## **STAFF SUMMARY**

**TO**: Board of Directors

**FROM**: Frederick A. Laskey, Executive Director

**DATE**: May 6, 2020

**SUBJECT**: Final FY21 Water and Sewer Assessments

COMMITTEE: Administration, Finance & Audit \_\_\_\_\_ INFORMATION

X VOTE

Michael Cole, Budget Director

Leo Norton, Asst. Mgr, Rates, Revenue and Finance

Preparer/Title

Thomas J. Durkin
Director of Finance

The Proposed FY21 Current Expense Budget (CEB) was submitted to the Advisory Board at the February 2020 Board meeting and included a 3.63% combined assessment increase.

As a result of the economic impacts of the Coronavirus Pandemic, MWRA and Advisory Board staff have undertaken several initiatives to provide financial relief to MWRA's member communities. One of those initiatives has been to reduce the combined assessment increase of 3.63% in the FY21 Proposed Budget to 1.00% in the FY21 Draft Final Budget.

Consistent with the FY21 Draft Final Budget, the combined assessment increase is 1.00%, and includes a 0.34% decrease for sewer assessments, and a 3.60% increase for water assessments.

#### **RECOMMENDATION:**

To adopt the following effective July 1, 2020:

- 1) Water system assessments of \$268,071,397 and sewer system assessments of \$501,313,603 for FY21.
- 2) FY21 sewer assessments of \$500,000 for the Town of Clinton and \$433,771 for the Lancaster Sewer District.
- 3) FY21 charge to the City of Worcester of \$214,711 representing approximately 7.9% of the direct operating expenses for the Clinton Wastewater Treatment Plant.
- 4) FY21 water assessments of \$3,707,406 for the City of Chicopee, \$766,608 for South Hadley Fire District #1, and \$808,343 for the Town of Wilbraham.
- 5) A wholesale water rate of \$4,320.63 per million gallons.
- 6) A retail sewer rate of \$7,788.00 per million gallons.

#### **DISCUSSION:**

The Draft Final FY21 Current Expense Budget includes a Rate Revenue Requirement of \$769,385,000, an increase of 1.0% over the FY20 requirement.

	EW21 Dueft Final	EV20 Annuaved	Change fr	om FY20	
	FY21 Draft Final	FY20 Approved	Dollars	Percent	
Water	\$268,071,397	\$258,751,692	\$ 9,319,705	3.60%	
Sewer	\$501,313,603	\$503,015,308	(\$ 1,701,705)	-0.34%	
Total	\$769,385,000	\$761,767,000	\$ 7,618,000	1.00%	

Attachment 1 summarizes FY21 wholesale water and sewer charges for each MWRA community.

The estimated annual impact of the FY21 assessment increase on the MWRA portion of the average household bill for water and sewer service in a fully served MWRA community that uses close to the system average of 61,000 gallons of water per year is approximately \$8.

# **Water Assessments**

MWRA calculates water assessments for customer communities by apportioning the water rate revenue requirement according to each community's share of total water use for the most recent calendar year. FY21 water assessments are based on each community's share of CY19 water use of 62.045 billion gallons, a 3.6% decrease compared to CY18 water use of 64.343 billion gallons. Changes in FY21 water assessments for customer communities compared to FY20 assessments will vary considerably, depending on each community's use of water and how that use factors into their share of the water system in CY19 compared to CY18. This is particularly true for communities that receive only part of their water from MWRA.

The graph below illustrates the water Rate Revenue Requirement for the past 5 years. The changes from FY20 to FY21 are primarily the result of increased debt service related to water system rehabilitation and improvements.

#### **MWRA Water Rate Revenue Requirement**

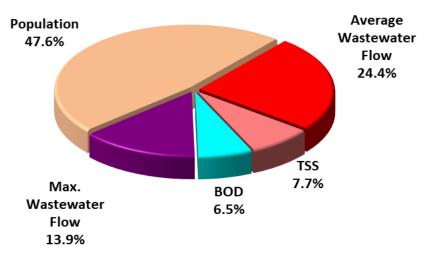


# **Sewer Assessments**

MWRA allocates sewer assessments based on each community's share of the following allocation parameters: annual wastewater flow, maximum month flow, strength of flow, census population, and sewered population.

On average, approximately 52% of a community's FY21 sewer assessment is based on each community's share of wastewater flow and strength of flow (total suspended solids or TSS and biochemical oxygen demand or BOD), and approximately 48% is based on population as illustrated in the next graph.

# Allocation of Total MWRA Sewer Utility Assessment

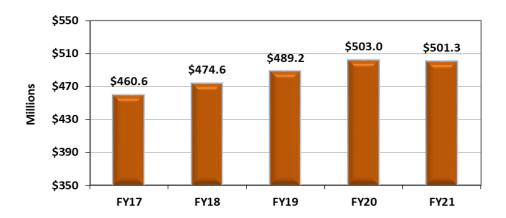


The population component of the FY21 assessments were calculated using the most recent (July 2018) community population estimates from the U.S. Census Bureau, as well as the percentage of total population receiving municipal sewer service as reported by each MWRA community.

The flow component of the FY21 assessments were calculated using the average of CY17, CY18 and CY19 wastewater flows and strength of flows.

The following graph illustrates the sewer Rate Revenue Requirement for the past 5 years. As with the water utility, the annual changes continue to be primarily the result of increased debt service related to system rehabilitation and improvements.

#### **MWRA Sewer Rate Revenue Requirement**



# **Water and Sewer Flow Data**

The potential need for an adjustment to Somerville's CY19 water flows discussed in the February preliminary assessment staff summary has not been resolved at this time. Staff in Somerville and MWRA continue to investigate possible reasons for the apparent discrepancy in flow numbers. In addition, due in part to reductions in field work resulting from MWRA and contractor adjustments for pandemic safety, there are a number of sewer meters in various communities which may require flow adjustments after the final budget is approved. Staff will use MWRA's established processes for retroactive adjustments and any necessary changes will be reflected in FY22 assessments.

#### **Clinton Sewer Service Area Assessments**

FY21 operating and maintenance (O&M) and capital expenses attributable to the Clinton Wastewater Treatment Plant are \$4,677,742, an increase of 3.6% over FY20 expenses. This includes a 2.3% increase in operating costs, and a 7.1% increase in capital expenses related primarily to the landfill cell #1 closure, digester cover replacement, and valve and screw pump replacement projects.

In accordance with the agreement that allows the City of Worcester to take water from the Wachusett watershed, Worcester is charged approximately 7.9% of the direct operating expenses for the Clinton Wastewater Treatment Plant. FY21 direct operating expenses for the plant total \$2,714,083, resulting in an FY21 charge of \$214,711 for the City of Worcester. Worcester has been paying this annual charge to MWRA or its predecessors since 1914.

The Town of Clinton and the Lancaster Sewer District are allocated proportional shares of the remaining expenses based on annual metered wastewater flow to the Clinton Plant. Based on FY21 expenses and CY19 wastewater flows, Lancaster's FY21 charge is \$433,771, an increase of 15.4% from the FY20 charge of \$375,767.

The FY21 charge for the Town of Clinton is \$4,042,330. However, pursuant to Chapter 307, Section 8 of the Acts of 1987, Clinton is only liable for the first \$500,000 of its share of O&M and capital costs.

Attachment 2 details the expenses and corresponding charges for the Clinton Sewer Service Area.

# **CVA Water Assessments**

Based on the Draft Final FY21 CIP and CEB for the Chicopee Valley Aqueduct (CVA) water system, the FY21 system assessment is \$5,282,357, an increase of 2.6% from FY20 assessments.

MWRA's CVA water assessment methodology allocates CVA assessments to the three communities served by the CVA system based on their share of prior calendar year water use. Based on CY19 water use, FY21 assessments are as follows:

City of Chicopee: \$3,707,406 (+2.8%)
South Hadley Fire District #1: \$766,608 (+5.9%)
Town of Wilbraham: \$808,343 (-1.2%)

As with the metropolitan water system, changes in FY21 water assessments for each CVA community compared to FY20 assessments vary depending on their water use and how that use factors into their share of the CVA water system in CY19 compared to CY18.

Attachment 3 details the expenses and corresponding assessments for the CVA Water Service Area.

# **Wholesale Water Rate**

MWRA's wholesale water rate per million gallons is applied to customers purchasing MWRA water on a pay-as-you-go basis (including customers with emergency agreements). The wholesale water rate for FY21 is \$4,320.63 per million gallons. The FY21 CEB includes revenue of \$140,293 from these customers.

