

Massachusetts Clean Water Trust
Borrower Payments - Combined -- Clean Water (CW) & Drinking Water (DW)

	POOL	POOL	POOL	POOL	POOL	POOL	POOL	POOL	POOL	POOL	POOL	POOL	POOL	POOL	POOL	POOL	POOL	POOL
Bond Issue	Direct Loans	2004 Refunding	Pool 6	Pool 7	Pool 8	Pool 9	2006 Refunding	Pool 11	Pool 12	2014 Refunding	Pool 14	Pool 15	Pool 16 Leveraged	Principal	Interest	Pool 17 Leveraged	Principal	Interest
Date		(Formerly Pool 5)					(Formerly Pool 10)			(Formerly Pool 13)				Pool 16 Pledged	Pool 16 Pledged		Pool 17 Pledged	Pool 17 Pledged
02/01/2023	1,224	341,830	579,497	1,168,267	404,241	772,232	1,204,168	789,172	1,611,105	1,755,865	2,059,408	2,299,162	1,392,012	-	545,345	12,762,061	1,409,177	596,515
08/01/2023	630,594	1,745,511	3,562,813	217,800	1,744,594	14,508,635	15,561,205	15,360,824	22,153,869	18,279,373	19,889,366	24,735,584	13,317,524	5,603,345	545,345	1,128,672	3,071,830	581,634
02/01/2024	1,023	289,999	502,451	657,895	369,477	732,920	997,282	664,349	1,413,865	1,582,411	1,875,403	2,079,553	1,287,786	-	498,770	12,613,464	1,441,419	554,883
08/01/2024	630,803	2,401,670	2,082,672	189,736	1,784,830	3,905,826	15,676,646	15,485,658	22,151,729	18,431,756	19,874,516	24,975,717	13,448,885	5,726,881	498,770	1,029,824	3,139,696	539,660
02/01/2025	819	236,221	463,775	807,085	333,486	661,978	889,229	536,924	1,213,845	1,405,167	1,689,406	1,855,374	1,181,210	-	451,180	12,741,320	1,474,403	512,315
08/01/2025	631,012	2,457,892	3,713,895	160,691	1,823,839	3,989,382	5,000,104	15,602,776	22,355,962	18,467,766	20,048,616	24,861,570	13,526,774	5,853,156	451,180	928,826	3,209,060	496,741
02/01/2026	610	180,658	380,367	1,305,018	296,269	588,210	802,983	406,841	1,009,564	1,224,852	1,499,500	1,630,121	1,072,231	-	402,551	12,872,074	1,508,149	468,787
08/01/2026	631,225	2,512,330	3,820,487	130,663	1,871,622	4,063,119	5,087,401	3,579,080	22,564,551	18,652,030	20,122,855	25,065,526	13,663,932	5,982,223	402,551	825,630	3,279,962	452,855
02/01/2027	398	123,311	293,731	1,334,991	257,661	511,797	713,455	370,249	800,930	1,040,593	1,306,636	1,400,602	960,795	-	352,860	13,005,806	1,542,667	424,280
08/01/2027	631,442	2,579,983	3,903,852	99,654	1,913,014	4,142,660	5,189,740	3,616,526	7,223,798	18,840,311	20,152,175	25,303,162	12,192,510	6,114,146	352,860	720,190	3,352,435	407,980
02/01/2028	181	63,937	204,208	1,368,981	217,744	432,554	631,680	332,804	727,865	852,305	1,111,226	1,166,438	862,962	-	302,084	12,038,865	1,302,061	378,770
08/01/2028	618,477	2,655,608	3,999,328	67,582	1,953,097	4,220,966	5,264,996	3,654,848	7,298,572	7,171,539	20,179,216	25,272,346	12,246,060	6,248,996	302,084	623,490	3,426,514	364,854
02/01/2029	91	-	111,541	1,406,909	176,518	350,481	535,677	294,484	653,087	776,032	911,620	930,267	762,909	-	250,201	12,112,455	1,332,194	334,995
