

Massachusetts Water Resources Authority
Final FY20 Water and Sewer Assessments

13-Jun-19

MWRA Fully Served Water and Sewer Customers	Final FY19 Water Assessment	Final FY20 Water Assessment	Percent Change from FY19	Final FY19 Sewer Assessment	Final FY20 Sewer Assessment	Percent Change from FY19	Final FY19 Combined Assessment	Final FY20 Combined Assessment	Dollar Change from FY19	Percent Change from FY19
ARLINGTON	5,207,787	5,428,333	4.2%	8,649,531	8,921,155	3.1%	\$13,857,318	\$14,349,488	\$492,170	3.6%
BELMONT	2,845,415	3,001,852	5.5%	5,092,015	5,321,061	4.5%	7,937,430	8,322,913	385,483	4.9%
BOSTON (BWSC)	90,752,551	93,413,175	2.9%	141,531,379	145,875,583	3.1%	232,283,930	239,288,756	7,004,828	3.0%
BROOKLINE	7,037,965	7,300,560	3.7%	12,898,264	13,202,213	2.4%	19,936,229	20,502,773	566,544	2.8%
CHELSEA	4,830,322	4,939,423	2.3%	8,305,015	8,626,321	3.9%	13,135,337	13,565,744	430,407	3.3%
EVERETT	5,466,023	5,543,676	1.4%	8,876,844	9,310,473	4.9%	14,342,867	14,854,149	511,282	3.6%
FRAMINGHAM	8,205,353	8,448,119	3.0%	13,423,226	13,569,073	1.1%	21,628,579	22,017,192	388,613	1.8%
LEXINGTON	7,128,006	7,413,364	4.0%	7,572,486	7,851,947	3.7%	14,700,492	15,265,311	564,819	3.8%
MALDEN	7,119,028	7,552,824	6.1%	13,514,306	13,705,355	1.4%	20,633,334	21,258,179	624,845	3.0%
MEDFORD	6,462,326	6,542,736	1.2%	12,356,732	12,493,747	1.1%	18,819,058	19,036,483	217,425	1.2%
MELROSE	2,897,122	2,977,071	2.8%	6,520,195	6,723,984	3.1%	9,417,317	9,701,055	283,738	3.0%
MILTON	3,463,069	3,508,765	1.3%	5,556,575	5,736,340	3.2%	9,019,644	9,245,105	225,461	2.5%
NEWTON	12,080,214	12,721,936	5.3%	22,348,192	22,443,151	0.4%	34,428,406	35,165,087	736,681	2.1%
NORWOOD	4,064,489	3,963,726	-2.5%	7,628,062	8,171,535	7.1%	11,692,551	12,135,261	442,710	3.8%
QUINCY	11,998,387	11,714,243	-2.4%	20,708,161	21,091,455	1.9%	32,706,548	32,805,698	99,150	0.3%
READING	2,296,922	2,370,637	3.2%	5,090,525	5,377,793	5.6%	7,387,447	7,748,430	360,983	4.9%
REVERE	5,185,345	5,262,364	1.5%	10,761,283	10,896,609	1.3%	15,946,628	16,158,973	212,345	1.3%
SOMERVILLE	8,055,307	8,240,009	2.3%	17,094,747	17,492,310	2.3%	25,150,054	25,732,319	582,265	2.3%
STONEHAM	3,105,808	3,019,242	-2.8%	4,616,825	4,812,709	4.2%	7,722,633	7,831,951	109,318	1.4%
WALTHAM	9,311,252	9,621,955	3.3%	13,800,824	13,961,534	1.2%	23,112,076	23,583,489	471,413	2.0%
WATERTOWN	3,696,371	3,898,438	5.5%	6,357,733	6,729,234	5.8%	10,054,104	10,627,672	573,568	5.7%
WINTHROP	1,698,840	1,848,357	8.8%	3,565,533	3,718,688	4.3%	5,264,373	5,567,045	302,672	5.7%
TOTAL	\$212,907,902	\$218,730,805	2.7%	\$356,268,453	\$366,032,270	2.7%	\$569,176,355	\$584,763,075	\$15,586,720	2.7%

