		-	
08/01/2019	260,000		1,045,000	1,295,000	11,915,000		15,965,000	19,685,000		10,440,000					35,810,000	26,335,000	18,275,000			26,205,000	
02/01/2020		245,000									8,280,000	8,440,000	8,640,000	7,075,000	7,060,000			2,520,000			
08/01/2020	255,000		815,000	1,110,000	550,000		3,975,000	20,510,000		10,835,000					27,665,000	41,720,000	12,670,000			54,935,000	
02/01/2021		250,000									8,600,000	8,715,000	8,985,000	7,205,000	6,955,000			2,655,000			
08/01/2021	925,000		575,000	905,000	310,000				3,000,000	565,000					11,805,000	45,565,000	13,330,000		11,910,000	46,880,000	25,750,000
02/01/2022		400,000									8,935,000	8,995,000	9,300,000	7,460,000	1,170,000			2,765,000			
08/01/2022	885,000		310,000	685,000	15,130,000				21,990,000	585,000					10,025,000	30,650,000	14,105,000		16,900,000	48,120,000	10,820,000
02/01/2023		390,000									9,285,000	9,315,000	9,665,000	7,670,000	1,390,000			2,895,000			
08/01/2023	840,000		815,000	440,000	570,000				22,475,000	550,000					8,160,000	46,605,000	14,870,000			48,800,000	10,120,000
02/01/2024											9,380,000	9,625,000	10,045,000	7,950,000	1,420,000			3,040,000			
08/01/2024			820,000	1,095,000	310,000				22,965,000	575,000					4,030,000	33,730,000	10,705,000		220,000	49,715,000	14,665,000
02/01/2025											9,750,000	9,920,000	10,450,000	8,235,000	710,000			3,200,000			
08/01/2025			820,000	1,095,000	280,000				23,105,000	595,000					3,320,000	22,055,000	8,640,000		50,000	51,635,000	11,845,000
02/01/2026											10,135,000	10,250,000	10,870,000	8,535,000				3,320,000			
08/01/2026			825,000	1,090,000		22,830,000			23,575,000	12,320,000					315,000	9,790,000	8,605,000		315,000	31,280,000	5,595,000
02/01/2027											10,540,000	10,630,000	8,495,000	8,855,000							
08/01/2027				1,080,000					24,075,000	10,965,000					55,000	7,780,000	6,700,000			39,665,000	5,715,000
02/01/2028											9,875,000	11,020,000	8,840,000	9,100,000					320,000		
08/01/2028							19,575,000		24,315,000	11,110,000						10,735,000	7,075,000		330,000	6,630,000	5,855,000
02/01/2029											10,215,000	11,435,000	9,200,000	9,445,000							
08/01/2029							6,235,000		24,845,000	11,300,000						11,325,000	2,995,000		335,000		5,915,000
02/01/2030											10,625,000	11,860,000	9,570,000	9,795,000							
08/01/2030							6,440,000		25,385,000	11,555,000						11,965,000			5,715,000		
02/01/2031											11,060,000	11,505,000	9,960,000	10,160,000							
08/01/2031							6,650,000		3,325,000	11,105,000						12,615,000			4,105,000		
02/01/2032											11,270,000	11,935,000	9,895,000	10,550,000							
08/01/2032							6,870,000		3,405,000	11,500,000						13,205,000			3,655,000		
02/01/2033											11,735,000	12,380,000	10,200,000	10,950,000							
08/01/2033							7,100,000		3,480,000	2,390,000						9,385,000					
02/01/2034											1,405,000	12,845,000	10,520,000	11,380,000							
08/01/2034							7,335,000		3,560,000	2,485,000						5,895,000					
02/01/2035											1,460,000	13,335,000	10,845,000	11,820,000							
08/01/2035							7,580,000		3,640,000	2,580,000											
02/01/2036											1,510,000	2,135,000	11,190,000	12,280,000							
08/01/2036							7,780,000		3,720,000	2,680,000											
02/01/2037											1,565,000	2,205,000	1,635,000	12,765,000							