# **Retail Sewer Rate**

MWRA provides direct retail sewer service to Regis College in Weston and the New England Center for Children in Southborough. In accordance with MWRA Policy #OP.11, "Admission of New Community to MWRA Sewer System and Other Requests for Sewer Service to Locations Outside MWRA Sewer Service Area", both entities are charged a modified per million gallon "retail" rate that captures both sanitary and non-sanitary flows. Based on FY21 sewer assessments, the FY21 retail sewer rate will be \$7,788.00 per million gallons. The Draft Final FY21 CEB includes revenue of \$101,135 from these customers.

### **ATTACHMENTS:**

- 1. FY21 Water and Sewer Assessments
- 2. Clinton Wastewater Treatment Plant Sewer User Charge Determination
- 3. Chicopee Valley Aqueduct System Assessment

MWRA Fully Served Water and Sewer Customers	Final FY20 Water Assessment	Final FY21 Water Assessment	Percent Change from FY20	Final FY20 Sewer Assessment	Final FY21 Sewer Assessment	Percent Change from FY20	Final FY20 Combined Assessment	Final FY21 Combined Assessment	Dollar Change from FY20	Percent Change from FY20
ARLINGTON	5,428,333	5,627,090	3.7%	8,921,155	8,872,540	-0.5%	\$14,349,488	\$14,499,630	\$150,142	1.0%
BOSTON (BWSC)	3,001,852	3,040,437	1.3%	5,321,061	5,332,639	0.2%	8,322,913	8,373,076	50,163	0.6%
BROOKLINE	93,413,175 7,300,560	97,981,545 7,543,434	4.9% 3.3%	145,875,583 13,202,213	145,976,286 13,249,272	0.1%	239,288,758 20,502,773	243,957,831	4,669,073 289,933	2.0% 1.4%
CHELSEA	4,939,423	5,158,804	4.4%	8,626,321	8,585,318	-0.5%	13,565,744	13,744,122	178,378	1.4%
EVERETT	5,543,676	5,958,067	7.5%	9,310,473	9,529,946	2.4%	14,854,149	15,488,013	633,864	4.3%
FRAMINGHAM	8,448,119	8,834,401	4.6%	13,569,073	13,209,393	-2.7%	22,017,192	22,043,794	26,602	0.1%
LEXINGTON	7,413,364	8,006,399	8.0%	7,851,947	7,922,359	0.9%	15,265,311	15,928,758	663,447	4.3%
MALDEN	7,552,824	7,980,333	5.7%	13,705,355	13,376,032	-2.4%	21,258,179	21,356,365	98,186	0.5%
MEDFORD	6,542,736	6,872,249	5.0%	12,493,747	12,312,099	-1.5%	19,036,483	19,184,348	147,865	0.8%
MELROSE	2,977,071	3,105,038	4.3%	6,723,984	6,642,072	-1.2%	9,701,055	9,747,110	46,055	0.5%
MILTON	3,508,765	3,524,251	0.4%	5,736,340	5,780,577	0.8%	9,245,105	9,304,828	59,723	0.6%
NEWTON	12,721,936	13,532,097	6.4%	22,443,151	21,895,848	-2.4%	35,165,087	35,427,945	262,858	0.7%
NORWOOD	3,963,726	4,246,016	7.1%	8,171,535	8,188,530	0.2%	12,135,261	12,434,546	299,285	2.5%
QUINCY	11,714,243	12,401,474	5.9%	21,091,455	20,972,691	-0.6%	32,805,698	33,374,165	568,467	1.7%
READING	2,370,637	2,399,752	1.2%	5,377,793	5,250,778	-2.4%	7,748,430	7,650,530	(97,900)	-1.3%
REVERE	5,262,364	5,591,863	6.3%	10,896,609	10,748,405	-1.4%	16,158,973	16,340,268	181,295	1.1%
SOMERVILLE	8,240,009	8,711,112	5.7%	17,492,310	16,822,763	-3.8%	25,732,319	25,533,875	(198,444)	-0.8%
STONEHAM	3,019,242	2,870,605	-4.9%	4,812,709	4,988,619	3.7%	7,831,951	7,859,224	27,273	0.3%
WALTHAM	9,621,955	10,046,663	4.4%	13,961,534	13,972,854	0.1%	23,583,489	24,019,517	436,028	1.8%
WATERTOWN	3,898,438	3,935,832	1.0%	6,729,234	6,648,177	-1.2%	10,627,672	10,584,009	(43,663)	-0.4%
WINTHROP	1,848,357	1,958,437	6.0%	3,718,688	3,714,891	-0.1%	5,567,045	5,673,328	106,283	1.9%
TOTA		\$229,325,899	4.8%	\$366,032,270	\$363,992,089	-0.6%	\$584,763,075	\$593,317,988	\$8,554,913	1.5%
MWRA Sewer and Partial Water Customers	Final FY20 Water Assessment	Final FY21 Water Assessment	Percent Change from FY20	Final FY20 Sewer Assessment	Final FY21 Sewer Assessment	Percent Change from FY20	Final FY20 Combined Assessment	Final FY21 Combined Assessment	Dollar Change from FY20	Percent Change from FY20
CANTON	2,136,764	1,626,637	-23.9%	4,620,738	4,599,635	-0.5%	\$6,757,502	\$6,226,272	(\$531,230)	-7.9%
NEEDHAM	1,412,709	1,122,902	-20.5%	6,399,114	6,399,895	0.0%	7,811,823	7,522,797	(289,026)	-3.7%
STOUGHTON	146,695	141,002	-3.9%	5,240,340	5,226,978	-0.3%	5,387,035	5,367,980	(19,055)	-0.4%
WAKEFIELD	2,581,082	2,874,557	11.4%	6,585,727	6,577,299	-0.1%	9,166,809	9,451,856	285,047	3.1%
WELLESLEY	1,476,827	1,835,381	24.3%	5,933,569	5,955,781	0.4%	7,410,396	7,791,162	380,766	5.1%
WILMINGTON	732,142	599,456	-18.1%	2,987,771	2,953,524	-1.1%	3,719,913	3,552,980	(166,933)	-4.5%
WINCHESTER	1,732,283	1,835,487	6.0%	4,458,416	4,440,715	-0.4%	6,190,699	6,276,202	85,503	1.4%
WOBURN	4,119,106	4,199,480	2.0%	9,475,387	9,434,265	-0.4%	13,594,493	13,633,745	39,252	0.3%
TOTA		\$14,234,902	-0.7%	\$45,701,062	45,588,092	-0.2%	\$60,038,670	\$59,822,994	(\$215,676)	-0.4%
MWD 4 O	Final FY20	Final FY21 Water	Percent	Final FY20	Final FY21	Percent	Final FY20	Final FY21	Dollar Change	Percent
MWRA Sewer-only Customers	Water Assessment	Assessment	Change from FY20	Sewer Assessment	Sewer Assessment	Change from FY20	Combined Assessment	Combined Assessment	from FY20	Change from FY20
ASHLAND										
				Assessment	Assessment	FY20	Assessment	Assessment	from FY20	FY20
ASHLAND				Assessment 2,747,924	Assessment 2,675,100	FY20 -2.7%	Assessment \$2,747,924	<b>Assessment</b> \$2,675,100	from FY20 (\$72,824)	FY20 -2.7% -1.8% 1.5%
ASHLAND BEDFORD BRAINTREE BURLINGTON				2,747,924 3,630,690 9,896,915 5,815,487	2,675,100 3,563,964 10,046,123 5,969,600	-2.7% -1.8% 1.5% 2.7%	Assessment \$2,747,924 3,630,690 9,896,915 5,815,487	\$2,675,100 3,563,964 10,046,123 5,969,600	(\$72,824) (66,726) 149,208 154,113	-2.7% -1.8% 1.5% 2.7%
ASHLAND BEDFORD BRAINTREE BURLINGTON CAMBRIDGE				2,747,924 3,630,690 9,896,915 5,815,487 26,400,678	Assessment 2,675,100 3,563,964 10,046,123 5,969,600 26,630,300	-2.7% -1.8% 1.5% 2.7% 0.9%	Assessment \$2,747,924 3,630,690 9,896,915	Assessment \$2,675,100 3,563,964 10,046,123 5,969,600 26,630,300	(\$72,824) (66,726) 149,208 154,113 229,622	-2.7% -1.8% 1.5% 2.7% 0.9%
ASHLAND BEDFORD BRAINTREE BURLINGTON CAMBRIDGE DEDHAM				Assessment 2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551	Assessment 2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037	-2.7% -1.8% 1.5% 2.7% 0.9%	\$2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551	\$2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037	(\$72,824) (\$66,726) 149,208 154,113 229,622 16,486	FY20 -2.7% -1.8% 1.5% 2.7% 0.9% 0.3%
ASHLAND BEDFORD BRAINTREE BURLINGTON CAMBRIDGE				2,747,924 3,630,690 9,896,915 5,815,487 26,400,678	Assessment 2,675,100 3,563,964 10,046,123 5,969,600 26,630,300	-2.7% -1.8% 1.5% 2.7% 0.9%	\$2,747,924 3,630,690 9,896,915 5,815,487 26,400,678	Assessment \$2,675,100 3,563,964 10,046,123 5,969,600 26,630,300	(\$72,824) (66,726) 149,208 154,113 229,622	-2.7% -1.8% 1.5% 2.7% 0.9%
ASHLAND BEDFORD BRAINTREE BURLINGTON CAMBRIDGE DEDHAM HINGHAM SEWER DISTRICT HOLBROOK				Assessment 2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144	Assessment 2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238	FY20 -2.7% -1.8% 1.5% 2.7% 0.9% 0.3% 3.5% -2.2%	Assessment \$2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144	\$2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238	(\$72,824) (\$66,726) 149,208 154,113 229,622 16,486 67,967 (40,906)	-2.7% -1.8% -1.5% -2.7% -9% -3% -3.5% -2.2%
ASHLAND BEDFORD BRAINTREE BURLINGTON CAMBRIDGE DEDHAM HINGHAM SEWER DISTRICT HOLBROOK NATICK				Assessment 2,747,924 3,630,690 9,896,915 5,815,48 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147	Assessment 2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238 5,916,657	-2.7% -1.8% -1.5% -2.7% -0.9% -0.3% -3.5% -2.2% -2.1%	Assessment \$2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147	\$2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238 5,916,657	(\$72,824) (\$6,726) 149,208 154,113 229,622 16,486 67,967 (40,906) (127,490)	FY20 -2.7% -1.8% 1.5% 2.7% 0.9% 0.3% 3.5% -2.2% -2.1%
