Massachusetts Water Resources Authority Preliminary FY21 Water and Sewer Assessments

| MWRA Fully Served Water and Sewer Customers | Final FY20 Water Assessment | Preliminary FY21 Water Assessment | Percent Change from FY20 | Final FY20 Sewer Assessment | Preliminary FY21 Sewer Assessment | Percent Change from FY20 | Final FY20 Combined Assessment | Preliminary FY21 Combined Assessment | Dollar Change from FY20 | Percent Change from FY20 |
|--|-----------------------------------|--------------------------------------|--------------------------------|-----------------------------------|---|--------------------------------|--------------------------------------|--|-------------------------------|--------------------------------|
| ARLINGTON | 5,428,333 | 5,643,748 | 4.0% | 8,921,155 | 9,268,128 | 3.9% | \$14,349,488 | \$14,911,876 | \$562,388 | 3.9% |
| BELMONT | 3,001,852 | 3,049,438 | 1.6% | 5,321,061 | 5,587,200 | 5.0% | 8,322,913 | 8,636,638 | 313,725 | 3.8% |
| BOSTON (BWSC) | 93,413,175 | 98,271,609 | 5.2% | 145,875,583 | 151,258,622 | 3.7% | 239,288,758 | 249,530,231 | 10,241,473 | 4.3% |
| BROOKLINE | 7,300,560 | 7,565,766 | 3.6% | 13,202,213 | 13,800,085 | 4.5% | 20,502,773 | 21,365,851 | 863,078 | 4.2% |
| CHELSEA | 4,939,423 | 5,174,076 | 4.8% | 8,626,321 | 8,959,962 | 3.9% | 13,565,744 | 14,134,038 | 568,294 | 4.2% |
| EVERETT | 5,543,676 | 5,975,706 | 7.8% | 9,310,473 | 9,886,774 | 6.2% | 14,854,149 | 15,862,480 | 1,008,331 | 6.8% |
| FRAMINGHAM | 8,448,119 | 8,860,555 | 4.9% | 13,569,073 | 13,710,669 | 1.0% | 22,017,192 | 22,571,224 | 554,032 | 2.5% |
| LEXINGTON | 7,413,364 | 8,030,101 | 8.3% | 7,851,947 | 8,248,093 | 5.0% | 15,265,311 | 16,278,194 | 1,012,883 | 6.6% |
| MALDEN | 7,552,824 | 8,003,958 | 6.0% | 13,705,355 | 13,965,507 | 1.9% | 21,258,179 | 21,969,465 | 711,286 | 3.3% |
| MEDFORD | 6,542,736 | 6,892,594 | 5.3% | 12,493,747 | 12,852,019 | 2.9% | 19,036,483 | 19,744,613 | 708,130 | 3.7% |
| MELROSE | 2,977,071 | 3,114,230 | 4.6% | 6,723,984 | 6,938,714 | 3.2% | 9,701,055 | 10,052,944 | 351,889 | 3.6% |
| MILTON | 3,508,765 | 3,534,684 | 0.7% | 5,736,340 | 6,031,998 | 5.2% | 9,245,105 | 9,566,682 | 321,577 | 3.5% |
| NEWTON | 12,721,936 | 13,572,157 | 6.7% | 22,443,151 | 22,805,214 | 1.6% | 35,165,087 | 36,377,371 | 1,212,284 | 3.4% |
| NORWOOD | 3,963,726 | 4,258,586 | 7.4% | 8,171,535 | 8,486,687 | 3.9% | 12,135,261 | 12,745,273 | 610,012 | 5.0% |
| QUINCY | 11,714,243 | 12,438,188 | 6.2% | 21,091,455 | 21,812,109 | 3.4% | 32,805,698 | 34,250,297 | 1,444,599 | 4.4% |
| READING | 2,370,637 | 2,406,856 | 1.5% | 5,377,793 | 5,568,253 | 3.5% | 7,748,430 | 7,975,109 | 226,679 | 2.9% |
| REVERE | 5,262,364 | 5,608,417 | 6.6% | 10,896,609 | 11,244,370 | 3.2% | 16,158,973 | 16,852,787 | 693,814 | 4.3% |
| SOMERVILLE | 8,240,009 | 8,736,900 | 6.0% | 17,492,310 | 17,543,441 | 0.3% | 25,732,319 | 26,280,341 | 548,022 | 2.1% |
| STONEHAM | 3,019,242 | 2,879,103 | -4.6% | 4,812,709 | 5,126,864 | 6.5% | 7,831,951 | 8,005,967 | 174,016 | 2.2% |
| WALTHAM | 9,621,955 | 10,076,406 | 4.7% | 13,961,534 | 14,507,130 | 3.9% | 23,583,489 | 24,583,536 | 1,000,047 | 4.2% |
| WATERTOWN | 3,898,438 | 3,947,484 | 1.3% | 6,729,234 | 6,938,056 | 3.1% | 10,627,672 | 10,885,540 | 257,868 | 2.4% |
| WINTHROP | 1,848,357 | 1,964,235 | 6.3% | 3,718,688 | 3,872,794 | 4.1% | 5,567,045 | 5,837,029 | 269,984 | 4.8% |
| тот | AL \$218,730,805 | \$230,004,797 | 5.2% | \$366,032,270 | \$378,412,689 | 3.4% | \$584,763,075 | \$608,417,486 | \$23,654,411 | 4.0% |