MWRA Sewer and Partial Water Customers	Final FY19 Water Assessment	Final FY20 Water Assessment	Percent Change from FY19	Final FY19 Sewer Assessment	Final FY20 Sewer Assessment	Percent Change from FY19	Final FY19 Combined Assessment	Final FY20 Combined Assessment	Dollar Change from FY19	Percent Change from FY19
CANTON	1,874,192	2,136,764	14.0%	4,383,915	4,620,738	5.4%	\$6,258,107	\$6,757,502	\$499,395	8.0%
NEEDHAM	856,049	1,412,709	65.0%	6,173,219	6,399,114	3.7%	7,029,268	7,811,823	782,555	11.1%
STOUGHTON	161,431	146,695	-9.1%	5,072,227	5,240,340	3.3%	5,233,658	5,387,035	153,377	2.9%
WAKEFIELD	2,133,553	2,581,082	21.0%	6,290,285	6,585,727	4.7%	8,423,838	9,166,809	742,971	8.8%
WELLESLEY	1,485,700	1,476,827	-0.6%	5,745,909	5,933,569	3.3%	7,231,609	7,410,396	178,787	2.5%
WILMINGTON	503,145	732,142	45.5%	2,913,415	2,987,771	2.6%	3,416,560	3,719,913	303,353	8.9%
WINCHESTER	1,840,674	1,732,283	-5.9%	4,319,099	4,458,416	3.2%	6,159,773	6,190,699	30,926	0.5%
WOBBURN	3,177,148	4,119,106	29.6%	9,474,524	9,475,387	0.0%	12,651,672	13,594,493	942,821	7.5%
TOTAL	\$12,031,892	\$14,337,608	19.2%	\$44,372,593	45,701,062	3.0%	\$56,404,485	\$60,038,670	\$3,634,185	6.4%

MWRA Sewer-only Customers	Final FY19 Water Assessment	Final FY20 Water Assessment	Percent Change from FY19	Final FY19 Sewer Assessment	Final FY20 Sewer Assessment	Percent Change from FY19	Final FY19 Combined Assessment	Final FY20 Combined Assessment	Dollar Change from FY19	Percent Change from FY19
ASHLAND				2,693,503	2,747,924	2.0%	\$2,693,503	\$2,747,924	\$54,421	2.0%
BEDFORD				3,655,178	3,630,690	-0.7%	3,655,178	3,630,690	(24,488)	-0.7%
BRAINTREE				9,758,859	9,896,915	1.4%	9,758,859	9,896,915	138,056	1.4%
BURLINGTON				5,530,776	5,815,487	5.1%	5,530,776	5,815,487	284,711	5.1%
CAMBRIDGE				25,518,527	26,400,678	3.5%	25,518,527	26,400,678	882,151	3.5%
DEDHAM				5,597,434	5,860,551	4.7%	5,597,434	5,860,551	263,117	4.7%
HINGHAM SEWER DISTRICT				1,902,184	1,937,252	1.8%	1,902,184	1,937,252	35,068	1.8%
HOLBROOK				1,824,554	1,857,144	1.8%	1,824,554	1,857,144	32,590	1.8%
NATICK				5,972,626	6,044,147	1.2%	5,972,626	6,044,147	71,521	1.2%
RANDOLPH				6,530,979	6,747,779	3.3%	6,530,979	6,747,779	216,800	3.3%
WALPOLE				3,988,527	4,096,111	2.7%	3,988,527	4,096,111	107,584	2.7%
WESTWOOD				2,988,061	3,161,944	5.8%	2,988,061	3,161,944	173,883	5.8%
WEYMOUTH				12,584,755	13,085,354	4.0%	12,584,755	13,085,354	500,599	4.0%
TOTAL				\$88,545,963	\$91,281,976	3.1%	\$88,545,963	\$91,281,976	\$2,736,013	3.1%