ASHLAND BEDFORD BRAINTREE BURLINGTON CAMBRIDGE DEDHAM HINGHAM SEWER DISTRICT HOLBROOK NATICK RANDOLPH				Assessment 2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 6,747,779	Assessment 2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238 5,916,657 6,743,289	FY20 -2.7% -1.8% -1.5% -2.79 0.9% 0.3% -2.2% -2.1% -0.1%	Assessment \$2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,251 1,857,144 6,044,147 6,747,779	\$2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238 5,916,657 6,743,289	(\$72,824) (\$67,726) 149,208 154,113 229,622 16,486 67,967 (40,906) (127,490) (4,490)	FY20 -2.7% -1.8% 1.5% 2.7% 0.9% 0.3% 3.5% -2.2% -2.1% -0.1%
ASHLAND BEDFORD BRAINTREE BURLINGTON CAMBRIDGE DEDHAM HINGHAM SEWER DISTRICT HOLBROOK NATICK RANDOLPH WALPOLE				Assessment 2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,744,147 6,747,779 4,096,111	Assessment 2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238 5,916,657 6,743,289 4,125,676	FY20 -2.7% -1.8% -1.5% -2.7% -0.9% -3.3% -3.5% -2.2% -2.1% -0.1% -0.7%	Assessment \$2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 6,747,779 4,096,111	\$2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238 5,916,657 6,743,289 4,125,676	(\$72,824) (\$6,726) 149,208 154,113 229,622 16,486 67,967 (40,906) (127,490) (4,490) 29,565	FY20 -2.7% -1.8% 1.5% 2.7% 0.9% 0.3% 3.5% -2.2% -2.1% -0.1% 0.7%
ASHLAND BEDFORD BRAINTREE BURLINGTON CAMBRIDGE DEDHAM HINGHAM SEWER DISTRICT HOLBROOK NATICK RANDOLPH WALPOLE WESTWOOD				Assessment 2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 4,096,111 3,161,944	Assessment 2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238 5,916,657 6,743,289 4,125,676 3,121,245	FY20 -2.7% -1.8% 1.5% 2.7% 0.9% 0.3% 3.5% -2.2% -2.1% 0.7% 1.3%	Assessment \$2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 6,747,779 4,096,111 3,161,944	\$2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238 5,916,657 6,743,289 4,125,676 3,121,245	(\$72,824) (\$6,726) 149,208 154,113 229,622 16,486 67,967 (40,906) (127,490) (4,490) 29,565 (40,699)	FY20 -2.7% -1.8% 1.5% 2.7% 0.9% 0.3% 3.5% -2.2% -2.1% 0.1% 0.7%
ASHLAND BEDFORD BRAINTREE BURLINGTON CAMBRIGGE DEDHAM HINGHAM SEWER DISTRICT HOLBROOK NATICK RANDOLPH WALPOLE WESTWOOD WEYMOUTH	Assessment			Assessment 2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 6,747,779 4,096,111 3,161,944 13,085,354	Assessment 2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238 5,916,657 6,743,289 4,125,676 3,121,245 13,242,974	FY20 -2.7% -1.8% -1.8% -1.5% -0.9% -0.3% -3.5% -2.2% -2.1% -0.1% -0.7% -1.3% -1.2%	Assessment \$2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 6,747,779 4,096,111 3,161,944 13,085,354	\$2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238 5,916,657 6,743,289 4,125,676 3,121,245 13,242,974	(\$72,824) (\$6,726) 149,208 154,113 229,622 16,486 67,967 (40,996) (127,490) (4,490) 29,565 (40,699)	FY20 -2.7% -1.8% -1.5% -2.7% -0.9% -0.3% -2.2% -2.1% -0.1% -0.7% -1.3% -1.2%
ASHLAND BEDFORD BRAINTREE BURLINGTON CAMBRIDGE DEDHAM HINGHAM SEWER DISTRICT HOLBROOK NATICK RANDOLPH WALPOLE WESTWOOD	Assessment	Assessment	FY20	Assessment 2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,747,779 4,096,111 3,161,944 13,085,354 \$91,281,976	Assessment 2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238 5,916,657 6,743,289 4,125,676 3,121,245 13,242,974 \$91,733,422	FY20 -2.7% -1.8% -1.8% -1.5% -2.7% -0.9% -0.3% -3.5% -2.2% -0.1% -0.1% -1.3% -1.2% -0.5%	Assessment \$2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 6,747,779 4,096,111 3,161,944 13,085,354 \$91,281,976	Assessment \$2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238 5,916,657 6,743,289 4,125,676 3,121,245 13,242,974 \$91,733,422	(\$72,824) (\$62,726) 149,208 154,113 229,622 16,486 67,967 (40,906) (127,490) (4,490) 29,565 (40,699) 157,620 \$451,446	FY20 -2.7% -1.8% 1.5% 2.7% 0.9% 0.3% 3.5% -2.2% -0.1% 0.7% -1.3% 1.2% 0.5%
ASHLAND BEDFORD BRAINTREE BURLINGTON CAMBRIDGE DEDHAM HINGHAM SEWER DISTRICT HOLBROOK NATICK RANDOLPH WALPOLE WESTWOOD WEYMOUTH TOTA  MWRA Water-only Customers	Assessment  LL  Final FY20  Water  Assessment	Assessment  Final FY21 Water Assessment	Percent Change from FY20	Assessment 2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 6,747,779 4,096,111 3,161,944 13,085,354	Assessment 2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238 5,916,657 6,743,289 4,125,676 3,121,245 13,242,974	FY20 -2.7% -1.8% -1.5% -2.7% -0.9% -0.3% -3.5% -2.2% -2.1% -0.1% -0.7% -1.3% -1.2%	Assessment \$2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 6,747,779 4,096,111 3,161,944 13,085,54 \$91,281,976 Final FY20 Combined Assessment	Assessment \$2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238 5,916,657 6,743,289 4,125,676 3,121,245 13,242,974 \$91,733,422 Final FY21 Combined Assessment	(\$72,824) (66,726) 149,208 154,113 229,622 16,486 67,967 (40,906) (127,490) 29,565 (40,699) 157,620 \$451,446  Dollar Change from FY20	FY20 -2.7% -1.8% 1.5% 2.7% 0.9% 0.3% 3.5% -2.2% -2.1% -0.1% 0.7% -1.3% 1.2% 0.5% Percent Change from FY20
ASHLAND BEDFORD BRAINTREE BURLINGTON CAMBRIDGE DEDHAM HINGHAM SEWER DISTRICT HOLBROOK NATICK RANDOLPH WALPOLE WESTWOOD WEYMOUTH TOTA  MWRA Water-only Customers LYNNFIELD WATER DISTRICT	Assessment  LL  Final FY20  Water Assessment  801,241	Final FY21 Water Assessment	Percent Change from FY20	Assessment 2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 6,747,779 4,096,111 3,161,944 13,085,354 \$91,281,976 Final FY20 Sewer	Assessment	FY20 -2.7% -1.8% -1.8% -2.7% -0.9% -0.3% -3.5% -2.2% -2.1% -0.1% -1.3% -1.2% -0.5%	Assessment \$2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 6,747,779 4,096,111 3,161,944 13,085,354 \$91,281,976 Final FY20 Combined Assessment \$801,241	Assessment \$2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238 5,916,657 6,743,289 4,125,676 3,121,245 13,242,974 \$91,733,422 Final FY21 Combined Assessment \$764,867	(\$72,824) (66,726) 149,208 154,113 229,622 16,486 67,967 (40,906) (127,490) (4,490) 29,565 (40,699) 157,620 \$451,446  Dollar Change from FY20 (\$36,374)	FY20 -2.7% -1.8% 1.5% 2.7% 0.9% 0.3% 3.5% -2.2% -0.1% 0.7% -1.3% 1.2% 0.5% Percent Change from FY20 -4.5%
ASHLAND BEDFORD BRAINTREE BURLINGTON CAMBRIDGE DEDHAM HINGHAM SEWER DISTRICT HOLBROOK NATICK RANDOLPH WALPOLE WESTWOOD WEYMOUTH TOTA MWRA Water-only Customers LYNNFIELD WATER DISTRICT MARBLEHEAD	Assessment  Final FY20 Water Assessment 801,241 2,576,446	Final FY21 Water Assessment 764,867 2,664,131	Percent Change from FY20 -4.5% 3.4%	Assessment 2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 6,747,779 4,096,111 3,161,944 13,085,354 \$91,281,976 Final FY20 Sewer	Assessment	FY20 -2.7% -1.8% -1.8% -2.7% -0.9% -0.3% -3.5% -2.2% -2.1% -0.1% -1.3% -1.2% -0.5%	Assessment \$2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 4,096,111 3,161,944 13,085,354 \$91,281,976 Final FY20 Combined Assessment \$801,241 2,576,446	\$2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238 5,916,657 6,743,289 4,125,676 3,121,245 13,242,974 \$91,733,422 Final FY21 Combined Assessment \$764,867 2,664,131	(\$72,824) (\$67,726) 149,208 154,113 229,622 16,486 67,967 (40,906) (127,490) 29,565 (40,699) 157,620 \$451,446  Dollar Change from FY20 (\$36,374) 87,685	FY20 -2.7% -1.8% 1.5% 2.7% 0.9% 0.3% 3.5% -2.2% -2.1% 0.7% -1.3% 1.2% 0.5% Percent Change from FY20
