

# TOWN OF WELLESLEY

Wellesley, Massachusetts, 02481

## COMMISSIONERS

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## DIRECTOR

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## BOARD OF PUBLIC WORKS

December 15, 2021

To: Advisory Committee

From: David A. Cohen, Director

A handwritten signature in blue ink that reads "David A. Cohen".

Re: **Board of Public Works – FY2023 Water and Sewer Enterprise Fund Budgets**

Attached, please find a copy of the Department of Public Works FY2023 Water and Sewer Enterprise Fund budgets, which were approved by the Board of Public Works on December 14<sup>th</sup>. The total Water Enterprise funding authorization request is \$16,419,117 (see page 12) and the total Sewer Enterprise funding authorization request is \$9,800,294 (see page 45). The combined total Water and Sewer Enterprise Fund request is \$26,219,411 and includes a net increase of \$7,001,119 or 36.4% over FY22. The dramatic increase is due to PFAS contamination at the Morses Pond Water Treatment Plant and the subsequent additional MWRA water that was needed to meet demands.

The Water and Sewer Divisions provide clean drinking water at the necessary water pressure, and sanitary sewer services to Town residents and commercial establishments at all hours of the day and night throughout the year. Both the Water and Sewer budgets are funded from customers based on metered usage; no tax impact funds are used to support these budgets. Water and Sewer Rates are reviewed periodically by the Board of Public Works and adjusted as necessary. Based on these budgets we are projecting a 4% sewer increase and an 80% water increase for FY23.

The Water and Sewer Divisions currently have a combined staff of 27 permanent employees, all of whom are cross-trained and handle the operations, construction, maintenance and emergency needs of both Divisions. Accounting and administrative support is provided by the DPW Management Services Division, Engineering services are provided by the Engineering Division, and security and 24/7 emergency calls services are handled by Highway Division staff.

**Personal Services increase of \$88,771 (3.25%):**

- The Personal Services increase is a net of general increases of 2.5% for Management Pay Plan, 2.75% for Group 40, 2.0% for Production Unit, and 1.75% for Supervisory Unit employees.
- The Personal Services change also includes the net effect of position changes, salary adjustments and staff hired at lower or higher amounts than originally budgeted.

**MWRA Expense Budget increase of \$1,412,542 (16.7%):**

- MWRA Water charge estimated increase of \$1,106,220 (47.9%). The substantial increase in the MWRA water charges are a result of preliminary estimated annual cost increases from the MWRA and the need to utilize more MWRA water while the Morses Pond Wells are offline due to PFAS remediation. These amounts will be revised as more information becomes available. Water charges from the MWRA are based on the previous calendar water usage, in this case CY21. We typically receive revised estimates in February and then again in May.
- MWRA Sewer charge estimate increase of \$306,322 (5.0%). MWRA Sewer charges are based on a formula that considers the total flow from three prior calendar years, peak flows, and population among other factors.

**All Other Operating Expense Budget decrease of (\$159,245) (-5.7%):**

- Contributory retirement decrease of \$109,000.
- Chemical and fertilizer decreases of approximately \$30,000.
- Decrease of \$20,245 for all other expense budget changes.

**Non-Operating Expense increase of \$100,982 (4.6%):**

- Interest expense decrease of (\$17,500).
- Depreciation expense increase of \$63,282.
- Non-operating expense increase of \$55,200.

**Capital Budget (including deb principal) increase of \$5,558,069 (184.8%):**

The FY23 Capital Plan for Water includes \$5,300,000 to address PFAS treatment at the Morses Pond Water Treatment Plant and \$150,000 for an MWRA Connection Feasibility Study to assess the potential for a second connection to the MWRA, which would provide additional water and could provide additional supply to neighboring communities.

The capital plan includes ongoing funding for improvements to our Distribution System and Sewer Rehabilitation programs, which are eligible for MWRA's grant and loan funds. The capital budget also includes a request to replace three vehicles, two of which we intend to replace with a hybrid or electric vehicle.

Other planned projects include the replacement of the Oakland Street water main from Brookside Road to Sheridan Road and the cleaning and lining of Jackson Road and Oakland Street from Sheridan Road to Hunnewell Street. Some of the costs associated with these projects will be offset by MWRA grants and no-interest loans.

**Water and Sewer Rates:**

Based on these budgets and the preliminary MWRA estimates we are projecting an 80% water rate increase and a 4% sewer rate increase for FY23 and as we receive updates from the MWRA and we get further clarity on our path forward in dealing with PFAS we will adjust these projections accordingly.

Attachment: FY2023 Water and Sewer Enterprise Fund Budgets, Version 2.0



Town of *Wellesley*  
FY2023 Budget Request

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**Department of Public Works  
Water & Sewer Enterprise Fund Budget Request  
Version 2**

*Approved by the Board of Public Works  
December 14, 2021*

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## DPW STRATEGIC PLAN HIGHLIGHTS

### ◆ MISSION STATEMENT

*The Department of Public Works provides exemplary and responsive public works services for the well-being of the community.*

### ◆ MAJOR GOALS

Five major goals are derived from the themes in the mission statement. Each major goal has one or more objective and strategy. The goals and objectives are discussed in a general way throughout the program, sub program and function narratives of the tax impact budget. The five major goals are:

- To Provide Essential Services
- To Provide Emergency Services
- To Provide Maintenance Services
- To Provide Information and Planning Support
- To Protect, Maintain and Improve the Town's Assets and Infrastructure

and to do all of the above at the highest standards in a safe and cost effective manner.

### ◆ VISION STATEMENT

*To be recognized by the community for outstanding services to the Town which are achieved through careful planning and implementation, continuous improvements and by developing teamwork through good support and training.*

### ◆ VALUE STATEMENT

Our value statement indicates the qualities and characteristics the Department holds in esteem as it goes about its work: We value the supportive environment that allows our productive spirit and professional capabilities to serve the Wellesley community.

