

CITY OF WEST HAVEN, CONNECTICUT
Existing Debt Service for FY 2017-18 & 2018-19
General Fund - Bonded Debt & CWF Loans

Fiscal Year	Existing GF Bonded Debt			Existing CWF loans paid by the GF			Existing BANs	Net Bond Premium	Total - Existing GF Debt Service		
	Principal	Interest	P&I	Principal	Interest	P&I	Interest		Principal	Interest	P&I
2017-18	\$ 12,515,000	\$ 3,684,825	\$ 16,199,825	\$ 767,912	\$ 47,224	\$ 815,136	\$ 98,678	\$ (244,390)	\$ 13,282,912	\$ 3,586,337	\$ 16,869,250
2018-19	14,325,000	3,884,908	18,209,908	683,415	33,285	716,700	- ¹		15,008,415	3,918,193	18,926,608
2019-20	14,470,000	3,369,952	17,839,952	639,088	19,788	658,875			15,109,088	3,389,739	18,498,827
2020-21	13,525,000	2,816,014	16,341,014	352,211	8,917	361,128			13,877,211	2,824,931	16,702,142
2021-22	13,765,000	2,222,649	15,987,649	200,476	4,204	204,680			13,965,476	2,226,853	16,192,329
2022-23	5,805,000	1,652,401	7,457,401	101,362	592	101,954			5,906,362	1,652,993	7,559,355
2023-24	7,200,000	1,326,339	8,526,339	-	-	-			7,200,000	1,326,339	8,526,339
2024-25	7,240,000	964,511	8,204,511	-	-	-			7,240,000	964,511	8,204,511
2025-26	4,945,000	649,406	5,594,406	-	-	-			4,945,000	649,406	5,594,406
2026-27	2,975,000	456,513	3,431,513	-	-	-			2,975,000	456,513	3,431,513
2027-28	2,640,000	324,700	2,964,700	-	-	-			2,640,000	324,700	2,964,700
2028-29	715,000	247,491	962,491	-	-	-			715,000	247,491	962,491
2029-30	715,000	217,913	932,913	-	-	-			715,000	217,913	932,913
2030-31	700,000	187,400	887,400	-	-	-			700,000	187,400	887,400
2031-32	700,000	156,200	856,200	-	-	-			700,000	156,200	856,200
2032-33	700,000	125,000	825,000	-	-	-			700,000	125,000	825,000
2033-34	700,000	93,800	793,800	-	-	-			700,000	93,800	793,800
2034-35	675,000	63,100	738,100	-	-	-			675,000	63,100	738,100
2035-36	320,000	40,000	360,000	-	-	-			320,000	40,000	360,000
2036-37	320,000	24,000	344,000	-	-	-			320,000	24,000	344,000
2037-38	320,000	8,000	328,000	-	-	-			320,000	8,000	328,000
2038-39	-	-	-	-	-	-			-	-	-
	\$ 105,270,000	\$ 22,515,121	\$ 127,785,121	\$ 2,744,465	\$ 114,009	\$ 2,858,474	\$ 98,678	\$ (244,390)	\$ 108,014,465	\$ 22,483,419	\$ 130,497,884

¹ - The City currently has a \$9M BAN outstanding for the WHHS project, maturing on 10/2/18. The \$157,421.50 of BAN interest will be capitalized and charged to the project rather than the General Fund.

CITY OF WEST HAVEN, CONNECTICUT
Existing Self-Supporting Sewer Fund Debt Service
Sewer Fund - State of CT CWF Loans