ASHLAND BEDFORD BRAINTREE BURLINGTON CAMBRIDGE DEDHAM HINGHAM SEWER DISTRICT HOLBROOK NATICK RANDOLPH WALPOLE WESTWOOD WEYMOUTH TOTA MWRA Water-only Customers LYNNFIELD WATER DISTRICT MARBLEHEAD NAHANT	Assessment  Final FY20 Water Assessment 801,241 2,576,446 457,313	Final FY21 Water Assessment 764,867 2,664,131 514,383	Percent Change from FY20 -4.5% 3.4% 12.5%	Assessment 2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 6,747,779 4,096,111 3,161,944 13,085,354 \$91,281,976 Final FY20 Sewer	Assessment	FY20 -2.7% -1.8% -1.8% -2.7% -0.9% -0.3% -3.5% -2.2% -2.1% -0.1% -1.3% -1.2% -0.5%	Assessment \$2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 6,747,779 4,096,111 3,161,944 13,085,354 \$91,281,976 Final FY20 Combined Assessment \$801,241 2,576,446 457,313	Assessment \$2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238 5,916,657 6,743,289 4,125,676 3,121,245 13,242,974 \$91,733,422 Final FY21 Combined Assessment \$764,867 2,664,131 514,383	(\$72,824) (\$67,726) 149,208 154,113 229,622 16,486 67,967 (40,996) (127,490) 29,565 (40,699) 157,620 \$451,446  Dollar Change from FY20 (\$36,374) 87,685 57,070	FY20 -2.7% -1.8% 1.5% 2.7% 0.9% 0.3% 3.5% -2.2% -2.1% 0.1% 0.7% -1.3% 1.2% 0.5% Percent Change from FY20 -4.5% 3.4% 12.5%
ASHLAND BEDFORD BRAINTREE BURLINGTON CAMBRIDGE DEDHAM HINGHAM SEWER DISTRICT HOLBROOK NATICK RANDOLPH WALPOLE WESTWOOD WEYMOUTH TOTA  MWRA Water-only Customers LYNNFIELD WATER DISTRICT MARBLEHEAD NAHANT SAUGUS	Assessment  L Final FY20 Water Assessment 801,241 2,576,446 457,313 4,221,536	Final FY21 Water Assessment 764,867 2,664,131 514,383 4,465,635	Percent Change from FY20 -4.5% 3.4% 5.8%	Assessment 2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 6,747,779 4,096,111 3,161,944 13,085,354 \$91,281,976 Final FY20 Sewer	Assessment	FY20 -2.7% -1.8% -1.8% -2.7% -0.9% -0.3% -3.5% -2.2% -2.1% -0.1% -1.3% -1.2% -0.5%	Assessment \$2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 6,747,779 4,096,111 3,161,944 13,085,354 \$91,281,976 Final FY20 Combined Assessment \$801,241 2,576,446 457,313 4,221,536	Assessment \$2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238 5,916,657 6,743,289 4,125,676 3,121,245 13,242,974 \$91,733,422 Final FY21 Combined Assessment \$764,867 2,664,131 514,383 4,465,635	(\$72,824) (66,726) 149,208 154,113 229,622 16,486 67,967 (40,906) (127,490) 29,565 (40,699) 157,620 \$451,446 Dollar Change from FY20 (\$36,374) 87,685 57,070	FY20 -2.7% -1.8% -1.5% -2.7% -0.9% -0.3% -3.5% -2.2% -2.1% -0.11% -0.7% -1.3% -1.2% -0.5% -2.2% -2.4.5% -2.5%
ASHLAND BEDFORD BEDFORD BRAINTREE BURLINGTON CAMBRIDGE DEDHAM HINGHAM SEWER DISTRICT HOLBROOK NATICK RANDOLPH WALPOLE WESTWOOD WEYMOUTH TOTA  MWRA Water-only Customers LYNNFIELD WATER DISTRICT MARBLEHEAD NAHANT SAUGUS SOUTHBOROUGH	Assessment  Final FY20 Water Assessment 801,241 2,576,446 457,313 4,221,536 927,672	Final FY21 Water Assessment 764,867 2,664,131 514,383 4,465,635 1,003,016	Percent Change from FY20 -4.5% 3.4% 5.8% 8.1%	Assessment 2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 6,747,779 4,096,111 3,161,944 13,085,354 \$91,281,976 Final FY20 Sewer	Assessment	FY20 -2.7% -1.8% -1.8% -2.7% -0.9% -0.3% -3.5% -2.2% -2.1% -0.1% -1.3% -1.2% -0.5%	Assessment \$2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 6,747,779 4,096,111 3,161,944 13,085,354 \$91,281,976 Final FY20 Combined Assessment \$801,241 2,576,446 457,313 4,221,536 927,672	Assessment \$2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238 5,916,657 6,743,289 4,125,676 3,121,245 13,242,974 \$91,733,422 Final FY21 Combined Assessment \$764,867 2,664,131 514,383 4,465,635	(\$72,824) (66,726) 149,208 154,113 229,622 16,486 67,967 (40,906) (127,490) 29,565 (40,699) 157,620 \$451,446  Dollar Change from FY20 (\$36,374) 87,685 57,070 244,099 75,344	FY20 -2.7% -1.8% 1.5% 2.7% 0.9% 0.3% 3.5% -2.2% -2.1% -0.1% 0.7% -1.3% 1.2% 0.5% Percent Change from FY20 -4.5% 3.4% 12.5% 5.8% 8.1%
ASHLAND BEDFORD BRAINTREE BURLINGTON CAMBRIDGE DEDHAM HINGHAM SEWER DISTRICT HOLBROOK NATICK RANDOLPH WALPOLE WESTWOOD WEYMOUTH TOTA  MWRA Water-only Customers LYNNFIELD WATER DISTRICT MARBLEHEAD NAHANT SAUGUS SOUTHBOROUGH SWAMPSCOTT	Assessment  Final FY20 Water Assessment 801,241 2,576,446 457,313 4,221,536 927,672 2,161,811	Final FY21 Water Assessment 764,867 2,664,131 514,383 4,465,635 1,003,016 2,342,440	Percent Change from FY20 -4.5% 3.4% 12.5% 5.8% 8.1% 8.4%	Assessment 2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 6,747,779 4,096,111 3,161,944 13,085,354 \$91,281,976 Final FY20 Sewer	Assessment	FY20 -2.7% -1.8% -1.8% -2.7% -0.9% -0.3% -3.5% -2.2% -2.1% -0.1% -1.3% -1.2% -0.5%	Assessment \$2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 6,747,779 4,096,111 3,161,944 13,085,354 \$91,281,976 Final FY20 Combined Assessment \$801,241 2,576,446 457,313 4,221,536 927,672 2,161,811	Assessment \$2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238 5,916,657 6,743,289 4,125,676 3,121,245 13,242,974 \$91,733,422 Final FY21 Combined Assessment \$764,867 2,664,131 514,333 4,465,635 1,003,016 2,342,440	(\$72,824) (\$67,726) 149,208 154,113 229,622 16,486 67,967 (40,906) (127,490) 29,565 (40,699) 157,620 \$451,446  Dollar Change from FY20 (\$36,374) 87,685 57,070 244,099 75,344	FY20 -2.7% -1.8% 1.5% 2.7% 0.9% -3.3% 3.5% -2.2% -0.1% 0.7% -1.3% 1.2% 0.5% Percent Change from FY20 -4.5% 3.4% 12.5% 5.8% 8.1% 8.4%
ASHLAND BEDFORD BRAINTREE BURLINGTON CAMBRIDGE DEDHAM HINGHAM SEWER DISTRICT HOLBROOK NATICK RANDOLPH WALPOLE WESTWOOD WEYMOUTH TOTA MWRA Water-only Customers LYNNFIELD WATER DISTRICT MARBLEHEAD NAHANT SAUGUS SOUTHBOROUGH SWAMPSCOTT WESTON	Assessment  Final FY20 Water Assessment 801,241 2,576,446 457,313 4,221,536 927,672 2,161,811 2,413,951	Final FY21 Water Assessment 764,867 2,664,131 514,383 4,465,635 1,003,016 2,342,440 2,395,031	Percent Change from FY20 -4.5% 12.5% 5.8% 8.1% 8.4% -0.8%	Assessment 2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 6,747,779 4,096,111 3,161,944 13,085,354 \$91,281,976 Final FY20 Sewer	Assessment	FY20 -2.7% -1.8% -1.8% -2.7% -0.9% -0.3% -3.5% -2.2% -2.1% -0.1% -1.3% -1.2% -0.5%	Assessment \$2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 6,747,779 4,096,111 3,161,944 13,085,354 \$91,281,976 Final FY20 Combined Assessment \$801,241 2,576,446 457,313 4,221,536 927,672 2,161,811 2,413,951	Assessment \$2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238 5,916,657 6,743,289 4,125,676 3,121,245 13,242,974 \$91,733,422 Final FY21 Combined Assessment \$764,867 2,664,131 514,383 4,465,635 1,003,016 2,342,440 2,395,031	(\$72,824) (\$67,726) 149,208 154,113 229,622 16,486 67,967 (40,906) (127,490) 29,565 (40,699) 157,620 \$451,446  Dollar Change from FY20 (\$36,374) 87,685 57,070 244,099 75,344 180,629 (18,920)	FY20 -2.7% -1.8% 1.5% 2.7% 0.9% 0.3% 3.5% -2.2% -2.1% -0.1% 0.7% -1.3% 1.2% 0.5% Percent Change from FY20 -4.5% 3.4% 12.5% 5.8% 8.1% 8.4%
ASHLAND BEDFORD BRAINTREE BURLINGTON CAMBRIDGE DEDHAM HINGHAM SEWER DISTRICT HOLBROOK NATICK RANDOLPH WALPOLE WESTWOOD WEYMOUTH TOTA  MWRA Water-only Customers LYNNFIELD WATER DISTRICT MARBLEHEAD NAHANT SAUGUS SOUTHBOROUGH SWAMPSCOTT	Assessment  Final FY20 Water Assessment  801,241 2,576,446 457,313 4,221,536 927,672 2,161,811 2,413,951 AL \$13,555,970  Final FY20 Water	Final FY21 Water Assessment  764,867 2,664,131 514,383 4,465,635 1,003,016 2,342,440 2,395,031 \$14,149,503  Final FY21 Water	Percent Change from FY20 -4.5% 3.4% 5.8% 6.1% -0.8% 4.3% Percent Change from	Assessment	Assessment	FY20 -2.7% -1.8% -1.8% -2.7% -0.9% -0.3% -2.2% -2.1% -0.1% -0.7% -1.3% -0.5%  Percent Change from FY20  Percent Change from	Assessment \$2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 6,747,779 4,096,111 3,161,944 13,085,354 \$91,281,976 Final FY20 Combined Assessment \$801,241 2,576,446 457,313 4,221,536 927,672 2,161,811 2,413,951 \$13,559,970 Final FY20 Combined	Assessment \$2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238 5,916,657 6,743,289 4,125,676 3,121,245 13,242,974 \$91,733,422 Final FY21 Combined Assessment \$764,867 2,664,131 514,383 4,465,635 1,003,016 2,342,440 2,395,031 \$14,149,503 Final FY21 Combined	(\$72,824) (\$67,726) 149,208 154,113 229,622 16,486 67,967 (40,906) (127,490) (4,490) 29,565 (40,699) 157,620 \$451,446  Dollar Change from FY20 (\$36,374) 87,685 57,070 244,099 75,344 180,629 (18,920) \$589,533	FY20 -2.7% -1.8% -1.5% -2.7% -0.9% -0.3% -3.5% -2.2% -2.1% -0.11% -0.7% -1.3% -1.2% -0.5% -2.2% -2.1% -1.3% -1.2% -1.3% -1.2% -1.3% -1.2% -4.5% -3.4% -1.5% -3.4% -1.5% -3.4% -1.5%