08/01/2037							8,040,000		3,805,000	2,785,000											
02/01/2038											1,625,000	2,270,000	1,655,000	1,880,000							
08/01/2038							8,305,000		3,890,000	2,900,000											
02/01/2039											1,685,000	2,345,000	1,675,000	1,945,000							
08/01/2039											3,975,000	2,995,000									
02/01/2040												1,750,000	2,420,000	1,695,000	2,015,000						
08/01/2040											4,065,000	3,095,000									
02/01/2041												1,815,000	2,500,000	1,710,000	2,085,000						
08/01/2041											3,205,000										
02/01/2042												1,885,000	2,580,000	1,730,000	2,160,000						
08/01/2042											3,315,000										
02/01/2043												1,955,000	2,670,000	1,750,000	2,235,000						
08/01/2043																					
02/01/2044												2,760,000	1,770,000	2,315,000							
08/01/2044																					
02/01/2045												2,855,000	1,790,000	2,405,000							
08/01/2045																					
02/01/2046													1,810,000	2,485,000							
08/01/2046																					
02/01/2047														2,585,000							
Feb 2018-Maturity																					
Total	3,165,000	1,530,000	7,280,000	12,415,000	41,490,000	22,830,000	129,415,000	59,095,000	252,595,000	142,500,000	171,995,000	213,140,000	200,260,000	207,350,000	167,980,000	362,235,000	134,465,000	25,075,000	46,340,000	435,310,000	96,280,000
Note: Principal amount in green for Pool Series 8, 11 and MWRA 02A includes defeased principal (re-amortized principal)																					

Massachusetts Clean Water Trust			
DEBT SERVICE - PRINCIPAL			
PROGRAM	SINGLE OBLIGOR	SINGLE OBLIGOR	
Bond Issue	MWRA	MWRA	Total
	<u>SERIES 1992A</u>	<u>SERIES 2002A</u>	
	Principal	Principal	Principal
Date			
02/01/2018			39,705,000
08/01/2018	16,750,000	850,000	189,380,000
02/01/2019			40,900,000
08/01/2019	16,000,000	805,000	184,035,000
02/01/2020			42,260,000
08/01/2020		755,000	175,795,000
02/01/2021			43,365,000
08/01/2021		700,000	162,220,000
02/01/2022			39,025,000
08/01/2022		635,000	170,840,000
02/01/2023			40,610,000
08/01/2023		565,000	154,810,000
02/01/2024			41,460,000
08/01/2024	1,240,000	530,000	140,600,000
02/01/2025			42,265,000
08/01/2025	945,000	490,000	124,875,000
02/01/2026			43,110,000
08/01/2026	705,000	445,000	117,690,000
02/01/2027			38,520,000
08/01/2027	525,000	400,000	97,280,000
02/01/2028			38,835,000
08/01/2028	325,000	345,000	86,295,000
02/01/2029			40,295,000
08/01/2029	105,000	290,000	63,345,000
02/01/2030			41,850,000
08/01/2030		225,000	61,285,000
02/01/2031			42,685,000
08/01/2031		160,000	37,960,000
02/01/2032			43,650,000
08/01/2032		85,000	38,720,000
02/01/2033			45,265,000
08/01/2033			22,355,000
02/01/2034			36,150,000
08/01/2034			19,275,000
02/01/2035			37,460,000
08/01/2035			13,800,000
02/01/2036			27,115,000
08/01/2036			14,180,000
02/01/2037			18,170,000
08/01/2037			14,630,000
02/01/2038			7,430,000
08/01/2038			15,095,000
02/01/2039			7,650,000
08/01/2039			6,970,000
02/01/2040			7,880,000
08/01/2040			7,160,000
02/01/2041			8,110,000
08/01/2041			3,205,000
02/01/2042			8,355,000
08/01/2042			3,315,000
02/01/2043			8,610,000
08/01/2043			-
02/01/2044			6,845,000
08/01/2044			-
02/01/2045			7,050,000
08/01/2045			-
02/01/2046			4,295,000
08/01/2046			-
02/01/2047			2,585,000
Feb 2018-Maturity			-
Total	36,595,000	7,280,000	2,776,620,000