Fiscal Year	Existing CWF loans paid by Sewer Fund			Total - Existing Sewer Fund Debt Service		
	Principal	Interest	P&I	Principal	Interest	P&I
2017-18	\$ 1,342,481	\$ 455,506	\$ 1,797,987	\$ 1,342,481	\$ 455,506	\$ 1,797,987
2018-19	1,369,578	428,409	1,797,987	1,369,578	428,409	1,797,987
2019-20	1,397,222	400,765	1,797,987	1,397,222	400,765	1,797,987
2020-21	1,425,424	372,563	1,797,987	1,425,424	372,563	1,797,987
2021-22	1,454,195	343,791	1,797,987	1,454,195	343,791	1,797,987
2022-23	1,483,547	314,439	1,797,987	1,483,547	314,439	1,797,987
2023-24	1,513,492	284,495	1,797,987	1,513,492	284,495	1,797,987
2024-25	1,544,041	253,946	1,797,987	1,544,041	253,946	1,797,987
2025-26	1,575,206	222,781	1,797,987	1,575,206	222,781	1,797,987
2026-27	1,607,001	190,986	1,797,987	1,607,001	190,986	1,797,987
2027-28	1,639,437	158,550	1,797,987	1,639,437	158,550	1,797,987
2028-29	1,672,528	125,459	1,797,987	1,672,528	125,459	1,797,987
2029-30	1,706,287	91,700	1,797,987	1,706,287	91,700	1,797,987
2030-31	1,740,727	57,260	1,797,987	1,740,727	57,260	1,797,987
2031-32	1,775,862	22,124	1,797,987	1,775,862	22,124	1,797,987
2032-33	141,348	236	141,583	141,348	236	141,583
2033-34	-	-	-	-	-	-
2034-35	-	-	-	-	-	-
2035-36	-	-	-	-	-	-
2036-37	-	-	-	-	-	-
2037-38	-	-	-	-	-	-
2038-39	-	-	-	-	-	-
	\$ 23,388,375	\$ 3,723,008	\$ 27,111,384	\$ 23,388,375	\$ 3,723,008	\$ 27,111,384

CITY OF WEST HAVEN, CONNECTICUT
Existing & Proposed Debt Service (FY 17-18 CIP)
General Fund - Bonded Debt & CWF Loans

Fiscal Year	Existing GF Bonded Debt			Existing CWF loans paid by the GF			Existing BANs	Proposed Debt Service - FY 17-18 CIP			Total - Existing & Proposed		
	Principal	Interest	P&I	Principal	Interest	P&I	Interest	Principal	Interest	P&I	Principal	Interest	P&I
2018-19	\$ 14,325,000	\$ 3,884,908	\$ 18,209,908	\$ 683,415	\$ 33,285	\$ 716,700	\$ - ¹	\$ -	\$ 287,241	\$ 287,241	\$ 15,008,415	\$ 4,205,434	\$ 19,213,849
2019-20	14,470,000	3,369,952	17,839,952	639,088	19,788	658,875	-	-	393,930	393,930	15,109,088	3,783,669	18,892,757
2020-21	13,525,000	2,816,014	16,341,014	352,211	8,917	361,128	-	464,000	383,490	847,490	14,341,211	3,208,421	17,549,632
2021-22	13,765,000	2,222,649	15,987,649	200,476	4,204	204,680	-	465,000	362,588	827,588	14,430,476	2,589,440	17,019,916
2022-23	5,805,000	1,652,401	7,457,401	101,362	592	101,954	-	465,000	341,663	806,663	6,371,362	1,994,656	8,366,018
2023-24	7,200,000	1,326,339	8,526,339	-	-	-	-	460,000	320,850	780,850	7,660,000	1,647,189	9,307,189
2024-25	7,240,000	964,511	8,204,511	-	-	-	-	460,000	300,150	760,150	7,700,000	1,264,661	8,964,661
2025-26	4,945,000	649,406	5,594,406	-	-	-	-	460,000	279,450	739,450	5,405,000	928,856	6,333,856
2026-27	2,975,000	456,513	3,431,513	-	-	-	-	460,000	258,750	718,750	3,435,000	715,263	4,150,263
2027-28	2,640,000	324,700	2,964,700	-	-	-	-	460,000	238,050	698,050	3,100,000	562,750	3,662,750
2028-29	715,000	247,491	962,491	-	-	-	-	460,000	217,350	677,350	1,175,000	464,841	1,639,841
2029-30	715,000	217,913	932,913	-	-	-	-	460,000	196,650	656,650	1,175,000	414,563	1,589,563
2030-31	700,000	187,400	887,400	-	-	-	-	460,000	175,950	635,950	1,160,000	363,350	1,523,350
2031-32	700,000	156,200	856,200	-	-	-	-	460,000	155,250	615,250	1,160,000	311,450	1,471,450
2032-33	700,000	125,000	825,000	-	-	-	-	460,000	134,550	594,550	1,160,000	259,550	1,419,550
2033-34	700,000	93,800	793,800	-	-	-	-	460,000	113,850	573,850	1,160,000	207,650	1,367,650
2034-35	675,000	63,100	738,100	-	-	-	-	460,000	93,150	553,150	1,135,000	156,250	1,291,250
2035-36	320,000	40,000	360,000	-	-	-	-	460,000	72,450	532,450	780,000	112,450	892,450
2036-37	320,000	24,000	344,000	-	-	-	-	460,000	51,750	511,750	780,000	75,750	855,750
2037-38	320,000	8,000	328,000	-	-	-	-	460,000	31,050	491,050	780,000	39,050	819,050
2038-39	-	-	-	-	-	-	-	460,000	10,350	470,350	460,000	10,350	470,350
	\$ 92,755,000	\$ 18,830,296	\$ 111,585,296	\$ 1,976,553	\$ 66,785	\$ 2,043,338	\$ -	\$ 8,754,000	\$ 4,418,511	\$ 13,172,511	\$ 103,485,553	\$ 23,315,593	\$ 126,801,145