ASHLAND BEDFORD BRAINTREE BURLINGTON CAMBRIDGE DEDHAM HINGHAM SEWER DISTRICT HOLBROOK NATICK RANDOLPH WALPOLE WESTWOOD WEYMOUTH TOTA  MWRA Water-only Customers LYNNFIELD WATER DISTRICT MARBLEHEAD NAHANT SAUGUS SOUTHBOROUGH SWAMPSCOTT WESTON TOTA  MWRA Partial Water-only Customers	Assessment  Final FY20 Water Assessment  801,241 2,576,446 457,313 4,221,536 927,672 2,161,811 2,413,951 L\$13,559,970  Final FY20 Water Assessment	Final FY21 Water Assessment 764,867 2,664,131 514,383 4,465,635 1,000,016 2,342,440 2,395,031 \$14,149,503	Percent Change from FY20 -4.5% 12.5% 5.8% 6.1% -0.8% 4.3% Percent	Assessment 2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 6,747,779 4,096,111 3,161,944 13,085,354 \$91,281,976 Final FY20 Sewer Assessment	Assessment 2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238 4,125,676 3,121,245 13,242,974 \$91,733,422 Final FY21 Sewer Assessment	FY20 -2.7% -1.8% 1.5% 0.9% 0.3% 3.5% -2.2% 0.1% 0.7% -1.3% 1.2% 0.5% Percent Change from FY20  Percent	Assessment \$2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 6,747,779 4,096,111 3,161,944 13,085,354 \$91,281,976 Final FY20 Combined Assessment \$801,241 2,576,446 457,313 4,221,536 927,672 2,161,811 2,413,951 \$13,559,970 Final FY20	Assessment \$2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238 5,916,657 6,743,289 4,125,676 3,121,245 13,242,974 \$91,733,422 Final FY21 Combined Assessment \$764,867 2,664,131 514,383 4,465,635 1,003,016 2,342,440 2,395,031 \$14,149,503	from FY20  (\$72,824)  (66,726)  149,208  154,113  229,622  16,486  67,967  (40,996)  (47,490)  29,565  (40,699)  157,620  \$451,446  Dollar Change from FY20  (\$36,374)  87,685  57,070  244,099  75,344  180,629  (18,920) \$589,533	FY20 -2.7% -1.8% 1.5% 2.7% 0.9% 0.3% 3.5% -2.2% -0.1% 0.7% -1.3% 1.2% 0.5% Percent Change from FY20 -4.5% 3.4% 12.5% 8.1% 8.4% -0.8% 4.3% Percent
ASHLAND BEDFORD BRAINTREE BURLINGTON CAMBRIDGE DEDHAM HINGHAM SEWER DISTRICT HOLBROOK NATICK RANDOLPH WALPOLE WESTWOOD WEYMOUTH TOTA MWRA Water-only Customers LYNNFIELD WATER DISTRICT MARBLEHEAD NAHANT SAUGUS SOUTHBOROUGH SWAMPSCOTT WESTON	Assessment  Final FY20 Water Assessment  801,241 2,576,446 457,313 4,221,536 927,672 2,161,811 2,413,951 L\$13,559,970  Final FY20 Water Assessment	Final FY21 Water Assessment  764,867 2,664,131 514,383 4,465,635 1,003,016 2,342,440 2,395,031 \$14,149,503  Final FY21 Water	Percent Change from FY20 -4.5% 3.4% 5.8% 6.1% -0.8% 4.3% Percent Change from	Assessment	Assessment	FY20 -2.7% -1.8% -1.8% -2.7% -0.9% -0.3% -2.2% -2.1% -0.1% -0.7% -1.3% -0.5%  Percent Change from FY20  Percent Change from	Assessment \$2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 6,747,779 4,096,111 3,161,944 13,085,354 \$91,281,976 Final FY20 Combined Assessment \$801,241 2,576,446 457,313 4,221,536 927,672 2,161,811 2,413,951 \$13,559,970 Final FY20 Combined	Assessment \$2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238 5,916,657 6,743,289 4,125,676 3,121,245 13,242,974 \$91,733,422 Final FY21 Combined Assessment \$764,867 2,664,131 514,383 4,465,635 1,003,016 2,342,440 2,395,031 \$14,149,503 Final FY21 Combined	(\$72,824) (\$67,726) 149,208 154,113 229,622 16,486 67,967 (40,906) (127,490) (4,490) 29,565 (40,699) 157,620 \$451,446  Dollar Change from FY20 (\$36,374) 87,685 57,070 244,099 75,344 180,629 (18,920) \$589,533	FY20 -2.7% -1.8% -1.5% -2.7% -0.9% -0.3% -3.5% -2.2% -2.1% -0.11% -0.7% -1.3% -1.2% -0.5% -2.2% -2.1% -1.3% -1.2% -1.3% -1.2% -1.3% -1.2% -4.5% -3.4% -1.5% -3.4% -1.5% -3.4% -1.5%
ASHLAND BEDFORD BRAINTREE BURLINGTON CAMBRIDGE DEDHAM HINGHAM SEWER DISTRICT HOLBROOK NATICK RANDOLPH WALPOLE WESTWOOD WEYMOUTH TOTA MWRA Water-only Customers LYNNFIELD WATER DISTRICT MARBLEHEAD NAHANT SAUGUS SOUTHBOROUGH SWAMPSCOTT WESTON TOTA MWRA Partial Water-only Customers DEDHAM-WESTWOOD WATER DISTRICT	Assessment  Final FY20 Water Assessment 801,241 2,576,446 457,313 4,221,536 927,672 2,161,811 2,413,951 \$13,559,970 Final FY20 Water Assessment CT 181,946.00 392,593	Final FY21 Water Assessment  764,867  2,664,131  514,383  4,465,635  1,003,016  2,342,440  2,395,031 \$14,149,503  Final FY21 Water Assessment  1,037,861.00  396,099	Percent Change from FY20 -4.5% 3.4% 12.5% 8.1% 8.1% -0.8% 4.3% Percent Change from FY20 470.4%	Assessment	Assessment	FY20 -2.7% -1.8% -1.8% -2.7% -0.9% -0.3% -2.2% -2.1% -0.1% -0.7% -1.3% -0.5%  Percent Change from FY20  Percent Change from	Assessment \$2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 6,747,779 4,096,111 3,161,944 13,085,354 \$91,281,976 Final FY20 Combined Assessment \$801,241 2,576,446 457,313 4,221,536 927,672 2,161,811 2,413,951 \$13,559,970 Final FY20 Combined Assessment \$181,946 392,593	Assessment \$2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238 5,916,657 6,743,289 4,125,676 3,121,245 13,242,974 \$91,733,422 Final FY21 Combined Assessment \$764,867 2,664,131 514,333 4,465,635 1,003,016 2,342,440 2,395,031 \$14,149,503 Final FY21 Combined Assessment \$1,037,861 396,099	(\$72,824) (66,726) 149,208 154,113 229,622 16,486 67,967 (40,906) (127,490) 29,565 (40,699) 157,620 \$451,446  Dollar Change from FY20 (\$36,374) 87,685 57,070 244,099 75,344 180,629 (18,920) \$589,533  Dollar Change from FY20	FY20 -2.7% -1.8% -1.5% -2.7% -0.9% -3.3% -3.5% -2.2% -0.1% -0.1% -0.5% -1.3% -1.3% -1.2% -0.5% -3.4% -1.2.5% -3.4% -0.8% -3.4% -0.8% -3.4% -0.8% -3.4% -0.8% -0.8% -0.8% -0.8% -0.8% -0.8% -0.8% -0.9% -0.9% -0.9% -0.9% -0.9%
ASHLAND BEDFORD BRAINTREE BURLINGTON CAMBRIDGE DEDHAM HINGHAM SEWER DISTRICT HOLBROOK NATICK RANDOLPH WALPOLE WESTWOOD WEYMOUTH TOTA MWRA Water-only Customers LYNNFIELD WATER DISTRICT MARBLEHEAD NAHANT SAUGUS SOUTHBOROUGH SWAMPSCOTT WESTON TOTA MWRA Partial Water-only Customers DEDHAM-WESTWOOD WATER DISTRICT LYNN (LWSC) MARLBOROUGH	Assessment  Final FY20 Water Assessment 801,241 2,576,446 457,313 4,221,536 927,672 2,161,811 2,413,951 LL \$13,559,970 Final FY20 Water Assessment CT 181,946.00 392,593 5,875,229	Final FY21 Water Assessment  764,867 2,664,131 514,383 4,465,635 1,003,016 2,342,440 2,395,031 \$14,149,503  Final FY21 Water Assessment 1,037,861,00 396,099 6,194,747	Percent Change from FY20 -4.5% 12.5% 5.8% 8.1% -0.8% 4.3% Percent Change from FY20 470.4% 0.9% 5.4%	Assessment	Assessment	FY20 -2.7% -1.8% -1.8% -2.7% -0.9% -0.3% -2.2% -2.1% -0.1% -0.7% -1.3% -0.5%  Percent Change from FY20  Percent Change from	Assessment \$2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 6,747,779 4,096,111 3,161,944 13,085,354 \$91,281,976 Final FY20 Combined Assessment \$801,241 2,576,446 457,313 4,221,536 927,672 2,161,811 2,413,951 \$13,559,970 Final FY20 Combined Assessment \$1,241,3951 \$13,559,970	Assessment \$2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238 5,916,657 6,743,289 4,125,676 3,121,245 13,242,974 \$91,733,422 Final FY21 Combined Assessment \$764,867 2,664,131 514,383 4,465,635 1,003,016 2,342,440 2,395,031 \$14,149,503 Final FY21 Combined Assessment \$764,867 2,664,131 514,383 4,465,635 1,003,016 2,342,440 2,395,031 \$14,149,503 Final FY21 Combined Assessment \$1,003,016 2,342,440 2,395,031 \$14,149,503	from FY20  (\$72,824)  (66,726)  149,208  154,113  229,622  16,486  67,967  (40,906)  (127,490)  29,565  (40,699)  157,620  \$451,446  Dollar Change from FY20  (\$36,374)  87,685  57,070  244,099  75,344  180,629  (18,920)  \$589,533  Dollar Change from FY20  \$855,915  3,506  319,518	FY20 -2.7% -1.8% 1.5% 2.7% 0.9% 3.5% -2.2% -0.1% 0.7% -1.3% 1.2% 0.5% Percent Change from FY20 -4.5% 8.1% 8.4% -0.8% 4.3% Percent Change from FY20 4.5% -1.4% -1.4% -1.5% -1.4% -1.5