MWRA Water-only Customers	Final FY19 Water Assessment	Final FY20 Water Assessment	Percent Change from FY19	Final FY19 Sewer Assessment	Final FY20 Sewer Assessment	Percent Change from FY19	Final FY19 Combined Assessment	Final FY20 Combined Assessment	Dollar Change from FY19	Percent Change from FY19
LYNNFIELD WATER DISTRICT	759,983	801,241	5.4%				\$759,983	\$801,241	\$41,258	5.4%
MARBLEHEAD	2,531,598	2,576,446	1.8%				2,531,598	2,576,446	44,848	1.8%
NAHANT	496,315	457,313	-7.9%				496,315	457,313	(39,002)	-7.9%
SAUGUS	4,016,971	4,221,536	5.1%				4,016,971	4,221,536	204,565	5.1%
SOUTHBOROUGH	866,571	927,672	7.1%				866,571	927,672	61,101	7.1%
SWAMPSCOTT	2,021,785	2,161,811	6.9%				2,021,785	2,161,811	140,026	6.9%
WESTON	2,493,163	2,413,951	-3.2%				2,493,163	2,413,951	(79,212)	-3.2%
TOTAL	\$13,186,386	\$13,559,970	2.8%				\$13,186,386	\$13,559,970	\$373,584	2.8%

MWRA Partial Water-only Customers	Final FY19 Water Assessment	Final FY20 Water Assessment	Percent Change from FY19	Final FY19 Sewer Assessment	Final FY20 Sewer Assessment	Percent Change from FY19	Final FY19 Combined Assessment	Final FY20 Combined Assessment	Dollar Change from FY19	Percent Change from FY19
DEDHAM-WESTWOOD WATER DISTRICT	154,204.00	181,946.00	18.0%				\$154,204	\$181,946	\$27,742	18.0%
LYNN (LWSC)	320,031	392,593	22.7%				320,031	392,593	72,562	22.7%
MARLBOROUGH	5,820,947	5,875,229	0.9%				5,820,947	5,875,229	54,282	0.9%
NORTHBOROUGH	1,271,058	1,312,711	3.3%				1,271,058	1,312,711	41,653	3.3%
PEABODY	4,162,771	4,360,830	4.8%				4,162,771	4,360,830	198,059	4.8%
TOTAL	\$11,729,011	\$12,123,309	3.4%				\$11,729,011	\$12,123,309	\$394,298	3.4%
SYSTEMS TOTAL	\$249,855,191	\$258,751,692	3.6%	\$489,187,009	\$503,015,308	2.8%	\$739,042,200	\$761,767,000	\$22,724,800	3.1%

Massachusetts Water Resources Authority
Clinton Wastewater Treatment Plant
Sewer User Charge Determination

BUDGETED EXPENSES: Final FY2020	
Clinton Direct Operating Expenses:	\$2,639,027
MWRA Support Allocation:	648,136
Subtotal O&M Expenses:	\$3,287,163
Total Debt Service Expenses:	\$1,227,673
Total Clinton Service Area Expenses	\$4,514,836
Less Revenue (City of Worcester Payment)	-208,773
Clinton WWTP Rate Revenue Requirement:	\$4,306,063

WASTEWATER FLOW and FLOW SHARES:	CY2018		
	Town of Clinton Flow	Lancaster Sewer District Flow	Total Wastewater Flow
Average Daily Flow (MGD)	2.714	0.273	2.987
Average Flow (MG/YR)	990.645	99.514	1,090.159
Proportional Share of Flow	90.87%	9.13%	100.0%

Sewer User Charge Determination

TOWN OF CLINTON	
O&M Expenses	\$3,287,163
Less Revenue (City of Worcester Payment)	-208,773
O&M Expenses to be Recovered	\$3,078,390
Clinton's Share of Flow	90.87%
Clinton's Share of O&M Costs	\$2,797,382
Total Clinton O&M Charge	\$2,797,382
Debt Service Costs to be Recovered	\$1,227,673
Clinton's Share of Wastewater Flow	90.87%
Total Clinton Debt Service Charge	\$1,115,606
Total Clinton O&M and Debt Service Charge	\$3,912,988
Less MWRA Water Ratepayer Subsidy	-3,412,988
Billable Charge to the Town of Clinton as per CH. 307, Section 8 The Acts of 1987	\$500,000