¹ - The City currently has a \$9M BAN outstanding for the WHHS project, maturing on 10/2/18. The \$157,421.50 of BAN interest will be capitalized and charged to the project rather than the General Fund.

CITY OF WEST HAVEN
Proposed New Debt Service - FY 2017-18 CIP
New BANs & Bond 2018 - \$8,754,000

Fiscal Year	Proposed \$8.7M BAN - FY 17-18 CIP			Proposed \$8.7M Bond - FY 17-18 CIP			Total Proposed Debt Service		
	Principal	Interest	P&I	Principal	Interest	P&I	Principal	Interest	P&I
2018-19	\$ -	\$ 109,425	\$ 109,425	\$ -	\$ 177,816	\$ 177,816	\$ -	\$ 287,241	\$ 287,241
2019-20	-	-	-	-	393,930	393,930	-	393,930	393,930
2020-21	-	-	-	464,000	383,490	847,490	464,000	383,490	847,490
2021-22	-	-	-	465,000	362,588	827,588	465,000	362,588	827,588
2022-23	-	-	-	465,000	341,663	806,663	465,000	341,663	806,663
2023-24	-	-	-	460,000	320,850	780,850	460,000	320,850	780,850
2024-25	-	-	-	460,000	300,150	760,150	460,000	300,150	760,150
2025-26	-	-	-	460,000	279,450	739,450	460,000	279,450	739,450
2026-27	-	-	-	460,000	258,750	718,750	460,000	258,750	718,750
2027-28	-	-	-	460,000	238,050	698,050	460,000	238,050	698,050
2028-29	-	-	-	460,000	217,350	677,350	460,000	217,350	677,350
2029-30	-	-	-	460,000	196,650	656,650	460,000	196,650	656,650
2030-31	-	-	-	460,000	175,950	635,950	460,000	175,950	635,950
2031-32	-	-	-	460,000	155,250	615,250	460,000	155,250	615,250
2032-33	-	-	-	460,000	134,550	594,550	460,000	134,550	594,550
2033-34	-	-	-	460,000	113,850	573,850	460,000	113,850	573,850
2034-35	-	-	-	460,000	93,150	553,150	460,000	93,150	553,150
2035-36	-	-	-	460,000	72,450	532,450	460,000	72,450	532,450
2036-37	-	-	-	460,000	51,750	511,750	460,000	51,750	511,750
2037-38	-	-	-	460,000	31,050	491,050	460,000	31,050	491,050
2038-39	-	-	-	460,000	10,350	470,350	460,000	10,350	470,350
	\$ -	\$ 109,425	\$ 109,425	\$ 8,754,000	\$ 4,309,086	\$ 13,063,086	\$ 8,754,000	\$ 4,418,511	\$ 13,172,511

CITY OF WEST HAVEN, CONNECTICUT
Existing & Proposed Debt Service (WHHS)
General Fund - Bonded Debt & CWF Loans