ASHLAND BEDFORD BRAINTREE BURLINGTON CAMBRIDGE DEDHAM HINGHAM SEWER DISTRICT HOLBROOK NATICK RANDOLPH WALPOLE WESTWOOD WEYMOUTH TOTA  MWRA Water-only Customers LYNNFIELD WATER DISTRICT MARBLEHEAD NAHANT SAUGUS SOUTHBOROUGH SWAMPSCOTT WESTON TOTA  MWRA Partial Water-only Customers  DEDHAM-WESTWOOD WATER DISTRICT LYNN (LWSC) MARBOROUGH NORTHBOROUGH	Assessment  Final FY20 Water Assessment  801,241 2,576,446 457,313 4,221,536 927,672 2,161,811 2,413,951 AL \$13,559,970 Final FY20 Water Assessment CT 181,946.00 392,593 5,875,229 1,312,711	Final FY21 Water Assessment  764,867 2,664,131 514,383 4,465,635 1,003,016 2,342,440 2,395,031 \$14,149,503  Final FY21 Water Assessment 1,037,861.00 396,099 6,194,747 1,422,346	Percent Change from FY20 -4.5% 3.4% 12.5% 6.8% 6.1% 4.3% Percent Change from FY20 470.4% 0.9% 5.4% 8.4%	Assessment	Assessment	FY20 -2.7% -1.8% -1.8% -2.7% -0.9% -0.3% -2.2% -2.1% -0.1% -0.7% -1.3% -0.5%  Percent Change from FY20  Percent Change from	Assessment \$2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 6,747,779 4,096,111 3,161,944 13,085,354 \$91,281,976 Final FY20 Combined Assessment \$801,241 2,576,446 457,313 4,221,536 927,672 2,161,811 2,413,951 \$13,559,970 Final FY20 Combined Assessment \$181,951 \$13,559,970 Final FY20 Combined Assessment \$181,951 \$13,559,970 Final FY20 Combined Assessment \$181,951 \$13,559,970 Final FY20 Combined Assessment \$181,946 392,593 5,875,229 1,312,711	Assessment \$2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238 5,916,657 6,743,289 4,125,676 3,121,245 13,242,974 \$91,733,422 Final FY21 Combined Assessment \$764,867 2,664,131 514,383 4,465,635 1,003,016 2,342,440 2,395,031 \$14,149,503 Final FY21 Combined Assessment \$1,037,861 2,342,440 2,395,031 \$14,149,503 Final FY21 Combined Assessment \$1,037,861	from FY20  (\$72,824)  (66,726)  149,208  154,113  229,622  16,486  67,967  (40,906)  (127,490)  29,565  (40,699)  157,620  \$451,446  Dollar Change from FY20  (\$36,374)  87,685  57,070  244,099  75,344  180,629  (18,920)  \$589,533  Dollar Change from FY20  \$451,466  319,518	FY20 -2.7% -1.8% -1.5% -2.7% -0.9% -0.3% -3.5% -2.2% -2.1% -0.1% -0.7% -1.3% -1.2% -0.5% -2.8% -2.1% -2.1% -2.1% -2.1% -2.1% -2.1% -2.1% -2.2% -2.1% -2.1% -2.2% -2.1% -2.1% -2.2% -2.1% -2.2% -2.1% -2.2% -2.1% -2.2% -2.1% -2.2% -2.1% -2.2% -2.1% -2.2% -2.1% -2.2% -2.1% -2.2% -2.1% -2.2% -2.2% -2.1% -2.2% -2.1% -2.2% -2.2% -2.1% -2.2% -2.1% -2.2% -2.2% -2.1% -2.2% -2.2% -2.1% -2.2% -2.2% -2.1% -2.2% -2.2% -2.1% -2.2% -2.2% -2.1% -2.2% -2.2% -2.1% -2.2% -2.2% -2.1% -2.2% -2.2% -2.2% -2.2% -2.2% -2.2% -2.2% -2.1% -2.2% -
ASHLAND BEDFORD BRAINTREE BURLINGTON CAMBRIDGE DEDHAM HINGHAM SEWER DISTRICT HOLBROOK NATICK RANDOLPH WALPOLE WESTWOOD WEYMOUTH TOTA  MWRA Water-only Customers LYNNFIELD WATER DISTRICT MARBLEHEAD NAHART SAUGUS SOUTHBOROUGH SWAMPSCOTT WESTON TOTA  MWRA Partial Water-only Customers DEDHAM-WESTWOOD WATER DISTRICT MARBLET MARBLET SAUGUS SOUTHBOROUGH SWAMPSCOTT WESTON TOTA  MWRA Partial Water-only Customers DEDHAM-WESTWOOD WATER DISTRICT LYNN (LWSC) MARLBOROUGH NORTHBOROUGH PEABODY	Assessment  Final FY20 Water Assessment  801,241 2,576,446 457,313 4,221,536 927,672 2,161,811 2,4113,951 AL \$13,559,970 Final FY20 Water Assessment CT 181,946,00 392,593 5,875,229 1,312,711 4,360,830	Final FY21 Water Assessment  764,867 2,664,131 514,383 4,465,635 1,003,016 2,392,031 \$14,149,503  Final FY21 Water Assessment 1,037,861.00 396,099 6,194,747 1,422,346 1,310,040	Percent Change from FY20 -4.5% 5.8% 6.1% -0.8% 4.3% Percent Change from FY20 470.4% 0.9% 5.4% 8.4%	Assessment	Assessment	FY20 -2.7% -1.8% -1.8% -2.7% -0.9% -0.3% -2.2% -2.1% -0.1% -0.7% -1.3% -0.5%  Percent Change from FY20  Percent Change from	Assessment \$2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 6,747,779 4,096,111 3,161,944 13,085,354 \$91,281,976 Final FY20 Combined Assessment \$801,241 2,576,446 457,313 4,221,536 927,672 2,161,811 2,413,951 \$13,559,970 Final FY20 Combined Assessment \$811,946 392,593 5,875,229 1,312,711 4,360,830	Assessment \$2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238 5,916,657 6,743,289 4,125,676 3,121,245 13,242,974 \$91,733,422 Final FY21 Combined Assessment \$764,867 2,664,131 514,383 4,465,635 1,003,016 2,342,440 2,395,031 \$14,149,503 Final FY21 Combined Assessment \$1,037,861 396,099 6,194,747 1,422,346 1,310,040	from FY20  (\$72,824)  (66,726)  149,208  154,113  229,622  16,486  67,967  (40,996)  (47,490)  29,565  (40,699)  157,620  \$451,446  Dollar Change from FY20  (\$36,374)  87,685  57,070  244,099  75,344  180,629  (18,920)  \$589,533  Dollar Change from FY20  \$855,915  3,506  319,518  109,635  (3,050,790)	FY20 -2.7% -1.8% -1.5% -2.7% -0.9% -3.5% -2.2% -2.1% -0.11% -0.7% -1.3% -1.2% -0.5%  Percent Change from FY20 -4.5% -3.4% -0.8% -4.3% -4.3% -70.0%
ASHLAND BEDFORD BRAINTREE BURLINGTON CAMBRIDGE DEDHAM HINGHAM SEWER DISTRICT HOLBROOK NATICK RANDOLPH WALPOLE WESTWOOD WEYMOUTH TOTA  MWRA Water-only Customers LYNNFIELD WATER DISTRICT MARBLEHEAD NAHANT SAUGUS SOUTHBOROUGH SWAMPSCOTT WESTON TOTA  MWRA Partial Water-only Customers  DEDHAM-WESTWOOD WATER DISTRICT LYNN (LWSC) MARBOROUGH NORTHBOROUGH	Assessment  Final FY20 Water Assessment  801,241 2,576,446 457,313 4,221,536 927,672 2,161,811 2,4113,951 AL \$13,559,970 Final FY20 Water Assessment CT 181,946,00 392,593 5,875,229 1,312,711 4,360,830	Final FY21 Water Assessment  764,867 2,664,131 514,383 4,465,635 1,003,016 2,342,440 2,395,031 \$14,149,503  Final FY21 Water Assessment 1,037,861.00 396,099 6,194,747 1,422,346	Percent Change from FY20 -4.5% 3.4% 12.5% 6.8% 6.1% 4.3% Percent Change from FY20 470.4% 0.9% 5.4% 8.4%	Assessment	Assessment	FY20 -2.7% -1.8% -1.8% -2.7% -0.9% -0.3% -2.2% -2.1% -0.1% -0.7% -1.3% -0.5%  Percent Change from FY20  Percent Change from	Assessment \$2,747,924 3,630,690 9,896,915 5,815,487 26,400,678 5,860,551 1,937,252 1,857,144 6,044,147 6,747,779 4,096,111 3,161,944 13,085,354 \$91,281,976 Final FY20 Combined Assessment \$801,241 2,576,446 457,313 4,221,536 927,672 2,161,811 2,413,951 \$13,559,970 Final FY20 Combined Assessment \$181,951 \$13,559,970 Final FY20 Combined Assessment \$181,951 \$13,559,970 Final FY20 Combined Assessment \$181,951 \$13,559,970 Final FY20 Combined Assessment \$181,946 392,593 5,875,229 1,312,711	Assessment \$2,675,100 3,563,964 10,046,123 5,969,600 26,630,300 5,877,037 2,005,219 1,816,238 5,916,657 6,743,289 4,125,676 3,121,245 13,242,974 \$91,733,422 Final FY21 Combined Assessment \$764,867 2,664,131 514,383 4,465,635 1,003,016 2,342,440 2,395,031 \$14,149,503 Final FY21 Combined Assessment \$1,037,861 2,342,440 2,395,031 \$14,149,503 Final FY21 Combined Assessment \$1,037,861	from FY20  (\$72,824)  (66,726)  149,208  154,113  229,622  16,486  67,967  (40,906)  (127,490)  29,565  (40,699)  157,620  \$451,446  Dollar Change from FY20  (\$36,374)  87,685  57,070  244,099  75,344  180,629  (18,920)  \$589,533  Dollar Change from FY20  \$451,466  319,518	FY20 -2.7% -1.8% -1.5% -2.7% -0.9% -0.3% -3.5% -2.2% -2.1% -0.1% -0.7% -1.3% -1.2% -0.5% -2.8% -2.1% -2.1% -2.1% -2.1% -2.1% -2.1% -2.1% -2.2% -2.1% -2.1% -2.2% -2.1% -2.1% -2.2% -2.1% -2.2% -2.1% -2.2% -2.1% -2.2% -2.1% -2.2% -2.1% -2.2% -2.1% -2.2% -2.1% -2.2% -2.1% -2.2% -2.1% -2.2% -2.2% -2.1% -2.2% -2.1% -2.2% -2.2% -2.1% -2.2% -2.1% -2.2% -2.2% -2.1% -2.2% -2.2% -2.1% -2.2% -2.2% -2.1% -2.2% -2.2% -2.1% -2.2% -2.2% -2.1% -2.2% -2.2% -2.1% -2.2% -2.2% -2.1% -2.2% -2.2% -2.2% -2.2% -2.2% -2.2% -2.2% -2.1% -2.2% -