**FY2023 WATER AND SEWER OPERATING BUDGET SUMMARY**  
**TOWN OF WELLESLEY DEPARTMENT OF PUBLIC WORKS**

<b>COMBINED WATER &amp; SEWER BUDGET SUMMARY</b>	<b>FY2020</b>	<b>FY2021</b>	<b>FY2022</b>	<b>FY2023</b>	<b>Increase/Decrease</b>
	<b>Actual</b>	<b>Actual</b>	<b>Request</b>	<b>Request</b>	
Personal Services	\$ 2,443,943	\$ 2,702,217	\$ 2,807,510	\$ 2,896,281	\$ 88,771 3.2%
MWRA Expenses	\$ 7,400,322	\$ 7,838,081	\$ 8,438,213	\$ 9,850,755	\$ 1,412,542 16.7%
All Other Operating Expenses	\$ 2,330,878	\$ 2,685,052	\$ 2,777,815	\$ 2,618,570	\$ (159,245) -5.7%
<b>Personal Services and Expenses Subtotal</b>	<b>\$ 12,175,143</b>	<b>\$ 13,225,350</b>	<b>\$ 14,023,538</b>	<b>\$ 15,365,606</b>	<b>\$ 1,342,068 9.6%</b>
Interest Expenses	\$ 168,672	\$ 154,022	\$ 131,322	\$ 113,822	\$ (17,500) -13.3%
Non-Operating Expenses	\$ 536,070	\$ 533,542	\$ 544,800	\$ 600,000	\$ 55,200 10.1%
Depreciation	\$ 1,451,796	\$ 1,505,184	\$ 1,511,718	\$ 1,575,000	\$ 63,282 4.2%
<b>Non-Operating Subtotal</b>	<b>\$ 2,156,538</b>	<b>\$ 2,192,748</b>	<b>\$ 2,187,840</b>	<b>\$ 2,288,822</b>	<b>\$ 100,982 4.6%</b>
<b>Total Operating &amp; Non-Operating Expenses</b>	<b>\$ 14,331,681</b>	<b>\$ 15,418,098</b>	<b>\$ 16,211,378</b>	<b>\$ 17,654,428</b>	<b>\$ 1,443,050 8.9%</b>
<b>Total Water &amp; Sewer Capital Budget</b>	<b>\$ 3,060,468</b>	<b>\$ 3,004,730</b>	<b>\$ 3,006,914</b>	<b>\$ 8,564,983</b>	<b>\$ 5,558,069 184.8%</b>
<b>Total Water &amp; Sewer Budget</b>	<b>\$ 17,392,149</b>	<b>\$ 18,422,828</b>	<b>\$ 19,218,292</b>	<b>\$ 26,219,411</b>	<b>\$ 7,001,119 36.4%</b>
<b>WATER BUDGET SUMMARY</b>	<b>FY2020</b>	<b>FY2021</b>	<b>FY2022</b>	<b>FY2023</b>	<b>Increase/Decrease</b>
	<b>Actual</b>	<b>Actual</b>	<b>Request</b>	<b>Request</b>	
Personal Services	\$ 1,717,198	\$ 1,953,039	\$ 1,928,980	\$ 1,987,131	\$ 58,151 3.0%
MWRA Water	\$ 1,476,428	\$ 1,882,300	\$ 2,311,780	\$ 3,418,000	\$ 1,106,220 47.9%
All Other Operating Expenses	\$ 1,761,205	\$ 2,082,478	\$ 2,088,317	\$ 1,937,715	\$ (150,602) -7.2%
<b>Personal Services and Expenses Subtotal</b>	<b>\$ 4,954,831</b>	<b>\$ 5,917,817</b>	<b>\$ 6,329,077</b>	<b>\$ 7,342,846</b>	<b>\$ 1,013,769 16.0%</b>
Interest Expenses	\$ 114,611	\$ 102,436	\$ 86,236	\$ 75,236	\$ (11,000) -12.8%
Non-Operating Expenses	\$ 494,800	\$ 484,620	\$ 494,800	\$ 550,000	\$ 55,200 11.2%
Depreciation	\$ 965,330	\$ 1,025,253	\$ 1,025,253	\$ 1,083,535	\$ 58,282 5.7%
<b>Non-Operating Subtotal</b>	<b>\$ 1,574,741</b>	<b>\$ 1,612,309</b>	<b>\$ 1,606,289</b>	<b>\$ 1,708,771</b>	<b>\$ 102,482 6.4%</b>
<b>Total Operating &amp; Non-Operating Expenses</b>	<b>\$ 6,529,572</b>	<b>\$ 7,530,126</b>	<b>\$ 7,935,366</b>	<b>\$ 9,051,617</b>	<b>\$ 1,116,251 14.1%</b>
<b>Water Capital Budget (including debt principal)</b>	<b>\$ 2,109,797</b>	<b>\$ 2,061,432</b>	<b>\$ 1,598,932</b>	<b>\$ 7,367,500</b>	<b>\$ 5,768,568 360.8%</b>
<b>Water Total Budget</b>	<b>\$ 8,639,369</b>	<b>\$ 9,591,558</b>	<b>\$ 9,534,298</b>	<b>\$ 16,419,117</b>	<b>\$ 6,884,819 72.2%</b>
<b>SEWER BUDGET SUMMARY</b>	<b>FY2020</b>	<b>FY2021</b>	<b>FY2022</b>	<b>FY2023</b>	<b>Increase/Decrease</b>
	<b>Actual</b>	<b>Actual</b>	<b>Request</b>	<b>Request</b>	
Personal Services	\$ 726,745	\$ 749,178	\$ 878,530	\$ 909,150	\$ 30,620 3.5%
MWRA Sewer	\$ 5,923,894	\$ 5,955,781	\$ 6,126,433	\$ 6,432,755	\$ 306,322 5.0%
All Other Operating Expenses	\$ 569,673	\$ 602,574	\$ 689,498	\$ 680,855	\$ (8,643) -1.3%
<b>Personal Services and Expenses Subtotal</b>	<b>\$ 7,220,312</b>	<b>\$ 7,307,533</b>	<b>\$ 7,694,461</b>	<b>\$ 8,022,760</b>	<b>\$ 328,299 4.3%</b>
Interest Expenses	\$ 54,061	\$ 51,586	\$ 45,086	\$ 38,586	\$ (6,500) -14.4%
Non-Operating Expenses	\$ 41,270	\$ 48,922	\$ 50,000	\$ 50,000	\$ - 0.0%
Depreciation	\$ 486,466	\$ 479,931	\$ 486,465	\$ 491,465	\$ 5,000 1.0%
<b>Non-Operating Subtotal</b>	<b>\$ 581,797</b>	<b>\$ 580,439</b>	<b>\$ 581,551</b>	<b>\$ 580,051</b>	<b>\$ (1,500) -0.3%</b>
<b>Total Operating &amp; Non-Operating Expenses</b>	<b>\$ 7,802,109</b>	<b>\$ 7,887,972</b>	<b>\$ 8,276,012</b>	<b>\$ 8,602,811</b>	<b>\$ 326,799 3.9%</b>
<b>Sewer Capital Budget (including debt principal)</b>	<b>\$ 950,671</b>	<b>\$ 943,298</b>	<b>\$ 1,407,982</b>	<b>\$ 1,197,483</b>	<b>\$ (210,499) -15.0%</b>
<b>Sewer Total Budget</b>	<b>\$ 8,752,780</b>	<b>\$ 8,831,270</b>	<b>\$ 9,683,994</b>	<b>\$ 9,800,294</b>	<b>\$ 116,300 1.2%</b>