08/01/2029	618,568	2,641,672	4,081,662	34,364	2,001,871	4,314,802	5,367,352	3,694,061	7,375,105	7,249,675	7,662,665	25,531,060	12,341,924	6,386,832	250,201	524,685	3,177,540	320,754
02/01/2030	-	15,902	1,443,691	133,820	265,200	435,898	255,270	255,270	576,554	697,895	829,899	689,174	660,897	-	197,184	12,242,265	1,363,030	293,478
08/01/2030	245,000	4,096,023	-	2,054,173	4,416,922	5,476,043	3,734,189	7,453,434	7,329,721	7,746,390	25,795,163	12,471,457	6,527,723	197,184	423,726	3,247,879	278,904	288,904
02/01/2031	-	-	1,449,327	89,568	176,522	332,149	215,140	498,226	617,849	746,175	443,055	556,569	-	143,010	12,375,032	1,394,584	251,020	251,020
08/01/2031	-	-	2,099,921	4,507,341	5,605,942	3,775,256	7,533,600	7,411,724	7,832,167	3,749,326	11,938,707	5,844,509	143,010	320,567	3,284,518	236,107	236,107	236,107
02/01/2032	-	-	43,843	84,636	223,943	174,075	418,060	535,847	660,399	403,379	456,219	-	95,925	12,275,197	1,426,875	207,954	207,954	207,954
08/01/2032	-	-	2,104,196	4,592,205	5,707,212	3,817,280	7,615,648	7,495,731	7,920,043	3,789,965	12,067,632	5,974,993	95,925	217,515	3,357,304	192,693	192,693	192,693
02/01/2033	-	-	-	111,758	132,050	336,012	451,841	572,521	362,740	353,573	-	47,799	12,411,448	1,459,918	163,912	163,912	163,912	163,912
08/01/2033	-	-	4,591,727	5,822,156	3,860,284	7,699,620	7,581,787	8,010,078	3,831,590	3,010,456	962,881	47,799	142,583	389,232	148,295	148,295	148,295	148,295
02/01/2034	-	-	-	1,385	89,045	252,039	365,782	482,489	321,114	322,089	-	42,703	1,793,427	773,085	143,682	143,682	143,682	143,682
08/01/2034	-	-	6,355,273	3,904,296	7,657,562	3,904,296	7,657,562	3,904,296	8,102,314	3,874,228	3,046,779	987,456	42,703	194,288	399,166	134,573	134,573	134,573
02/01/2035	-	-	-	45,036	167,597	277,621	390,251	278,477	390,251	278,477	-	37,477	1,815,278	792,719	129,843	129,843	129,843	129,843
08/01/2035	-	-	-	3,949,330	7,437,163	7,760,265	8,196,813	3,917,903	3,084,031	1,012,656	56,990	174,836	409,353	120,501	120,501	120,501	120,501	120,501
02/01/2036	-	-	-	84,770	187,306	295,753	234,804	256,690	-	-	83,599	1,837,696	812,852	115,650	115,650	115,650	115,650	115,650
08/01/2036	-	-	-	7,521,930	7,852,787	8,243,476	3,962,637	3,122,233	1,016,902	83,599	154,882	419,801	106,071	106,071	106,071	106,071	106,071	106,071
02/01/2037	-	-	-	94,783	199,545	190,070	222,733	-	-	71,548	1,860,692	833,500	101,096	101,096	101,096	101,096	101,096	101,096
08/01/2037	-	-	-	7,947,569	8,342,039	4,008,457	3,161,408	1,042,855	71,548	134,412	430,515	91,273	91,273	91,273	91,273	91,273	91,273	91,273
02/01/2038	-	-	-	100,980	144,249	187,910	-	59,190	1,884,282	763,427	86,171	86,171	86,171	86,171	86,171	86,171	86,171	86,171
08/01/2038	-	-	-	8,443,020	4,055,391	3,201,586	1,069,470	59,190	113,414	441,502	77,010	77,010	77,010	77,010	77,010	77,010	77,010	77,010