BUDGETED EXPENSES: Draft Final FY21	
Clinton Direct Operating Expenses:	\$2,714,083
MWRA Support Allocation:	648,211
Subtotal O&M Expenses:	\$3,362,294
Total Debt Service Expenses:	\$1,315,448
Total Clinton Service Area Expenses	\$4,677,742
Less Revenue (City of Worcester Payment)	-214,711
Clinton WWTP Rate Revenue Requirement:	\$4,463,032

WASTEWATER FLOW and FLOW	CY20	019	
			Total
Town of Clinton Flow		Sewer District	Wastewater
		Flow	Flow
Average Daily Flow (MGD)	2.339	0.243	2.583
Average Flow (MG/YR)	853.904	88.869	942.773
Proportional Share of Flow	90.57%	9.43%	100.0%

	Sewer User Charge Deter	mination	
TOWN OF CLINTON		LANCASTER SEWER DISTRICT	
O&M Expenses	\$3,362,294	O&M Expenses	\$3,362,294
Less Revenue (City of Worcester Payment)	-214,711	Less Revenue (City of Worcester Payment)	-214,711
O&M Expenses to be Recovered	\$3,147,584	O&M Expenses to be Recovered	\$3,147,584
Clinton's Share of Flow	90.57%	Lancaster's Share of Flow	9.43%
Clinton's Share of O&M Costs	\$2,850,881	Lancaster's Share of O&M Costs	\$296,702
Total Clinton O&M Charge	\$2,850,881	Total Lancaster Sewer District O&M Charge	\$296,702
Debt Service Costs to be Recovered	\$1,315,448	Debt Service Costs to be Recovered	\$1,315,448
Clinton's Share of Wastewater Flow	90.57%	Lancaster's Share of Wastewater Flow	9.43%
Total Clinton Debt Service Charge	\$1,191,449	Total Lancaster Sewer District Debt Service Charge	\$123,999
Total Clinton O&M and Debt Service Charge	\$4,042,330	Total Lancaster O&M and Debt Service Charge	\$420,701
Less MWRA Water Ratepayer Subsidy	-\$3,542,330		
Billable Charge to the Town of Clinton	\$500,000	Billable Charge to Lancaster Sewer District	\$420,701
as per CH. 307, Section 8 The Acts of 1987			