**TOWN OF WELLESLEY DEPARTMENT OF PUBLIC WORKS**  
**WATER ENTERPRISE FUND**  
**FY2023 BUDGET - SUBPROGRAM SUMMARY**

		<b>FY2020 Actual</b>	<b>FY2021 Actual</b>	<b>FY2022 Plan</b>	<b>FY2023 Plan</b>	<b>FY2023 - FY2022 (\$)</b>	<b>FY2023 - FY2022 (%)</b>
<b>PERSONAL SERVICES</b>							
710	SOURCE OF SUPPLY	39,077	44,470	74,275	78,187	3,912	5.3%
720	PUMPING & TREATMENT	339,289	375,549	323,298	333,246	9,948	3.1%
740	TRANSMISSION & DISTRIBUTION	738,371	695,630	907,540	936,132	28,592	3.2%
940	CUSTOMER ACCOUNTS	83,326	90,445	121,816	124,904	3,088	2.5%
962	ADMINISTRATION	496,770	498,930	481,141	493,334	12,193	2.5%
976	FACILITIES & GROUNDS	20,365	16,544	20,910	21,328	418	2.0%
	<b>PERSONAL SERVICES TOTAL</b>	<b>\$ 1,717,198</b>	<b>\$ 1,721,569</b>	<b>\$ 1,928,980</b>	<b>\$ 1,987,131</b>	<b>58,151</b>	<b>3.0%</b>
<b>EXPENSES</b>							
710	SOURCE OF SUPPLY - OTHER	42,599	117,998	89,500	86,500	(3,000)	-3.4%
714	SOURCE OF SUPPLY - MWRA	1,476,428	1,844,491	2,311,780	3,418,000	1,106,220	47.9%
720	PUMPING & TREATMENT	691,521	601,946	810,344	760,468	(49,876)	-6.2%
740	TRANSMISSION & DISTRIBUTION	440,943	430,045	569,214	521,293	(47,921)	-8.4%
940	CUSTOMER ACCOUNTS	121,347	117,597	155,600	156,385	785	0.5%
962	ADMINISTRATION	398,661	353,057	371,808	331,363	(40,445)	-10.9%
962	OPEB	38,500	38,500	38,500	38,500	-	0.0%
976	FACILITIES & GROUNDS	27,634	25,570	53,351	43,206	(10,145)	-19.0%
	<b>EXPENSES TOTAL</b>	<b>\$ 3,237,633</b>	<b>\$ 3,529,203</b>	<b>\$ 4,400,097</b>	<b>\$ 5,355,715</b>	<b>955,618</b>	<b>21.7%</b>
	<b>PERSONAL SERVICES &amp; EXPENSE TOTAL</b>	<b>\$ 4,954,831</b>	<b>\$ 5,250,772</b>	<b>\$ 6,329,077</b>	<b>\$ 7,342,846</b>	<b>1,013,769</b>	<b>16.0%</b>
<b>INTEREST, DEPRECIATION &amp; OTHER EXPENSES</b>							
	DEPRECIATION	1,059,922	1,025,252	1,073,535	1,083,535	10,000	0.9%
	INTEREST EXPENSE	114,611	102,436	86,236	75,236	(11,000)	-12.8%
	<b>TOTAL</b>	<b>\$ 6,129,364</b>	<b>\$ 6,378,460</b>	<b>\$ 7,488,848</b>	<b>\$ 8,501,617</b>	<b>\$ 1,012,769</b>	<b>13.5%</b>