02/01/2039	-	-	-	97,315	152,198	-	46,517	1,908,481	783,155	71,778	71,778	71,778	71,778	71,778	71,778	71,778	71,778	71,778
08/01/2039	-	-	-	4,103,464	3,242,787	944,594	46,517	91,873	452,770	62,381	62,381	62,381	62,381	62,381	62,381	62,381	62,381	62,381
02/01/2040	-	-	-	49,242	115,575	-	35,324	1,933,307	803,394	57,015	57,015	57,015	57,015	57,015	57,015	57,015	57,015	57,015
08/01/2040	-	-	-	4,152,705	3,285,041	968,703	35,324	69,775	464,325	47,375	47,375	47,375	47,375	47,375	47,375	47,375	47,375	47,375
02/01/2041	-	-	-	78,016	-	23,845	1,958,772	824,155	41,872	41,872	41,872	41,872	41,872	41,872	41,872	41,872	41,872	41,872
08/01/2041	-	-	-	3,328,371	993,426	23,845	47,108	476,176	31,982	31,982	31,982	31,982	31,982	31,982	31,982	31,982	31,982	31,982
02/01/2042	-	-	-	39,500	-	12,073	1,984,895	845,452	26,340	26,340	26,340	26,340	26,340	26,340	26,340	26,340	26,340	26,340
08/01/2042	-	-	-	3,372,811	1,018,778	12,073	23,854	488,328	16,194	16,194	16,194	16,194	16,194	16,194	16,194	16,194	16,194	16,194
02/01/2043	-	-	-	-	2,011,694	867,301	10,408	10,408	10,408	10,408	10,408	10,408	10,408	10,408	10,408	10,408	10,408	10,408
08/01/2043	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02/01/2044	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08/01/2044	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02/01/2045	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08/01/2045	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02/01/2046	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08/01/2046	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02/01/2047	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08/01/2047	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02/01/2048	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08/01/2048	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02/01/2049	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08/01/2049	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02/01/2050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08/01/2050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02/01/2051	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08/01/2051	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Feb 2023-2051	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	4,641,466	18,230,622	31,812,203	11,842,653	21,673,783	61,830,115	92,993,677	88,339,848	173,806,063	180,008,127	215,496,960	255,560,931	170,282,585	70,280,525	7,417,882	164,328,661	60,671,423	9,678,603

Massachusetts Clean Water Trust

Borrower Payments - Combined -- Clean Water (CW) & Drinking Water (DW)

	MTA	MTA	MTA	MTA	MTA	MTA	MTA	MTA	MTA	MTA	MTA	MTA	MTA	MTA	MTA	MTA	MTA	MTA	MTA