| MWRA Sewer and Partial Water Customers | Final FY20 Water Assessment | Preliminary FY21 Water Assessment | Percent Change from FY20 | Final FY20 Sewer Assessment | Preliminary FY21 Sewer Assessment | Percent Change from FY20 | Final FY20 Combined Assessment | Preliminary FY21 Combined Assessment | Dollar Change from FY20 | Percent Change from FY20 |
|---|-----------------------------------|--------------------------------------|--------------------------------|-----------------------------------|---|--------------------------------|--------------------------------------|--|-------------------------------|--------------------------------|
| CANTON | 2,136,764 | 1,631,452 | -23.6% | 4,620,738 | 4,774,766 | 3.3% | \$6,757,502 | \$6,406,218 | (\$351,284) | -5.2% |
| NEEDHAM | 1,412,709 | 1,126,226 | -20.3% | 6,399,114 | 6,655,947 | 4.0% | 7,811,823 | 7,782,173 | (29,650) | -0.4% |
| STOUGHTON | 146,695 | 141,420 | -3.6% | 5,240,340 | 5,417,061 | 3.4% | 5,387,035 | 5,558,481 | 171,446 | 3.2% |
| WAKEFIELD | 2,581,082 | 2,883,067 | 11.7% | 6,585,727 | 6,851,952 | 4.0% | 9,166,809 | 9,735,019 | 568,210 | 6.2% |
| WELLESLEY | 1,476,827 | 1,840,814 | 24.6% | 5,933,569 | 6,203,614 | 4.6% | 7,410,396 | 8,044,428 | 634,032 | 8.6% |
| WILMINGTON | 732,142 | 601,231 | -17.9% | 2,987,771 | 3,071,580 | 2.8% | 3,719,913 | 3,672,811 | (47,102) | -1.3% |
| WINCHESTER | 1,732,283 | 1,840,921 | 6.3% | 4,458,416 | 4,644,433 | 4.2% | 6,190,699 | 6,485,354 | 294,655 | 4.8% |
| WOBURN | 4,119,106 | 4,211,913 | 2.3% | 9,475,387 | 9,747,424 | 2.9% | 13,594,493 | 13,959,337 | 364,844 | 2.7% |
| TO | TAL \$14,337,608 | \$14,277,044 | -0.4% | \$45,701,062 | 47,366,777 | 3.6% | \$60,038,670 | \$61,643,821 | \$1,605,151 | 2.7% |