# WATER AND SEWER DIVISION

## FY2023 OPERATING BUDGET

### STAFFING PLAN

Position	Employee	FY23		FY22	FY23	Aboard 11/1	FY20	FY21	FY22	FY23	FY20	FY21	FY22	FY23	FY23- FY22(\$)	FY23- FY22(%)
		Group	Step	Rate	Rate		Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan		
SUPERINTENDENT	SHAUGHNESSY, WILLIAM	61		56.10	<b>57.50</b>	1	1.00	1.00	1.00	<b>1.00</b>	112,796	115,175	117,134	<b>120,415</b>	3,281	2.8%
ASST SUPERINTENDENT	CONDON, MEGHAN	59		43.12	<b>44.20</b>	1	1.00	1.00	1.00	<b>1.00</b>	86,232	88,050	90,031	<b>92,282</b>	2,251	2.5%
PROJECT ENGINEER	HERNON, MATT	57		37.14	<b>38.07</b>	1	1.00	1.00	1.00	<b>1.00</b>	81,339	83,054	84,715	<b>86,833</b>	2,118	2.5%
GENERAL FOREMAN	FURDON, ROBERT	55/9		33.06	<b>44.33</b>	1	1.00	1.00	1.00	<b>1.00</b>	84,084	87,425	90,995	<b>92,561</b>	1,566	1.7%
GENERAL FOREMAN	ROGERS, DWIGHT	55/9		35.34	<b>44.33</b>	1	1.00	1.00	1.00	<b>1.00</b>	84,084	87,425	90,995	<b>92,561</b>	1,566	1.7%
OFFICE ADMINISTRATOR	CHISHOLM, SARAH	49/6		32.97	<b>33.88</b>	1	1.00	1.00	1.00	<b>1.00</b>	66,075	67,481	68,831	<b>70,734</b>	1,903	2.8%
FOREMAN A	FAHEY, GEORGE	20/7		28.74	<b>36.90</b>	1	1.00	1.00	1.00	<b>1.00</b>	69,910	72,691	75,565	<b>77,047</b>	1,482	2.0%
FOREMAN A	NAGLE, WILLIAM	20/7		28.74	<b>36.85</b>	1	1.00	1.00	1.00	<b>1.00</b>	69,803	72,587	75,460	<b>76,943</b>	1,483	2.0%
FOREMAN A	SNOW JR, WALTER	20/7		28.74	<b>36.90</b>	1	1.00	1.00	1.00	<b>1.00</b>	69,910	72,691	75,565	<b>77,047</b>	1,482	2.0%
LEAD TREATMENT OPERATOR	<b>FILLED AS PTO</b>	20/7		28.74	<b>35.59</b>	0	1.00	1.00	1.00	<b>1.00</b>	68,627	69,313	74,312	<b>75,798</b>	1,486	2.0%
PRIMARY WTR. TREAT. OP.	SMITH, CHRISTOPHER	18/7		26.41	<b>33.40</b>	1	1.00	1.00	0.00	<b>0.00</b>	63,111	65,091	0	<b>0</b>	0	0.0%
PRIMARY WTR. TREAT. OP.	ELD, MICHAEL	18/7		26.52	<b>33.95</b>	1	1.00	1.00	1.00	<b>1.00</b>	64,202	66,776	69,426	<b>70,888</b>	1,462	2.1%
PRIMARY WTR. TREAT. OP.	JONES, JOSEPH	18/7		26.41	<b>33.40</b>	1	1.00	1.00	1.00	<b>1.00</b>	63,111	65,711	68,361	<b>69,739</b>	1,378	2.0%
PRIMARY WTR. TREAT. OP.	LITCHFIELD, CHRISTOPHER	18/7		26.41	<b>33.40</b>	1	1.00	1.00	1.00	<b>1.00</b>	63,881	65,865	66,385	<b>69,739</b>	3,354	5.1%
METER FOREMAN	MACDONALD, MICHAEL	19/7		27.47	<b>35.32</b>	1	1.00	1.00	1.00	<b>1.00</b>	66,917	69,570	72,328	<b>73,748</b>	1,420	2.0%
METER CROSS CONN. TECH	SARDINA, THOMAS	17/7		25.11	<b>32.30</b>	1	1.00	1.00	1.00	<b>1.00</b>	61,059	63,623	66,148	<b>67,442</b>	1,294	2.0%
POWER SHOVEL OPER	EVANS, MATTHEW	17/7		25.11	<b>32.11</b>	1	1.00	1.00	1.00	<b>1.00</b>	60,738	63,226	65,751	<b>67,046</b>	1,295	2.0%
POWER SHOVEL OPER	FEELY, BENJAMIN	17/5		25.11	<b>29.24</b>	1	1.00	1.00	1.00	<b>1.00</b>	60,952	52,442	56,643	<b>61,049</b>	4,406	7.8%
STOCKMAN	CAMPANELLA, GREGORY	17/7		25.11	<b>32.21</b>	1	1.00	1.00	1.00	<b>1.00</b>	46,307	63,226	65,960	<b>67,254</b>	1,294	2.0%
WATER DISTB & SEWER SYS OPERA	CARRIGG, KEARNY	16/7		29.03	<b>29.31</b>	1	1.00	1.00	1.00	<b>1.00</b>	58,216	58,798	56,585	<b>61,199</b>	4,614	8.2%
WATER DISTB & SEWER SYS OPERA	<b>VACANT</b>	16/5		23.84	<b>27.64</b>	0	1.00	1.00	1.00	<b>1.00</b>	57,809	58,387	56,585	<b>57,712</b>	1,127	2.0%
WATER DISTB & SEWER SYS OPERA	<b>VACANT</b>	16/5		23.84	<b>27.64</b>	0	1.00	1.00	1.00	<b>1.00</b>	58,515	59,100	56,585	<b>57,712</b>	1,127	2.0%
WATER DISTB & SEWER SYS OPERA	<b>VACANT</b>	16/2		29.03	<b>23.78</b>	0	1.00	1.00	1.00	<b>1.00</b>	46,649	47,115	48,692	<b>49,653</b>	961	2.0%
WATER DISTB & SEWER SYS OPERA	<b>FILLED AS LABORER</b>	16/5		23.84	<b>27.64</b>	0	1.00	1.00	1.00	<b>1.00</b>	57,040	57,610	56,585	<b>60,615</b>	4,030	7.1%
TRUCK DRIVER & LABORER	MELIA, STEPHEN	15/7		23.84	<b>29.45</b>	1	1.00	1.00	1.00	<b>1.00</b>	55,757	58,015	60,301	<b>61,492</b>	1,191	2.0%
TRUCK DRIVER & LABORER	TUSLER, JOHN	15/7		22.78	<b>29.44</b>	1	1.00	1.00	1.00	<b>1.00</b>	50,049	50,571	51,270	<b>61,463</b>	10,193	19.9%
TRUCK DRIVER & LABORER	<b>VACANT</b>	15/7		22.78	<b>27.73</b>	0	1.00	1.00	1.00	<b>1.00</b>	55,244	57,514	60,009	<b>57,900</b>	-2,109	-3.5%
LABORER	FORTE, JEFFREY	11/7		19.19	<b>24.24</b>	1	1.00	1.00	1.00	<b>1.00</b>	46,714	48,674	50,613	<b>50,613</b>	0	0.0%
LABORER	KELLEY, PAUL	11/7		19.19	<b>24.39</b>	1	0.00	0.00	0.00	<b>0.00</b>	0	0	0	<b>0</b>	0	0.0%
<b>Division Total</b>				<b>23.00</b>	<b>28.00</b>	<b>28.00</b>	<b>27.00</b>	<b>27.00</b>	<b>27.00</b>	<b>1,829,131</b>	<b>1,887,206</b>	<b>1,871,830</b>	<b>1,927,485</b>	<b>55,655</b>	<b>3.0%</b>	
<b>Subtotals</b>																
Division Total before Management Pay Plan (MPP)					<b>20.00</b>	<b>25.00</b>	<b>25.00</b>	<b>24.00</b>	<b>24.00</b>	<b>1,548,764</b>	<b>1,600,927</b>	<b>1,579,950</b>	<b>1,627,955</b>	<b>48,005</b>	<b>3.0%</b>	
Management Pay Plan (MPP)					<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>280,367</b>	<b>286,279</b>	<b>291,880</b>	<b>299,530</b>	<b>7,650</b>	<b>2.6%</b>	
TEMPORARIES/SEASONAL				<b>17.00</b>	<b>17.47</b>					<b>47,352</b>	<b>48,536</b>	<b>49,507</b>	<b>50,497</b>	<b>990</b>	<b>2.0%</b>	
SCHEDULED OVERTIME				<b>25.76</b>	<b>43.56</b>					<b>213,435</b>	<b>235,829</b>	<b>235,829</b>	<b>240,545</b>	<b>4,716</b>	<b>2.0%</b>	
EMERGENCY OVERTIME				<b>25.76</b>	<b>43.56</b>					<b>104,695</b>	<b>115,680</b>	<b>115,680</b>	<b>117,993</b>	<b>2,313</b>	<b>2.0%</b>	
CHARGES FROM OTHER DIVISIONS										<b>753,342</b>	<b>772,176</b>	<b>741,898</b>	<b>760,445</b>	<b>18,547</b>	<b>2.5%</b>	
LONGEVITY - W/S										<b>700</b>	<b>800</b>	<b>800</b>	<b>800</b>	<b>0</b>	<b>0.0%</b>	
CHARGES FROM FMD				<b>29.24</b>	<b>29.24</b>					<b>37,996</b>	<b>41,000</b>	<b>41,820</b>	<b>42,656</b>	<b>836</b>	<b>2.0%</b>	
<b>PERSONAL SERVICES TOTAL</b>				<b>23.00</b>	<b>28.00</b>	<b>28.00</b>	<b>27.00</b>	<b>27.00</b>	<b>27.00</b>	<b>2,986,651</b>	<b>3,101,227</b>	<b>3,057,364</b>	<b>3,140,421</b>	<b>83,057</b>	<b>2.7%</b>	

## INDIRECT CHARGES FROM OTHER DIVISIONS

The Staffing Sheet on the previous page show the amounts that Water & Sewer pays for work requested of other Departments for recurring and one time projects. Work includes Direct Cost items such as engineering plan reviews, utility mark-outs, sewer house connection inspections, patching trenches, landscape maintenance, recycling and disposal services, billing and customer service, and custodial services. Indirect Cost items such as executive, financial, engineering, administrative, safety, security, human resources, and technology functions are distributed on a fixed allocation basis. The table below shows the amounts of these allocations budgeted for each division.