	Bond Issue	Pool 18 Leveraged	Principal Pool 18 Pledged	Interest Pool 18 Leveraged	Pool 19 Leveraged	Principal Pool 19 Pledged	Interest Pool 19 Pledged	Pool 20 Leveraged	Principal Pool 20 Pledged	Interest Pool 20 Pledged	Pool 21 Leveraged	Principal Pool 21 Pledged	Interest Pool 21 Pledged	Pool 22 Leveraged	Principal Pool 22 Pledged	Interest Pool 22 Pledged	Pool 23 Leveraged	Principal Pool 23 Pledged	Interest Pool 23 Pledged
Date																			
02/01/2023	13,057,702	4,597,372	746,115	13,396,697	4,114,955	811,580	11,106,607	3,574,046	710,643	1,455,852	-	662,710	2,958,837	-	552,998	21,066,994	1,899,389	432,445	
08/01/2023	1,529,198	151,204	704,574	1,333,694	-	767,696	1,507,851	-	674,518	9,342,754	3,070,673	662,710	11,881,983	3,021,501	552,998	3,482,259	-	413,513	
02/01/2024	13,160,839	4,687,519	703,062	13,522,228	4,209,971	767,696	11,202,776	3,652,518	674,518	1,405,780	-	638,078	2,870,632	-	528,857	21,228,543	1,923,534	413,513	
08/01/2024	1,426,413	154,490	660,591	1,226,275	-	722,788	1,426,091	-	637,589	9,407,122	3,115,378	638,078	11,972,346	3,057,659	528,857	3,327,641	-	394,341	
02/01/2025	13,266,390	4,779,686	659,047	13,650,461	4,307,206	722,788	11,301,037	3,732,737	637,589	1,354,619	-	612,971	2,780,643	-	504,356	21,394,161	1,948,200	394,341	
08/01/2025	1,321,506	157,848	615,626	1,116,498	-	676,831	1,342,507	-	599,839	9,472,796	3,161,113	612,971	12,064,854	3,094,602	504,356	3,170,158	-	374,923	
02/01/2026	13,348,301	4,835,211	614,048	13,781,472	2,931,544	676,831	11,401,437	3,814,741	599,839	1,302,347	-	587,377	2,688,834	-	479,489	21,563,941	1,973,404	374,923	
08/01/2026	1,214,691	161,278	569,656	1,004,311	-	644,554	1,257,057	-	561,248	9,539,815	3,207,905	587,377	12,159,558	3,132,341	479,489	3,009,748	-	355,254	
02/01/2027	13,458,566	4,931,546	568,043	10,957,306	3,001,307	644,554	11,504,022	3,898,565	561,248	1,248,938	-	561,284	2,595,163	-	454,247	21,581,311	1,999,151	355,254	
08/01/2027	1,105,663	164,784	522,657	919,240	-	611,499	919,240	-	521,799	9,608,210	3,255,776	561,284	12,256,497	3,170,898	454,247	2,847,914	-	335,329	
02/01/2028	13,571,404	5,030,034	521,009	11,059,324	3,072,750	611,499	11,538,174	3,984,253	521,799	1,194,368	-	534,681	2,499,589	-	428,622	21,757,841	2,025,456	335,329	
08/01/2028	994,374	168,365	474,608	832,295	-	577,648	1,081,096	-	481,471	9,677,997	3,304,753	534,681	12,355,728	3,210,288	428,622	2,683,057	-	315,141	
02/01/2029	13,686,878	5,130,727	472,924	11,163,537	3,145,913	577,648	11,644,456	4,071,845	481,471	1,138,612	-	507,555	2,402,070	-	402,605	21,938,769	2,052,333	315,141	
08/01/2029	880,772	172,024	425,485	743,434	-	542,981	990,515	-	440,245	9,423,381	3,354,859	507,555	12,457,299	3,250,531	402,605	2,515,112	-	294,686	
02/01/2030	13,805,058	5,233,674	423,764	11,269,997	3,220,838	542,981	11,753,053	4,161,392	440,245	1,084,903	-	479,894	2,302,564	-	376,188	22,124,197	2,079,788	294,686	