Fiscal Year	Existing & Proposed GF Bonded Debt			Existing CWF loans paid by the GF			Existing BANs	Proposed New Debt Service - WHHS			Total - Existing & Proposed		
	Principal	Interest	P&I	Principal	Interest	P&I	Interest	Principal	Interest	P&I	Principal	Interest	P&I
2018-19	\$ 14,325,000	\$ 4,172,149	\$ 18,497,149	\$ 683,415	\$ 33,285	\$ 716,700	\$ - ¹	\$ -	\$ -	\$ -	\$ 15,008,415	\$ 4,205,434	\$ 19,213,849
2019-20	14,470,000	3,763,882	18,233,882	639,088	19,788	658,875	-	-	299,250	299,250	15,109,088	4,082,919	19,192,007
2020-21	13,989,000	3,199,504	17,188,504	352,211	8,917	361,128	-	675,000	898,469	1,573,469	15,016,211	4,106,890	19,123,101
2021-22	14,230,000	2,585,236	16,815,236	200,476	4,204	204,680	-	630,000	1,499,688	2,129,688	15,060,476	4,089,128	19,149,604
2022-23	6,270,000	1,994,064	8,264,064	101,362	592	101,954	-	1,970,000	1,752,075	3,722,075	8,341,362	3,746,731	12,088,093
2023-24	7,660,000	1,647,189	9,307,189	-	-	-	-	1,535,000	1,665,356	3,200,356	9,195,000	3,312,545	12,507,545
2024-25	7,700,000	1,264,661	8,964,661	-	-	-	-	1,535,000	1,589,644	3,124,644	9,235,000	2,854,305	12,089,305
2025-26	5,405,000	928,856	6,333,856	-	-	-	-	1,720,000	1,509,200	3,229,200	7,125,000	2,438,056	9,563,056
2026-27	3,435,000	715,263	4,150,263	-	-	-	-	1,970,000	1,417,750	3,387,750	5,405,000	2,133,013	7,538,013
2027-28	3,100,000	562,750	3,662,750	-	-	-	-	1,970,000	1,320,025	3,290,025	5,070,000	1,882,775	6,952,775
2028-29	1,175,000	464,841	1,639,841	-	-	-	-	1,970,000	1,222,300	3,192,300	3,145,000	1,687,141	4,832,141
2029-30	1,175,000	414,563	1,589,563	-	-	-	-	1,970,000	1,124,575	3,094,575	3,145,000	1,539,138	4,684,138
2030-31	1,160,000	363,350	1,523,350	-	-	-	-	1,970,000	1,026,850	2,996,850	3,130,000	1,390,200	4,520,200
2031-32	1,160,000	311,450	1,471,450	-	-	-	-	1,965,000	929,244	2,894,244	3,125,000	1,240,694	4,365,694
2032-33	1,160,000	259,550	1,419,550	-	-	-	-	1,965,000	831,756	2,796,756	3,125,000	1,091,306	4,216,306
2033-34	1,160,000	207,650	1,367,650	-	-	-	-	1,965,000	734,269	2,699,269	3,125,000	941,919	4,066,919
2034-35	1,135,000	156,250	1,291,250	-	-	-	-	1,965,000	636,781	2,601,781	3,100,000	793,031	3,893,031
2035-36	780,000	112,450	892,450	-	-	-	-	1,965,000	539,294	2,504,294	2,745,000	651,744	3,396,744
2036-37	780,000	75,750	855,750	-	-	-	-	1,965,000	441,806	2,406,806	2,745,000	517,556	3,262,556
2037-38	780,000	39,050	819,050	-	-	-	-	1,965,000	344,319	2,309,319	2,745,000	383,369	3,128,369
2038-39	460,000	10,350	470,350	-	-	-	-	1,965,000	246,831	2,211,831	2,425,000	257,181	2,682,181
2039-40	-	-	-	-	-	-	-	1,965,000	149,344	2,114,344	1,965,000	149,344	2,114,344
2040-41	-	-	-	-	-	-	-	1,340,000	66,700	1,406,700	1,340,000	66,700	1,406,700
2041-42	-	-	-	-	-	-	-	640,000	16,400	656,400	640,000	16,400	656,400
	\$ 101,509,000	\$ 23,248,807	\$ 124,757,807	\$ 1,976,553	\$ 66,785	\$ 2,043,338	\$ -	\$ 37,580,000	\$ 20,261,925	\$ 57,841,925	\$ 141,065,553	\$ 43,577,518	\$ 184,643,070

¹ - The City currently has a \$9M BAN outstanding for the WHHS project, maturing on 10/2/18. The \$157,421.50 of BAN interest will be capitalized and charged to the project rather than the General Fund.