<b>Department of Public Works FY 2023 Salary Allocations</b>		
<b>INDIRECT CHARGES FROM OTHER DIVISIONS</b>	<b>FY22</b>	<b>FY23</b>
ENGINEERING DIVISION	49,352	50,288
HIGHWAY DIVISION	49,352	41,334
PARK & TREE DIVISION	-	-
RECYCLING & DISPOSAL	-	-
MANAGEMENT DIVISION	350.754	362,179
<b>DPW TOTAL</b>	<b>449,458</b>	<b>453,801</b>

The table below shows the percentage allocations of all DPW positions that charge Water & Sewer for services provided on a fixed allocation basis.

Department of Public Works FY 2023 Salary Allocations		
POSITION	WORK FOR OTHERS - ENTERPRISE	ENTERPRISE FUND SUPPORT
<b>ENGINEERING DIVISION</b>		
TOWN ENGINEER		20%
ASST. TOWN ENG		20%
SR. CIVIL ENGINEER		5%
<b>HIGHWAY DIVISION</b>		
WATCHMAN		50%
<b>MANAGEMENT DIVISION</b>		
DIRECTOR		35%
EXECUTIVE SECRETARY		35%
EXECUTIVE SECRETARY		35%
PROGRAMS MGR/ASST DIR		50%
SR. MANAGEMENT ANALYST		40%
DATABASE/APPLICATION MGR		40%
MANAGEMENT ANALYST		80%
SAFETY COORDINATOR		40%
OFFICE ASSISTANT		40%

**TOWN OF WELLESLEY DEPARTMENT OF PUBLIC WORKS  
WATER ENTERPRISE FUND  
FY2023 BUDGET - COMPARATIVE INCOME STATEMENT**

**Statement of Activities**

	<b>FY2019 Actual</b>	<b>FY2020 Actual</b>	<b>FY2021 Actual</b>	<b>FY2022 Revised Plan</b>	<b>FY2023 Plan</b>	<b>Variance Increase (Decrease)</b>	<b>% INC/DEC</b>
<b>OPERATING REVENUE:</b>							
<i>Rate Adjustment - %</i>	\$ 6,864,830 <i>Estimate: 0%</i>	\$ 6,694,206 <i>Estimate: 0%</i>	\$ 7,309,438 <i>Estimate: 0%</i>	\$ 5,742,806 <i>Estimate: 0%</i>	\$ 9,356,320 <i>Estimate: 80%</i>	3,613,514	62.9%
<i>Units Sold (CCF)</i>	1,178,817 CCF	1,199,595 CCF	1,178,609 CCF	1,089,000 CCF	1,089,000 CCF		
<b>OPERATING EXPENSES:</b>							
Source of Supply - MWRA Charges	\$ 1,485,700	\$ 1,476,428	\$ 1,844,491	\$ 2,311,780	\$ 3,418,000	1,106,220	47.9%
Source of Supply - Other Expenses	\$ 104,511	\$ 81,676	\$ 162,468	\$ 163,775	\$ 164,687	912	0.6%
Pumping & Treatment	\$ 1,125,816	\$ 1,030,810	\$ 977,494	\$ 1,133,642	\$ 1,093,714	(39,928)	-3.5%
Transmission & Distribution	\$ 1,151,473	\$ 1,179,314	\$ 1,125,675	\$ 1,476,754	\$ 1,457,425	(19,329)	-1.3%
Customer Accounts	\$ 195,047	\$ 204,673	\$ 208,042	\$ 277,416	\$ 281,289	3,873	1.4%
Facilities and Grounds	\$ 58,928	\$ 47,999	\$ 42,114	\$ 74,261	\$ 64,534	(9,727)	-13.1%
Administrative & General	\$ 820,151	\$ 895,431	\$ 851,988	\$ 852,949	\$ 824,697	(28,252)	-3.3%
OPEB	\$ 38,500	\$ 38,500	\$ 38,500	\$ 38,500	\$ 38,500	0	0.0%
Depreciation	\$ 922,226	\$ 1,059,922	\$ 1,025,252	\$ 1,073,535	\$ 1,083,535	10,000	0.9%
<b>TOTAL OPERATING EXPENSES</b>	<b>\$ 5,902,351</b>	<b>\$ 6,014,753</b>	<b>\$ 6,276,024</b>	<b>\$ 7,402,612</b>	<b>\$ 8,426,381</b>	<b>1,023,769</b>	<b>13.8%</b>
<b>OPERATING INCOME</b>	<b>\$ 962,478</b>	<b>\$ 679,453</b>	<b>\$ 1,033,414</b>	<b>\$ (1,659,806)</b>	<b>\$ 929,939</b>	<b>2,589,745</b>	<b>156.0%</b>
<b>OTHER INCOME (EXPENSES):</b>	<b>\$ (293,102)</b>	<b>\$ (176,570)</b>	<b>\$ (267,974)</b>	<b>\$ (186,236)</b>	<b>\$ (175,236)</b>		
<b>CHANGE IN NET ASSETS</b>	<b>\$ 669,376</b>	<b>\$ 502,883</b>	<b>\$ 765,440</b>	<b>\$ (1,846,042)</b>	<b>\$ 754,703</b>	<b>2,600,745</b>	<b>140.9%</b>

**TOWN OF WELLESLEY DEPARTMENT OF PUBLIC WORKS**  
**WATER ENTERPRISE FUND**  
**FY2023 BUDGET - COMPARATIVE STATEMENT OF CASH FLOWS**