| MWRA Sewer-only Customers | Final FY20 Water Assessment | Preliminary FY21 Water Assessment | Percent Change from FY20 | Final FY20 Sewer Assessment | Preliminary FY21 Sewer Assessment | Percent Change from FY20 | Final FY20 Combined Assessment | Preliminary FY21 Combined Assessment | Dollar Change from FY20 | Percent Change from FY20 |
|---------------------------|-----------------------------------|--------------------------------------|--------------------------------|-----------------------------------|---|--------------------------------|--------------------------------------|--|-------------------------------|--------------------------------|
| ASHLAND | | | | 2,747,924 | 2,802,424 | 2.0% | \$2,747,924 | \$2,802,424 | \$54,500 | 2.0% |
| BEDFORD | | | | 3,630,690 | 3,706,686 | 2.1% | 3,630,690 | 3,706,686 | 75,996 | 2.1% |
| BRAINTREE | | | | 9,896,915 | 10,427,323 | 5.4% | 9,896,915 | 10,427,323 | 530,408 | 5.4% |
| BURLINGTON | | | | 5,815,487 | 6,062,437 | 4.2% | 5,815,487 | 6,062,437 | 246,950 | 4.2% |
| CAMBRIDGE | | | | 26,400,678 | 27,153,096 | 2.8% | 26,400,678 | 27,153,096 | 752,418 | 2.8% |
| DEDHAM | | | | 5,860,551 | 6,125,817 | 4.5% | 5,860,551 | 6,125,817 | 265,266 | 4.5% |
| HINGHAM SEWER DISTRICT | | | | 1,937,252 | 2,086,052 | 7.7% | 1,937,252 | 2,086,052 | 148,800 | 7.7% |
| HOLBROOK | | | | 1,857,144 | 1,901,614 | 2.4% | 1,857,144 | 1,901,614 | 44,470 | 2.4% |
| NATICK | | | | 6,044,147 | 6,206,098 | 2.7% | 6,044,147 | 6,206,098 | 161,951 | 2.7% |
| RANDOLPH | | | | 6,747,779 | 7,035,461 | 4.3% | 6,747,779 | 7,035,461 | 287,682 | 4.3% |
| WALPOLE | | | | 4,096,111 | 4,301,489 | 5.0% | 4,096,111 | 4,301,489 | 205,378 | 5.0% |
| WESTWOOD | | | | 3,161,944 | 3,254,117 | 2.9% | 3,161,944 | 3,254,117 | 92,173 | 2.9% |
| WEYMOUTH | | | | 13,085,354 | 13,678,920 | 4.5% | 13,085,354 | 13,678,920 | 593,566 | 4.5% |
| τοτΑ | AL. | | | \$91,281,976 | \$94,741,534 | 3.8% | \$91,281,976 | \$94,741,534 | \$3,459,558 | 3.8% |

| MWRA Water-only Customers | | Final FY20 Water Assessment | Preliminary FY21 Water Assessment | Percent Change from FY20 | Final FY20 Sewer Assessment | Preliminary FY21 Sewer Assessment | Percent Change from FY20 | Final FY20 Combined Assessment | Preliminary FY21 Combined Assessment | Dollar Change from FY20 | Percent Change from FY20 |
|---------------------------|-------|-----------------------------------|--------------------------------------|--------------------------------|-----------------------------------|---|--------------------------------|--------------------------------------|--|-------------------------------|--------------------------------|
| LYNNFIELD WATER DISTRICT | | 801,241 | 767,131 | -4.3% | | | | \$801,241 | \$767,131 | (\$34,110) | -4.3% |
| MARBLEHEAD | | 2,576,446 | 2,672,018 | 3.7% | | | | 2,576,446 | 2,672,018 | 95,572 | 3.7% |
| NAHANT | | 457,313 | 515,906 | 12.8% | | | | 457,313 | 515,906 | 58,593 | 12.8% |
| SAUGUS | | 4,221,536 | 4,478,855 | 6.1% | | | | 4,221,536 | 4,478,855 | 257,319 | 6.1% |
| SOUTHBOROUGH | | 927,672 | 1,005,985 | 8.4% | | | | 927,672 | 1,005,985 | 78,313 | 8.4% |
| SWAMPSCOTT | | 2,161,811 | 2,349,375 | 8.7% | | | | 2,161,811 | 2,349,375 | 187,564 | 8.7% |
| WESTON | | 2,413,951 | 2,402,122 | -0.5% | | | | 2,413,951 | 2,402,122 | (11,829) | -0.5% |
| | TOTAL | \$13,559,970 | \$14,191,392 | 4.7% | | | | \$13,559,970 | \$14,191,392 | \$631,422 | 4.7% |

| MWRA Partial Water-only Customers | Final FY20 Water Assessment | Preliminary FY21 Water Assessment | Percent Change from FY20 | Final FY20 Sewer Assessment | Preliminary FY21 Sewer Assessment | Percent Change from FY20 | Final FY20 Combined Assessment | Preliminary FY21 Combined Assessment | Dollar Change from FY20 | Percent Change from FY20 |
|-----------------------------------|-----------------------------------|--------------------------------------|--------------------------------|-----------------------------------|---|--------------------------------|--------------------------------------|--|-------------------------------|--------------------------------|
| DEDHAM-WESTWOOD WATER DISTRICT | 181,946.00 | 1,040,934.00 | 472.1% | | | | \$181,946 | \$1,040,934 | \$858,988 | 472.1% |
| LYNN (LWSC) | 392,593 | 397,272 | 1.2% | | | | 392,593 | 397,272 | 4,679 | 1.2% |
| MARLBOROUGH | 5,875,229 | 6,213,086 | 5.8% | | | | 5,875,229 | 6,213,086 | 337,857 | 5.8% |
| NORTHBOROUGH | 1,312,711 | 1,426,557 | 8.7% | | | | 1,312,711 | 1,426,557 | 113,846 | 8.7% |
| PEABODY | 4,360,830 | 1,313,918 | -69.9% | | | | 4,360,830 | 1,313,918 | (3,046,912) | -69.9% |
| TOTAL | \$12,123,309 | \$10,391,767 | -14.3% | | | | \$12,123,309 | \$10,391,767 | (\$1,731,542) | -14.3% |
| SYSTEMS TOTAL | \$258,751,692 | \$268,865,000 | 3.9% | \$503,015,308 | \$520,521,000 | 3.5% | \$761,767,000 | \$789,386,000 | \$27,619,000 | 3.6% |