08/01/2030	764,807	175,763	375,263	652,616	-	507,479	897,910	-	398,102	9,492,238	3,406,127	479,894	12,364,701	3,291,643	376,188	2,344,011	-	273,957	
02/01/2031	13,137,306	5,338,923	373,505	11,370,120	3,297,567	507,479	11,859,214	4,252,930	398,102	1,030,027	-	451,685	2,202,992	-	349,362	22,314,224	2,107,840	273,957	
08/01/2031	654,312	179,583	323,917	559,882	-	471,122	803,284	-	355,020	9,562,510	3,458,582	451,685	12,468,799	3,333,642	349,362	21,69,684	-	252,949	
02/01/2032	13,251,794	5,446,529	322,121	10,987,925	3,376,144	471,122	11,972,553	4,346,501	355,020	973,959	-	422,915	2,101,387	-	322,117	22,134,138	1,916,565	252,949	
08/01/2032	541,517	183,486	271,424	470,036	-	433,888	706,544	-	310,979	9,634,219	3,512,251	422,915	12,575,347	3,376,555	322,117	1,995,811	-	233,854	
02/01/2033	13,368,976	5,556,544	269,589	11,095,543	3,456,616	433,888	12,088,366	4,442,155	310,979	916,671	-	393,571	1,997,702	-	294,445	22,329,279	1,944,870	233,854	
08/01/2033	426,372	-	217,756	378,209	-	395,756	607,643	-	265,956	9,701,451	3,567,166	393,571	12,684,393	3,420,394	294,445	1,818,651	-	214,478	
02/01/2034	13,482,242	5,669,021	217,756	11,205,485	3,539,028	395,756	12,206,715	4,539,940	265,956	858,199	-	363,639	1,891,896	-	266,336	22,529,228	1,973,787	214,478	
08/01/2034	308,889	-	164,762	284,357	-	356,705	506,531	-	219,932	9,706,516	3,623,350	363,639	12,796,000	3,465,184	266,336	1,638,133	-	194,813	
02/01/2035	13,604,885	5,784,017	164,762	11,317,802	3,623,424	356,705	12,327,649	4,639,899	219,932	799,150	-	333,104	1,783,917	-	237,780	22,734,092	2,003,329	194,813	
08/01/2035	188,950	-	110,581	188,434	-	316,713	403,159	-	172,882	9,781,855	3,680,838	333,104	12,706,341	3,510,945	237,780	1,454,183	-	174,854	
02/01/2036	2,625,465	1,661,686	110,581	11,432,552	3,709,854	316,713	12,451,234	4,742,083	172,882	738,818	-	301,953	1,675,759	-	208,768	22,943,997	2,033,513	174,854	
08/01/2036	172,149	-	92,460	90,395	-	275,755	297,477	-	124,784	9,858,741	3,739,665	301,953	12,820,838	3,557,696	208,768	1,266,727	-	154,594	
02/01/2037	2,645,904	771,416	92,460	1,769,390	2,043,338	275,755	12,577,525	4,846,544	124,784	677,175	-	270,171	1,565,380	-	179,290	23,159,047	2,064,351	154,594	
08/01/2037	154,914	-	83,203	82,357	-	251,235	189,432	-	75,614	9,937,209	3,799,856	270,171	12,938,009	3,605,463	179,290	1,075,687	-	134,027	
02/01/2038	2,666,834	791,341	83,203	1,780,168	2,096,116	251,235	2,108,396	560,298	75,614	614,193	-	237,743	1,452,726	-	149,334	23,379,349	2,095,856	134,027	
08/01/2038	137,233	-	73,707	74,112	-	226,082	172,588	-	68,891	10,017,300	3,861,446	237,743	13,057,920	3,654,270	149,334	880,985	-	113,146	
02/01/2039	2,688,266	811,781	73,707	1,791,187	2,150,257	226,082	2,128,581	574,770	68,891	-	-	204,653	1,337,750	-	118,892	23,605,026	2,128,044	113,146	