	<b>FY2019</b>	<b>FY2020</b>	<b>FY2021</b>	<b>FY2022</b>	<b>FY2023</b>
	<b>Actual</b>	<b>Actual</b>	<b>Actual</b>	<b>Plan</b>	<b>Plan</b>
<b>CASH FLOWS FROM OPERATING ACTIVITIES:</b>					
Operating Income	\$ 962,478	\$ 679,453	\$ 1,033,414	\$ (1,659,806)	\$ 929,939
<i>Adjustments To Reconcile Operating Income To Net Cash Provided By Operating Activities:</i>					
Depreciation & Amortization	\$ 922,226	\$ 1,059,922	\$ 1,025,252	\$ 1,073,535	\$ 1,083,535
Loss On Disposal Of Fixed Assets	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Changes In Assets And Liabilities:</i>					
Accounts Receivable - Customers (Increase)	\$ 149,925	\$ (107,662)	\$ (56,922)	\$ -	\$ -
Materials & Supplies	\$ 5,869	\$ 7,613	\$ (22,025)	\$ -	\$ -
Due From Capital Projects Fund					
Other Current Assets					
Accounts Payable & Accrued Liabilities	\$ -	\$ -	\$ -	\$ -	\$ -
Customer Deposits And Advances (Decrease)	\$ -	\$ -	\$ -	\$ -	\$ -
Adjustment - MWRA Plan to Actual	\$ -	\$ -	\$ -	\$ -	\$ -
Total Adjustments	\$ 1,078,020	\$ 959,873	\$ 946,305	\$ 1,073,535	\$ 1,083,535
<b>NET CASH PROVIDED BY OPERATING ACTIVITIES</b>	<b>\$ 2,040,498</b>	<b>\$ 1,639,326</b>	<b>\$ 1,979,719</b>	<b>\$ (586,271)</b>	<b>\$ 2,013,474</b>
<b>CASH FLOWS FROM NON-CAPITAL FINANCING ACTIVITIES</b>					
Proceeds from non-operating activities	\$ 364,381	\$ 432,841	\$ 319,083	\$ 450,000	\$ 450,000
Proceeds for non-operating activities	\$ (527,547)	\$ (494,800)	\$ (484,620)	\$ (550,000)	\$ (550,000)
Auditors' Changes in Fair Market Value of Investments/Other Adjustments					
Interest Paid	\$ (129,936)	\$ (114,611)	\$ (102,436)	\$ (86,236)	\$ (75,236)
[Interest Received is included in Revenue]					
<b>NET CASH - NON CAPITAL FINANCING ACTIVITIES</b>	<b>\$ (293,102)</b>	<b>\$ (176,570)</b>	<b>\$ (267,973)</b>	<b>\$ (186,236)</b>	<b>\$ (175,236)</b>
<b>CASH FLOWS FROM CAPITAL &amp; RELATED FINANCING ACTIVITIES</b>					
Proceeds from BAN/Bond (Wtr Meters)					
Proceeds from Bond (PFAS)	\$ -	\$ -	\$ -	\$ 1,500,000	\$ 5,300,000
Proceeds from MWRA Loan	\$ -	\$ -	\$ -	\$ 350,000	\$ 500,000
Principal Payments on General Obligation Bond (Wtr Treatment Plants/Sat Wells)	\$ (130,000)	\$ (130,000)	\$ (130,000)	\$ (130,000)	\$ (130,000)
Principal Payments on BAN/Bond (Wtr/Swr Facility)	\$ (170,000)	\$ (165,000)	\$ (162,500)	\$ (162,500)	\$ (162,500)
Principal Payments on BAN/Bond (Remote Meters)	\$ (92,000)	\$ (90,000)	\$ (90,000)	\$ (90,000)	\$ (90,000)
Repayment of MWRA Loan	\$ (51,841)	\$ (51,841)	\$ (51,841)	\$ (133,932)	\$ (140,000)
Capital Expenditures	\$ (1,599,867)	\$ (780,857)	\$ (254,372)	\$ (1,080,000)	\$ (1,545,000)
Capital Expenditure Carry Forward				\$ (2,672,126)	
Remote Meter Capital Expenditure (2016 ATM Approved \$4.1M)	\$ (107,901)	\$ (892,099)	\$ (1,640,821)	\$ (1,459,179)	
PFAS Treatment Upgrade				\$ (1,500,000)	\$ (5,300,000)
Contribution In Aid Of Construction	\$ -	\$ -	\$ -	\$ -	\$ -
<b>NET CASH (used for) PROVIDED BY CAPITAL/RELATED FINANCING ACTIVITIES</b>	<b>\$ (2,151,609)</b>	<b>\$ (2,109,797)</b>	<b>\$ (2,329,534)</b>	<b>\$ (5,377,737)</b>	<b>\$ (1,567,500)</b>
<b>NET INCREASE (DECREASE) IN CASH AND EQUIVALENTS</b>	<b>\$ (404,213)</b>	<b>\$ (647,041)</b>	<b>\$ (617,788)</b>	<b>\$ (6,150,244)</b>	<b>\$ 270,738</b>
Offset -- Set Aside to Capital Reserve					
<b>CASH AND EQUIVALENTS: BEGINNING OF YEAR</b>	<b>\$ 8,887,772</b>	<b>\$ 8,483,559</b>	<b>\$ 7,836,518</b>	<b>\$ 7,218,730</b>	<b>\$ 1,068,486</b>
<b>CASH AND EQUIVALENTS: END OF YEAR</b>	<b>\$ 8,483,559</b>	<b>\$ 7,836,518</b>	<b>\$ 7,218,730</b>	<b>\$ 1,068,486</b>	<b>\$ 1,339,224</b>