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

| BUDGETED EXPENSES: Preliminary FY21 | | WASTEWATER FLOW and FLOW | SHARES: | CY20 | 019 |
|--|-------------|----------------------------|-----------------|----------------|------------|
| Clinton Direct Operating Expenses: | \$2,731,480 | | | Lancaster | Total |
| MWRA Support Allocation: | 656,708 | | Town of Clinton | Sewer District | Wastewater |
| Subtotal O&M Expenses: | \$3,388,188 | | Flow | Flow | Flow |
| Total Debt Service Expenses: | \$1,379,224 | | | | |
| Total Clinton Service Area Expenses | \$4,767,411 | Average Daily Flow (MGD) | 2.339 | 0.243 | 2.583 |
| Less Revenue (City of Worcester Payment) | -216,087 | Average Flow (MG/YR) | 853.904 | 88.869 | 942.773 |
| Clinton WWTP Rate Revenue Requirement: | \$4,551,324 | Proportional Share of Flow | 90.57% | 9.43% | 100.0% |

| | Sewer User Charge Deter | rmination |
|--|-------------------------|-----------|
| TOWN OF CLINTON | | LANC |
| O&M Expenses | \$3,388,188 | 0&M |
| Less Revenue (City of Worcester Payment) | -216,087 | Le |
| O&M Expenses to be Recovered | \$3,172,101 | 0&M |
| Clinton's Share of Flow | 90.57% | Lanca |
| Clinton's Share of O&M Costs | \$2,873,087 | Lanca |
| Total Clinton O&M Charge | \$2,873,087 | Total |
| Debt Service Costs to be Recovered | \$1,379,224 | Debt |
| Clinton's Share of Wastewater Flow | 90.57% | Lanca |
| Total Clinton Debt Service Charge | \$1,249,213 | Total |
| Total Clinton O&M and Debt Service Charge | \$4,122,300 | Total |
| Less MWRA Water Ratepayer Subsidy | -\$3,622,300 | |
| Billable Charge to the Town of Clinton | \$500,000 | Billable |
| as per CH. 307, Section 8 The Acts of 1987 | | |

| LANCASTER SEWER DISTRICT | |
|--|-------------|
| O&M Expenses | \$3,388,188 |
| Less Revenue (City of Worcester Payment) | -216,087 |
| O&M Expenses to be Recovered | \$3,172,101 |
| Lancaster's Share of Flow | 9.43% |
| Lancaster's Share of O&M Costs | \$299,013 |
| Total Lancaster Sewer District O&M Charge | \$299,013 |
| Debt Service Costs to be Recovered | \$1,379,224 |
| Lancaster's Share of Wastewater Flow | 9.43% |
| Total Lancaster Sewer District Debt Service Charge | \$130,010 |
| Total Lancaster O&M and Debt Service Charge | \$429,023 |
| Billable Charge to Lancaster Sewer District | \$429,023 |

Clinton WWTP Charges and Payment Schedule

| Sewer Customer | Billable Charges | Change from Prio | r Year |
|---|---------------------|------------------|--------|
| Town of Clinton (billable) | \$500,000 | \$0 | 0.0% |
| Lancaster Sewer District (before adj.) | \$429,023 | | |
| Lancaster Sewer District (prior yr. adj.) | \$13,070 | | |
| Lancaster Sewer District (billable) | \$442,093 | \$66,326 | 17.7% |
| Total Billable Sewer Use Charges | \$942,093 | | |
| City of Worcester | \$216,087 | \$208,773 | 3.5% |