08/01/2039	119,096	-	63,966	65,653	-	200,279	155,309	-	61,993	-	4,161,475	204,653	13,180,624	3,704,133	118,892	682,542	-	91,944	
02/01/2040	2,710,213	832,749	63,966	1,802,455	2,205,796	200,279	2,149,270	589,616	61,993	-	-	185,955	-	-	261,208	23,836,208	2,160,927	91,944	
08/01/2040	100,490	-	53,973	56,976	-	173,809	137,583	-	54,918	-	4,195,895	185,955	-	-	261,208	480,275	-	70,415	
02/01/2041	2,732,687	854,258	53,973	1,813,976	2,262,771	173,809	2,170,473	604,846	54,918	-	-	166,890	-	-	237,336	24,072,998	2,194,525	70,415	
08/01/2041	81,404	-	43,721	48,075	-	146,656	119,399	-	47,660	-	4,231,110	166,890	-	-	237,336	274,100	-	48,550	
02/01/2042	2,755,703	876,323	43,721	1,825,759	2,321,217	146,656	2,192,205	620,468	47,660	-	-	147,449	-	-	212,996	5,126,951	441,368	48,550	
08/01/2042	61,825	-	33,206	38,944	-	118,801	100,746	-	40,214	-	4,267,140	147,449	-	-	212,996	246,090	-	43,695	
02/01/2043	2,779,275	898,958	33,206	1,837,807	2,381,172	118,801	2,214,481	636,495	40,214	-	-	127,623	-	-	188,175	5,196,398	441,368	43,695	
08/01/2043	41,740	-	22,418	29,577	-	90,227	81,611	-	32,576	-	4,304,005	127,623	-	-	188,175	217,572	-	38,840	
02/01/2044	2,803,415	922,177	22,418	1,850,131	2,442,677	90,227	2,237,312	652,935	32,576	-	-	107,402	-	-	162,864	5,267,647	441,368	38,840	
08/01/2044	21,136	-	11,352	19,968	-	60,915	61,982	-	24,741	-	4,341,729	107,402	-	-	162,864	188,533	-	33,985	
02/01/2045	2,828,140	945,996	11,352	1,862,734	2,505,769	60,915	2,260,714	669,800	24,741	-	-	86,775	-	-	137,049	5,340,746	441,368	33,985	
08/01/2045	-	-	10,112	10,112	-	30,846	41,846	-	16,703	-	4,380,328	86,775	-	-	137,049	158,962	-	29,130	
02/01/2046	-	-	1,875,628	2,570,491	-	30,846	2,284,701	687,099	16,703	-	-	65,733	-	-	110,719	5,415,733	441,368	29,130	
08/01/2046	-	-	-	-	-	-	21,190	-	8,458	-	4,419,832	65,733	-	-	110,719	128,846	-	24,275	
02/01/2047	-	-	-	-	-	-	2,309,290	704,847	8,458	-	-	44,263	-	-	83,862	4,970,567	441,368	24,275	
08/01/2047	-	-	-	-	-	-	-	-	-	-	4,460,260	44,263	-	-	83,862	103,914	-	19,420	
02/01/2048	-	-	-	-	-	-	-	-	-	-	-	22,356	-	-	56,465	5,036,943	441,368	19,420	
08/01/2048	-	-	-	-	-	-	-	-	-	-	4,501,632	22,356	-	-	56,465	78,612	-	14,565	
02/01/2049	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28,515	5,110,972	441,368	14,565	
08/01/2049	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52,866	5,186,912	441,368	9,710	
02/01/2050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26,665	-	4,855	
08/01/2050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,264,810	441,368	4,855	
02/01/2051	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Feb 2023-2051																			

Massachusetts Clean Water Trust

Borrower Payments - Combined -- Clean Water (CW) & Drinking Water (DW)

	SINGLE OBLIGOR	SINGLE OBLIGOR	SINGLE OBLIGOR		EQUITY	POOL	POOL	MTA	MTA	MTA	MTA	MTA	MTA	Total