**TOWN OF WELLESLEY DEPARTMENT OF PUBLIC WORKS**

**WATER ENTERPRISE FUND**

**FY2023 OPERATING BUDGET - COMPARATIVE STATEMENT OF FINANCIAL POSITION**

ASSETS	FY2019 Actual	FY2020 Actual	FY2021 Actual	FY2022 Plan	FY2023 Plan
<b>CURRENT ASSETS:</b>					
Cash & Equivalents On Deposit With Town Treasurer	\$ 8,483,559	\$ 7,836,518	\$ 7,218,730	\$ 1,068,486	\$ 1,339,224
Adjustment - Due from Capital Project					
Accounts Receivable	\$ 684,431	\$ 792,093	\$ 849,015	\$ 849,015	\$ 849,015
Reserve for Uncollectables	\$ (6,076)	\$ (6,076)	\$ (6,076)	\$ (6,075)	\$ (6,075)
Materials & Supplies	\$ 174,707	\$ 167,094	\$ 189,119	\$ 189,119	\$ 189,119
Due From Capital Project Fund					
<b>TOTAL CURRENT ASSETS</b>	<b>\$ 9,336,621</b>	<b>\$ 8,789,629</b>	<b>\$ 8,250,788</b>	<b>\$ 2,100,545</b>	<b>\$ 2,371,283</b>
<b>PROPERTY, PLANT &amp; EQUIPMENT</b>					
Plant and distribution facilities	\$ 33,246,585	\$ 33,332,357	\$ 33,970,178	\$ 34,971,866	\$ 36,516,866
Vehicles and other equipment	\$ 2,017,514	\$ 1,976,519	\$ 2,076,800	\$ 2,381,800	\$ 2,581,800
Total	\$ 35,264,099	\$ 35,308,876	\$ 36,046,978	\$ 37,353,666	\$ 39,098,666
Less accumulated depreciation	\$ (18,840,594)	\$ (19,900,516)	\$ (20,925,768)	\$ (21,999,303)	\$ (23,082,838)
	<b>\$ 16,423,505</b>	<b>\$ 15,408,360</b>	<b>\$ 15,121,210</b>	<b>\$ 15,354,363</b>	<b>\$ 16,015,828</b>
Construction work in progress	\$ 329,407	\$ 1,957,586	\$ 321,688	\$ 400,000	\$ 400,000
Net Property, Plant and Equipment	\$ 16,752,912	\$ 17,365,946	\$ 15,442,898	\$ 15,754,363	\$ 16,415,828
<b>TOTAL ASSETS</b>	<b>\$ 26,089,532</b>	<b>\$ 26,155,575</b>	<b>\$ 23,693,686</b>	<b>\$ 17,854,908</b>	<b>\$ 18,787,111</b>
<b>LIABILITIES AND FUND EQUITY</b>					
Accounts Payable	\$ -	\$ -	\$ -	\$ -	\$ -
Accrued Liabilities	\$ 25,771	\$ 45,827	\$ 34,445	\$ 34,445	\$ 34,445
Customer Deposits	\$ 34,445	\$ 34,445	\$ 30,983	\$ 30,983	\$ 30,983
<b>TOTAL CURRENT LIABILITIES</b>	<b>\$ 60,216</b>	<b>\$ 80,272</b>	<b>\$ 65,428</b>	<b>\$ 65,428</b>	<b>\$ 65,428</b>
Long Term Liabilities:					
General Obligation Water Bonds - Trtmnt Plants					
General Obligation Water Bonds - DPW Facility	\$ 1,454,650	\$ 1,289,650	\$ 1,127,150	\$ 964,650	\$ 802,150
General Obligation Water Bonds - Morses Wells	\$ 520,000	\$ 390,000	\$ 260,000	\$ 130,000	\$ -
MWRA	\$ 161,547	\$ 109,706	\$ 57,865	\$ 378,933	\$ 815,000
Remote Meter Bond Principal	\$ 795,000	\$ 705,000	\$ 615,000	\$ 525,000	\$ 435,000
<b>TOTAL LONG TERM LIABILITIES</b>	<b>\$ 2,931,197</b>	<b>\$ 2,494,356</b>	<b>\$ 2,060,015</b>	<b>\$ 1,998,583</b>	<b>\$ 2,052,150</b>
<b>TOTAL LIABILITIES</b>	<b>\$ 2,991,413</b>	<b>\$ 2,574,628</b>	<b>\$ 2,125,443</b>	<b>\$ 2,064,011</b>	<b>\$ 2,117,578</b>
<b>FUND EQUITY</b>					
NET ASSETS:					
Invested in capital assets, net of related debt	\$ 13,713,813	\$ 13,346,252	\$ 13,382,883	\$ 13,755,780	\$ 14,363,678
Total Contributed Capital	\$ 13,713,813	\$ 13,346,252	\$ 13,382,883	\$ 13,755,780	\$ 14,363,678
Retained Earnings - Reserved	\$ 1,013,614	\$ 2,249,883	\$ 41,638	\$ 41,638	\$ 40,104
Fund Balance Reserved - Cont. Approp.	\$ 1,935,243	\$ 2,495,163	\$ 4,519,774	\$ 392,851	\$ (0)
Undesignated Fund Balance	\$ 6,435,449	\$ 5,489,649	\$ 3,623,948	\$ 1,600,628	\$ 2,265,751
<b>Retained Earnings</b>	<b>\$ 9,384,306</b>	<b>\$ 10,234,695</b>	<b>\$ 8,185,360</b>	<b>\$ 2,035,117</b>	<b>\$ 2,305,855</b>
<b>TOTAL FUND EQUITY</b>	<b>\$ 23,098,119</b>	<b>\$ 23,580,947</b>	<b>\$ 21,568,243</b>	<b>\$ 15,790,897</b>	<b>\$ 16,669,532</b>
<b>TOTAL LIABILITIES AND FUND EQUITY</b>	<b>\$ 26,089,532</b>	<b>\$ 26,155,575</b>	<b>\$ 23,693,686</b>	<b>\$ 17,854,908</b>	<b>\$ 18,787,111</b>

Water Enterprise Fund -- 2023 Annual Town Meeting Motion

Statement of Activities

**Motion:**

That the sum of \$17,196,592 be appropriated for the Water Enterprise Fund, to be expended as follows:

Salaries	\$ 1,987,131
Expenses (incl interest and all non-op exp)	\$ 5,942,451
OPEB	\$ 38,500
Depreciation	\$ 1,083,535
Capital Outlay	\$ 1,545,000
PFAS Treatment Outlay	\$ 5,300,000
Debt	\$ 522,500
Emergency Reserve	\$ 777,475
Total Authorized Use of Funds	\$ 17,196,592

And that \$17,196,592 be raised as follows:

Department Receipts	\$ 15,606,320
Depreciation	\$ 1,083,535
Retained Earnings	\$ 506,737
Total Source of Funds	\$ 17,196,592

Anticipated Sources and Uses of Funds	Water Budget <u>Plan</u>	Approp Request <u>w/ Contingency</u>
<b>Sources</b>		
Water Fund Receipts		
Water Charges	\$ 9,356,320	
Other Charges		
Subtotal - Operating Revenues	\$ 9,356,320	\$ 9,356,320
Other Cash Sources		
Depreciation	\$ 1,083,535	
Non-Operating Income	\$ 450,000	
Changes in Accts Receivable, Accts Payable, etc.	\$ -	
Interest Received	\$ -	
Contrib in Aid of Construction	\$ -	
Loan Proceeds	\$ 5,800,000	
Rate Stabilization	\$ (270,738)	
Contingency - From Available Cash		\$ 777,475
Subtotal - Other Cash Sources	\$ 7,062,797	\$ 7,840,272
<b>Total Sources</b>	<b>\$ 16,419,117</b>	<b>\$ 17,196,592</b>
<b>Uses</b>		
Operating Expenses & Depreciation	\$ 8,426,381	
Contingency - 3%		\$ 252,791
Subtotal - Operating Expenses	\$ 8,426,381	\$ 8,679,172
Non-Operating Expenses (incl Interest)	\$ 625,236	
Contingency - 25%		\$ 156,309
Subtotal - Op & Non-Op Expenses	\$ 625,236	\$ 781,545
Capital Expenses & Debt Obligations		
Capital Outlay	\$ 1,545,000	
PFAS Treatment Outlay	\$ 5,300,000	
Expenditures of Contrib. in Aid of Construction	\$ -	
Debt (Principal)	\$ 522,500	
Contingency - 5%		\$ 368,375
Subtotal - Capital & Debt	\$ 7,367,500	\$ 7,735,875
<b>Total Uses</b>	<b>\$ 16,419,117</b>	<b>\$ 17,196,592</b>

## **WATER - PROGRAM 470**

### **Program Objective**

To construct, operate and maintain wells, pumps, distribution lines and storage systems in order to provide a potable and reliable water supply for residential and commercial uses and fire protection; and to practice and promote conservation and protection of water resources.

Wellesley's water supply consists of ten wells and a 150-mile distribution system with two sets of underground reservoirs having a combined storage capacity of 6 million gallons. Wellesley's water is supplied from its own wells with a supplemental supply from the Massachusetts Water Resources Authority (MWRA). The system is fully metered with approximately 8,300 indoor meter accounts and 4,400 outdoor meter accounts.

#### ***710 Source of Supply Subprogram (Operation and Maintenance of Wells)***

The purpose of the Source of Supply Subprogram is to provide an adequate supply for delivery of potable water to customers.

Subprogram activities include the maintenance of Wellesley's water supply system which consists of ten wells: four at Morse's Pond; four off Wellesley Avenue; and the Longfellow and Rosemary wells off Route 9. Subprogram activities also include maintenance of the MWRA supply main along the Route 128 corridor. Most of Wellesley's water is supplied by these wells, although a supplementary supply is available from the MWRA and is used extensively in the summer months.