| on or before on or before on or before on or before <u>Sept 15, 2020</u> Nov 15, 2020 Feb 15, 2021 May 15, 20 \$125,000 \$125,000 \$125,000 \$125,000 | | | | |
|--|---------------|-------------------|--------------|------------------|
| Sept 15, 2020 Nov 15, 2020 Feb 15, 2021 May 15, 20 \$125,000 \$125,000 \$125,000 \$125,000 \$110,523 \$110,523 \$110,523 \$110,523 | Payment 1 | Payment 2 | Payment 3 | Payment 4 |
| \$125,000 \$110,523 \$100 \$10,500 \$100,500 \$100,500 \$100,500 \$100,500 \$100,500 \$100,500 | on or before | on or before | on or before | on or before |
| \$110,523 \$110,523 \$110,523 \$110,5 | Sept 15, 2020 | Nov 15, 2020 | Feb 15, 2021 | May 15, 2021 |
| | \$125,000 | \$125,000 | \$125,000 | \$125,000 |
| | | | | |
| \$235,523 \$235,523 \$235,523 \$235,5 | \$110,523 | \$110,523 | \$110,523 | \$110,523 |
| <u> </u> | \$235 523 | \$235 523 | \$235 523 | \$235 523 |
| | \$255,525 | <i>\\</i> 200,020 | \$255,525 | <i>\$255,525</i> |
| \$0 \$0 \$216,087 | \$0 | \$0 | \$216,087 | \$0 |

Massachusetts Water Resources Authority

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Chicopee Valley Aqueduct Water System Assessment PFY2021

| CVA Operating Budget | FY20 | PFY21 |
|--------------------------------------|-------------|-------------|
| CVA Cost Center Expenses | \$935,590 | \$965,147 |
| Allocated Waterworks Expenses | 149,935 | 154,340 |
| Allocated Watershed/PILOT | 495,188 | 471,049 |
| Allocated Watershed Land Acquisition | 27,935 | 28,671 |
| Allocated MWRA Indirect Expenses | 629,553 | 639,541 |
| SUBTOTAL OPERATING BUDGET | \$2,238,201 | \$2,258,748 |

| Change from | Change from Prior Year | | | | |
|-------------|------------------------|--|--|--|--|
| Dollars | Percent | | | | |
| \$29,556 | 3.2% | | | | |
| 4,405 | 2.9% | | | | |
| -24,139 | -4.9% | | | | |
| 736 | 2.6% | | | | |
| 9,988 | 1.6% | | | | |
| \$20,547 | 0.9% | | | | |

| CVA Capital Budget | FY20 | PFY21 |
|--------------------|-------------|-------------|
| Capital Expenses | \$3,064,467 | \$3,049,558 |
| | | |
| TOTAL CVA BUDGET | \$5,302,668 | \$5,308,306 |

| Change from Prior Year | |
|------------------------|---------|
| Dollars | Percent |
| -\$14,908 | -0.5% |
| | |
| \$5,638 | 0.1% |

Change from Prior Year

Percent

-0.1% 2.9%

-1.7%

0.1%

Dollars

-\$2,086

21,982 -14,258

\$5,638

| BASE COMMUNITY ASSESSMENT | FY20 ¹ | PFY21 ² |
|-------------------------------|-------------------|--------------------|
| Chicopee | \$3,728,618 | \$3,726,532 |
| South Hadley Fire District #1 | 748,587 | 770,569 |
| Wilbraham | 825,463 | 811,205 |
| CVA BASE SYSTEM ASSESSMENT | \$5,302,668 | \$5,308,306 |

| PRIOR PERIOD ADJUSTMENTS | FY20 ³ | PFY21 ³ |
|-------------------------------|-------------------|--------------------|
| Chicopee | -\$123,896 | -\$19,126 |
| South Hadley Fire District #1 | -25,004 | -3,961 |
| Wilbraham | -7,657 | -2,861 |
| TOTAL ADJUSTMENTS | -\$156,557 | -\$25,949 |

| Change from Prior Year | | |
|------------------------|---------|--|
| Dollars | Percent | |
| \$104,770 | | |
| 21,043 | -84.2% | |
| 4,795 | -62.6% | |
| \$130,608 | -83.4% | |

| ADJUSTED ASSESSMENT | FY20 | PFY21 |
|-------------------------------|-------------|-------------|
| Chicopee | \$3,604,721 | \$3,707,406 |
| South Hadley Fire District #1 | 723,584 | 766,608 |
| Wilbraham | 817,806 | 808,343 |
| ADJUSTED ASSESSMENT | \$5,146,111 | \$5,282,357 |

| Change from | Change from Prior Year | | |
|-------------|------------------------|--|--|
| Dollars | Percent | | |
| \$102,684 | 2.8% | | |
| 43,025 | 5.9% | | |
| -9,463 | -1.2% | | |
| \$136,246 | 2.65% | | |

¹ Based on CY2018 water use and before prior period adjustments.

² Based on CY2019 water use and before prior period adjustments.

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