Clinton WWTP Charges and Payment Schedule

Sewer Customer	Billable Charges	Change from Prior	r Year
Town of Clinton (billable)	\$500,000	\$0	0.0%
Lancaster Sewer District (before adj.)	\$420,701		
Lancaster Sewer District (prior yr. adj.)	\$13,070		
Lancaster Sewer District (billable)	\$433,771	\$58,004	15.4%
Total Billable Sewer Use Charges	\$933,771		
City of Worcester	\$214,711	\$208,773	2.8%

	Payment 1	Payment 2	Payment 3	Payment 4
	on or before	on or before	on or before	on or before
	Sept 15, 2020	Nov 15, 2020	Feb 15, 2021	May 15, 2021
	\$125,000	\$125,000	\$125,000	\$125,000
	\$108,443	\$108,443	\$108,443	\$108,443
۰				
	\$233,443	\$233,443	\$233,443	\$233,443
	•		•	
	\$0	\$0	\$214,711	\$0

# **Massachusetts Water Resources Authority**

Chicopee Valley Aqueduct Water System Assessment

FY2021 Budget and Assessments

CVA Operating Budget	FY20	FY21
CVA Cost Center Expenses	\$935,590	\$965,147
Allocated Waterworks Expenses	149,935	152,731
Allocated Watershed/PILOT	495,188	482,312
Allocated Watershed Land Acquisition	27,935	29,675
Allocated MWRA Indirect Expenses	629,553	650,516
SUBTOTAL OPERATING BUDGET	\$2,238,201	\$2,280,381

Change from Prior Year			
Dollars	Percent		
\$29,556	3.2%		
2,796	1.9%		
-12,876	-2.6%		
1,740	6.2%		
20,963	3.3%		
\$42,180	1.9%		

CVA Capital Budget	FY20	FY21
Capital Expenses	\$3,064,467	\$3,099,516
TOTAL CVA BUDGET	\$5,302,668	\$5,379,897

Change from Prior Year				
Dollars Percent				
\$35,050	1.1%			
•				
\$77,230	1.5%			

BASE COMMUNITY ASSESSMENT	FY20 <sup>1</sup>	FY21 <sup>2</sup>
Chicopee	\$3,728,618	\$3,776,791
South Hadley Fire District #1	748,587	780,962
Wilbraham	825,463	822,145
CVA BASE SYSTEM ASSESSMENT	\$5,302,668	\$5,379,897

Change from Prior Year		
Dollars	Percent	
\$48,173	1.3%	
32,374	4.3%	
-3,318	-0.4%	
\$77,230	1.5%	

PRIOR PERIOD ADJUSTMENTS	FY20 <sup>3</sup>	FY21 <sup>3</sup>
Chicopee	-\$123,896	-\$69,385
South Hadley Fire District #1	-25,004	-14,354
Wilbraham	-7,657	-13,802
TOTAL ADJUSTMENTS	-\$156,557	-\$97,540

Change from Prior Year		
Dollars	Percent	
\$54,512	-44.0%	
10,650	-42.6%	
-6,145	80.3%	
\$59,016	-37.7%	

ADJUSTED ASSESSMENT	FY20	FY21
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 Prior Year		
Dollars	Percent	
\$102,685	2.8%	
43,024	5.9%	
-9,463	-1.2%	
\$136,246	2.65%	

<sup>&</sup>lt;sup>1</sup> Based on CY2018 water use and before prior period adjustments.

<sup>&</sup>lt;sup>2</sup> Based on CY2019 water use and before prior period adjustments.

<sup>&</sup>lt;sup>3</sup> Prior period adjustment to account for budget to actual expenses.