	New Bedford	MWRA		Total Borrower	Prin & Int	Principal	Principal	Principal	Principal	Principal	Principal	Principal	Principal	Borrower Pymnts
Bond Issue	1996A & 1998A	1993A - 1999A	MWRA 2002A	Payments Received	Direct Loans	Pool 16 Pledged	Pool 17 Pledged	Pool 18 Pledged	Pool 19 Pledged	Pool 20 Pledged	Pool 21 Pledged	Pool 22 Pledged	Pool 23 Pledged	Available for DS
Date								AMOUNTS GOING BACK TO EQUITY						
02/01/2023	3,556,807	1,804,349	639,937	116,837,314	1,224	-	4,378,902	4,454,912	3,889,734	3,178,082	-	-	1,899,389	99,035,072
08/01/2023	218,552	20,293,407	4,174,937	226,422,539	630,594	5,603,345	-	-	-	-	2,890,296	2,902,661	-	214,395,642
02/01/2024	3,654,844	2,428,499	583,320	115,819,676	1,023	-	4,476,713	4,541,901	3,980,630	3,251,553	-	-	1,923,534	97,644,322
08/01/2024	126,773	15,038,450	4,238,320	210,074,477	630,803	5,726,881	-	-	-	-	2,932,035	2,936,251	-	197,848,507
02/01/2025	3,760,638	1,122,502	524,771	113,907,883	819	-	4,576,725	4,630,839	4,073,657	3,326,667	-	-	1,948,200	95,350,977
08/01/2025	25,401	12,798,396	4,294,771	198,984,239	631,012	5,853,156	-	-	-	-	2,974,741	2,970,571	-	186,554,759
02/01/2026	3,828,402	602,315	464,386	111,517,627	610	-	4,678,978	4,683,062	2,693,696	3,403,457	-	-	1,973,404	94,084,419
08/01/2026		9,762,160	4,171,761	184,526,244	631,225	5,982,223	-	-	-	-	3,018,440	3,005,628	-	171,888,727
02/01/2027		468,466	404,581	103,634,316	398	-	4,783,520	4,776,022	2,759,069	3,481,959	-	-	1,999,151	85,834,198
08/01/2027		8,513,448	4,241,248	166,996,628	631,442	6,114,146	-	-	-	-	3,063,153	3,041,446	-	154,146,442
02/01/2028		282,157	342,627	101,305,581	181	-	4,614,490	4,871,059	2,826,027	3,566,421	-	-	2,025,456	83,401,948
08/01/2028		8,714,655	4,308,482	155,711,833	618,477	6,248,996	-	-	-	-	3,108,904	3,078,037	-	142,657,419
02/01/2029		77,725	278,525	100,428,196	91	-	4,717,784	4,968,223	2,894,608	3,648,554	-	-	2,052,333	82,146,602
08/01/2029		3,882,182	4,378,876	138,237,333	618,568	6,386,832	-	-	-	-	3,157,090	3,115,420	-	124,959,423
02/01/2030		212,196		99,905,575	-	-	4,498,707	5,067,562	2,964,853	3,732,528	-	-	2,079,788	81,562,137
08/01/2030		4,461,871		131,756,501	245,000	6,527,723	-	-	-	-	3,205,023	3,159,264	-	118,619,491
02/01/2031		143,378		98,696,835	-	-	4,599,639	5,169,122	3,036,802	3,819,009	-	-	2,107,840	79,964,424
08/01/2031		4,527,357		104,204,384	-	5,844,509	-	-	-	-	3,254,072	3,198,400	-	91,907,403
02/01/2032		72,308		95,732,400	-	-	4,667,586	5,272,957	3,110,496	3,906,782	-	-	1,916,565	76,858,015
08/01/2032		4,530,679		104,469,964	-	5,974,993	-	-	-	-	3,304,262	3,238,389	-	91,952,320
02/01/2033				95,536,620	-	-	4,772,409	5,379,116	3,185,980	3,996,515	-	-	1,944,870	76,257,730
08/01/2033				80,484,728	-	962,881	-	-	-	-	3,356,882	3,279,240	-	72,885,725
02/01/2034				84,206,300	-	-	1,148,488	5,300,176	3,263,297	4,088,253	-	-	1,973,787	68,432,300