LANCASTER SEWER DISTRICT	
O&M Expenses	\$3,287,163
Less Revenue (City of Worcester Payment)	-208,773
O&M Expenses to be Recovered	\$3,078,390
Lancaster's Share of Flow	9.13%
Lancaster's Share of O&M Costs	\$281,008
Total Lancaster Sewer District O&M Charge	\$281,008
Debt Service Costs to be Recovered	\$1,227,673
Lancaster's Share of Wastewater Flow	9.13%
Total Lancaster Sewer District Debt Service Charge	\$112,067
Total Lancaster O&M and Debt Service Charge	\$393,075
Billable Charge to Lancaster Sewer District	\$393,075

Clinton WWTP Charges and Payment Schedule

Sewer Customer	Billable Charges	Change from Prior Year	
		Change	%
Town of Clinton (billable)	\$500,000	\$0	0.0%
Lancaster Sewer District (before adj.)	\$393,075		
Lancaster Sewer District (prior yr. adj.)	-\$17,308		
Lancaster Sewer District (billable)	\$375,767	-\$74,511	-16.5%
Total Billable Sewer Use Charges	\$875,767		
City of Worcester	\$208,773	\$188,387	10.8%

Payment 1 on or before Sept 15, 2019	Payment 2 on or before Nov 15, 2019	Payment 3 on or before Feb 15, 2020	Payment 4 on or before May 15, 2020
\$125,000	\$125,000	\$125,000	\$125,000
\$93,942	\$93,942	\$93,942	\$93,942
\$218,942	\$218,942	\$218,942	\$218,942
\$0	\$0	\$208,773	\$0

Massachusetts Water Resources Authority
Chicopee Valley Aqueduct Water System Assessment
FY2020

CVA Operating Budget	FY19	FY20
CVA Cost Center Expenses	\$902,430	\$935,590
Allocated Waterworks Expenses	143,220	149,935
Allocated Watershed/PILOT	482,590	495,188
Allocated Watershed Land Acquisition	25,584	27,935
Allocated MWRA Indirect Expenses	596,737	629,553
SUBTOTAL OPERATING BUDGET	\$2,150,561	\$2,238,201

Change from Prior Year	
Dollars	Percent
\$33,160	3.7%
6,715	4.7%
12,597	2.6%
2,351	9.2%
32,816	5.5%
\$87,640	4.1%

CVA Capital Budget	FY19	FY20
Capital Expenses	\$3,039,237	\$3,064,467
TOTAL CVA BUDGET	\$5,189,798	\$5,302,668

Change from Prior Year	
Dollars	Percent
\$25,230	0.8%
\$112,870	2.2%

BASE COMMUNITY ASSESSMENT	FY19¹	FY20²
Chicopee	\$3,670,553	\$3,728,618
South Hadley Fire District #1	739,075	748,587
Wilbraham	780,170	825,463
CVA BASE SYSTEM ASSESSMENT	\$5,189,798	\$5,302,668

Change from Prior Year	
Dollars	Percent
\$58,065	1.6%
9,513	1.3%
45,293	5.8%
\$112,870	2.2%

PRIOR PERIOD ADJUSTMENTS	FY19³	FY20³
Chicopee	-\$128,478	-\$123,896
South Hadley Fire District #1	-28,716	-25,004
Wilbraham	-22,875	-7,657
TOTAL ADJUSTMENTS	-\$180,069	-\$156,557

Change from Prior Year	
Dollars	Percent
\$4,582	-3.6%
3,712	-12.9%
15,218	-66.5%
\$23,512	-13.1%

ADJUSTED ASSESSMENT	FY19	FY20
Chicopee	\$3,542,075	\$3,604,721
South Hadley Fire District #1	710,359	723,584
Wilbraham	757,295	817,806
ADJUSTED ASSESSMENT	\$5,009,729	\$5,146,111

Change from Prior Year	
Dollars	Percent
\$62,646	1.8%
13,225	1.9%
60,511	8.0%
\$136,382	2.72%

¹ Based on CY2017 water use and before prior period adjustments.

² Based on CY2018 water use and before prior period adjustments.

³ Prior period adjustment to account for budget to actual expenses.