CITY OF WEST HAVEN
Proposed New Debt Service - West Haven High School
City Net Share (w/ capitalized costs) - \$37,580,000

Fiscal Year	WHHS Bond #1 (2019) - \$12,600,000			WHHS Bond #2 (2020) - \$12,640,000			WHHS Bond #3 (2021) - \$12,340,000			Combined Debt Service - WHHS		
	Principal	Interest	P&I	Principal	Interest	P&I	Principal	Interest	P&I	Principal	Interest	P&I
2018-19	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -
2019-20	-	299,250	299,250	-	-	-	-	-	-	-	299,250	299,250
2020-21	675,000	582,469	1,257,469	-	316,000	316,000	-	-	-	675,000	898,469	1,573,469
2021-22	630,000	551,475	1,181,475	-	632,000	632,000	-	316,213	316,213	630,000	1,499,688	2,129,688
2022-23	630,000	521,550	1,151,550	700,000	614,500	1,314,500	640,000	616,025	1,256,025	1,970,000	1,752,075	3,722,075
2023-24	630,000	491,625	1,121,625	475,000	585,125	1,060,125	430,000	588,606	1,018,606	1,535,000	1,665,356	3,200,356
2024-25	630,000	461,700	1,091,700	475,000	561,375	1,036,375	430,000	566,569	996,569	1,535,000	1,589,644	3,124,644
2025-26	630,000	431,775	1,061,775	490,000	537,250	1,027,250	600,000	540,175	1,140,175	1,720,000	1,509,200	3,229,200
2026-27	630,000	401,850	1,031,850	700,000	507,500	1,207,500	640,000	508,400	1,148,400	1,970,000	1,417,750	3,387,750
2027-28	630,000	371,925	1,001,925	700,000	472,500	1,172,500	640,000	475,600	1,115,600	1,970,000	1,320,025	3,290,025
2028-29	630,000	342,000	972,000	700,000	437,500	1,137,500	640,000	442,800	1,082,800	1,970,000	1,222,300	3,192,300
2029-30	630,000	312,075	942,075	700,000	402,500	1,102,500	640,000	410,000	1,050,000	1,970,000	1,124,575	3,094,575
2030-31	630,000	282,150	912,150	700,000	367,500	1,067,500	640,000	377,200	1,017,200	1,970,000	1,026,850	2,996,850
2031-32	625,000	252,344	877,344	700,000	332,500	1,032,500	640,000	344,400	984,400	1,965,000	929,244	2,894,244
2032-33	625,000	222,656	847,656	700,000	297,500	997,500	640,000	311,600	951,600	1,965,000	831,756	2,796,756
2033-34	625,000	192,969	817,969	700,000	262,500	962,500	640,000	278,800	918,800	1,965,000	734,269	2,699,269
2034-35	625,000	163,281	788,281	700,000	227,500	927,500	640,000	246,000	886,000	1,965,000	636,781	2,601,781
2035-36	625,000	133,594	758,594	700,000	192,500	892,500	640,000	213,200	853,200	1,965,000	539,294	2,504,294
2036-37	625,000	103,906	728,906	700,000	157,500	857,500	640,000	180,400	820,400	1,965,000	441,806	2,406,806
2037-38	625,000	74,219	699,219	700,000	122,500	822,500	640,000	147,600	787,600	1,965,000	344,319	2,309,319
2038-39	625,000	44,531	669,531	700,000	87,500	787,500	640,000	114,800	754,800	1,965,000	246,831	2,211,831
2039-40	625,000	14,844	639,844	700,000	52,500	752,500	640,000	82,000	722,000	1,965,000	149,344	2,114,344
2040-41	-	-	-	700,000	17,500	717,500	640,000	49,200	689,200	1,340,000	66,700	1,406,700
2041-42	-	-	-	-	-	-	640,000	16,400	656,400	640,000	16,400	656,400
	\$ 12,600,000	\$ 6,252,188	\$ 18,852,188	\$ 12,640,000	\$ 7,183,750	\$ 19,823,750	\$ 12,340,000	\$ 6,825,988	\$ 19,165,988	\$ 37,580,000	\$ 20,261,925	\$ 57,841,925