08/01/2034				76,263,731	-	987,456	-	-	-	-	3,415,038	3,320,977	-	68,540,260
02/01/2035				84,349,360	-	-	1,177,698	5,407,066	3,342,488	4,182,037	-	-	2,003,329	68,236,741
08/01/2035				69,380,460	-	1,012,656	-	-	-	-	3,468,969	3,368,382	-	61,530,453
02/01/2036				69,209,831	-	-	1,207,652	1,635,139	3,423,602	4,277,914	-	-	2,033,513	56,632,010
08/01/2036				65,446,319	-	1,016,902	-	-	-	-	3,524,163	3,412,049	-	57,493,205
02/01/2037				56,791,091	-	-	1,238,372	744,177	2,031,351	4,324,899	-	-	2,064,351	46,387,941
08/01/2037				58,006,544	-	1,042,855	-	-	-	-	3,580,644	3,456,667	-	49,926,378
02/01/2038				41,702,645	-	-	1,178,627	763,393	2,084,111	351,628	-	-	2,095,856	35,229,030
08/01/2038				50,185,340	-	1,069,470	-	-	-	-	3,638,444	3,502,254	-	41,975,171
02/01/2039				41,080,478	-	-	1,208,947	783,104	2,138,234	365,238	-	-	2,128,044	34,456,911
08/01/2039				31,754,944	-	944,594	-	-	-	-	-	3,548,829	-	27,261,521
02/01/2040				40,146,433	-	-	1,240,048	803,325	2,193,755	379,204	-	-	2,160,927	33,369,174
08/01/2040				16,964,903	-	968,703	-	-	-	-	-	2,170,160	-	13,826,040
02/01/2041				40,390,535	-	-	1,271,948	824,067	2,250,712	393,540	-	-	2,194,525	33,455,743
08/01/2041				12,558,587	-	993,426	-	-	-	-	4,231,110	2,212,777	-	5,121,274
02/01/2042				19,715,285	-	-	1,304,669	845,345	2,309,140	408,252	-	-	441,368	14,406,512
08/01/2042				12,499,552	-	1,018,778	-	-	-	-	4,267,140	2,256,408	-	4,957,226
02/01/2043				19,827,070	-	-	1,338,232	867,173	2,369,077	423,351	-	-	441,368	14,387,870
08/01/2043				7,475,443	-	-	-	-	-	-	4,304,005	2,301,078	-	870,360
02/01/2044				17,071,989	-	-	-	889,563	2,430,563	438,847	-	-	441,368	12,871,647
08/01/2044				7,381,415	-	-	-	-	-	-	4,341,729	2,346,807	-	692,879
02/01/2045				17,210,085	-	-	-	912,532	2,493,637	454,750	-	-	441,368	12,907,797
08/01/2045				7,285,376	-	-	-	-	-	-	4,380,328	2,393,625	-	511,423
02/01/2046				13,528,151	-	-	-	-	2,558,341	471,070	-	-	441,368	10,057,372
08/01/2046				7,220,608	-	-	-	-	-	-	4,419,832	2,441,556	-	359,220
02/01/2047				8,586,930	-	-	-	-	-	487,819	-	-	441,368	7,657,743
08/01/2047				7,202,347	-	-	-	-	-	-	4,460,260	2,490,628	-	251,459
02/01/2048				5,576,552	-	-	-	-	-	-	-	-	441,368	5,135,184
08/01/2048				7,214,495	-	-	-	-	-	-	4,501,632	2,540,865	-	171,998
02/01/2049				5,595,420	-	-	-	-	-	-	-	-	441,368	5,154,052
08/01/2049				2,683,390	-	-	-	-	-	-	2,592,299	-	-	91,091
02/01/2050				5,637,990	-	-	-	-	-	-	-	-	441,368	5,196,622
08/01/2050				31,520	-	-	-	-	-	-	-	-	-	31,520
02/01/2051				5,711,033	-	-	-	-	-	-	-	-	441,368	5,269,665
08/01/2051				-	-	-	-	-	-	-	-	-	-	-
Feb 2023-2051														
Total	15,171,418	85,788,711	46,994,331	3,871,083,045	4,641,466	70,280,525	63,080,131	73,589,836	68,303,860	60,358,327	86,798,193	78,280,669	42,938,542	3,322,811,495