Major items of expense incurred in operating and maintaining these facilities include the cost of labor, materials, chemicals, and supplies. Operation expenses also include the cost of purchased water from Needham and Natick that provide water to approximately 100 households bordering Needham and Natick, as well as water charges from the MWRA.

#### ***720 Pumping and Treatment Subprogram***

The purpose of the Pumping and Treatment subprogram is to pump and treat water for distribution to water users and to provide treated water that meets all Federal and State public health safe drinking water standards.

Subprogram activities include the operation and maintenance of the system's pumping stations and 3 treatment facilities. In FY21, 1.18 billion gallons of water were pumped from local supplies or purchased from the MWRA, for an average daily volume of 3.24 million gallons.

Pumping station facilities consist of stations at Morse's Pond, Wellesley Avenue, T.F. Coughlin (also off Wellesley Avenue), the Longfellow and Rosemary stations (off Route 9 in Wellesley Hills), and the Hegarty station (off Cedar Street). The treatment facilities are at Morse's Pond, Wellesley Avenue, and Longfellow station.

Major items of expense incurred in these activities include the cost of labor, materials used, and expenses incurred in the maintenance of pumping at water treatment facilities (structures and equipment). Expenses also include the cost of purchased power, chemicals, supplies, equipment use, testing services (including both equipment calibration and water quality monitoring), and allocated insurance and retirement expense.

### ***730-740 Transmission and Distribution Subprogram***

The purpose of the Transmission and Distribution subprogram is to provide a system for the effective, efficient, and reliable delivery of potable water to customers.

Subprogram activities include the operation and maintenance of storage facilities, booster station equipment, distribution lines including street mains, hydrants, water meters, associated equipment and structures, and customer services. Operation and maintenance activities include: routine inspection of storage facilities; operating and lubricating gates and valves; keeping operational records; operation of mains, services, and hydrants; routine patrolling; observing and recording pressures; flushing mains and hydrants; detecting and correcting leaks; cross-connections; removing and resetting, disconnecting and reconnecting, changing and relocating meters and associated equipment; turning on and shutting off service; inspecting and testing meters and maintaining meter history records; supervising customer installations work; and servicing customer requests.

The distribution system consists of: two sets of underground reservoirs on Maugus and Pierce hills, respectively, which provide a total storage capacity of 6 million gallons; 150 miles of distribution lines; 1,300 hydrants; and 11,800 water meters. Materials and costs associated with transmission and distribution activities include cost of labor, equipment use, allocated insurance and retirement expense, and maintenance and repair supplies.

### **940 Customer Accounts Subprogram**

The purpose of the Customer Accounts subprogram is to provide and maintain an efficient customer service system including billing and collection functions and to provide services and information for encouraging conservation and the efficient use of water. The costs of the Customer Accounts activities are shared between Water, Sewer and Electric.

The Personal Services for this Subprogram are now Direct Charges. The Customer Accounts subprogram provides customer services such as meter reading, customer records and collection activities; the processing of customer applications and deposits; preparation and mailing of regular and special billings; follow-up on unpaid and overdue accounts; servicing of customer inquiries and complaints; compilation of usage statistics and reports; and promotion of water conservation practices. Costs and materials associated with subprogram activities include the cost of labor, equipment use, allocated insurance and retirement expenses, postage and mailing expenses, data processing expenses and office supplies.

### **960 Administration Subprogram**

The purpose of the Administration subprogram is to manage and integrate funds, material, labor, and equipment to provide an effective and efficient and reliable potable water program.

Subprogram activities include the managerial functions of planning, budgeting, scheduling, staffing, and controlling Wellesley's Water Program. Functions directed and coordinated include constructing, operating and maintaining wells, pumps, water distribution lines, and storage systems to provide a potable and reliable water supply for residential and commercial uses and for fire protection; and for promoting conservation and protection of water resources.

Costs and materials associated with this subprogram include the administrative and general salaries, allocated insurance and retirement expenses, equipment use, office supplies, professional services, property insurance, damages, conferences, and interest expense.

### **976 Facilities and Grounds Subprogram**

This subprogram operates and maintains the Water & Sewer garage, office and adjacent grounds. The main building contains approximately 24,000 square feet of offices, locker rooms, restrooms, workshops, inventory storage, equipment and vehicle storage areas. Starting in FY17, custodial services are now provided by the Town's Facilities Maintenance Department and paid for by Water & Sewer.

## ***Water Division Capital Program***

The Water Division Capital Program is intended to maintain and improve the infrastructure of the water system to ensure the dependable operation of the system for the foreseeable future and avoid catastrophic failure of any part of the system.

Principal components of the program are:

- Maintenance and Improvements to Water Supply and Treatment Facilities
- Maintenance and Repair of Water Distribution System
- Maintenance and Repair of Water Meters
- Repair and Replacement of Buildings and Vehicles

### ***Water Supply and Treatment Maintenance and Improvements***

The primary goal of the Water Division is to supply safe water in sufficient quantities to meet domestic and commercial needs and public safety. This portion of the capital budget includes funding to clean the Town's wells as needed to optimize yield. In addition, funding is provided to maintain well yields through the installation of satellite wells, and to upgrade the water treatment plant equipment .

### ***Maintenance and Repair of Water Distribution System***

The ability to distribute water safely and in sufficient quantities throughout the town is also critical to the workings of the water system. A study of the distribution system has identified projects that will improve water pressure and quality as well as update older portions of the system. The Water Division has prioritized the recommendations of the study and the capital program provides for one improvement project to be undertaken each year. Under this plan, the entire improvement program would be spread over the next 30+ years.

### ***Maintenance and Repair of Water Meters***

The accuracy of water meters throughout the system allows a fair distribution of the cost of both water and sewer services. This portion of the capital budget funds the periodic testing (and repair, if needed) of the large water meters and also covers the cost of smaller meters that may become damaged due to freezing, etc. In FY20 the Division began a multi-year Town wide replacement program to change out the water meters and associated meter reading system.

### ***Repair and Replacement of Buildings and Vehicles***

Repairs to buildings and replacement of vehicles are carried out on an as-needed basis to protect these valuable and critical assets of the Division.

## WATER PROGRAM CAPITAL AND DEBT REPAYMENT: FY2023 PLAN

Program	Fund Code	FY2020 Funding	FY2021 Funding	FY2022 Funding	FY2023 Plan	FY2024 Plan	FY2025 Plan	FY2026 Plan	FY2027 Plan
<b>1. Water Supply &amp; Treatment</b>									
1. Well Cleaning/Maintenance Program	W	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
2. Water Treatment Plant Upgrades	W	100,000	300,000	300,000	300,000	300,000	300,000	200,000	100,000
3. PFAS Treatment Upgrade	W	0	0	0	5,300,000	0	4,000,000	0	4,000,000
4. MWRA Connection Feasibility Study	W	0	0	0	150,000	0	0	0	0
	<b>Subtotal</b>	<b>150,000</b>	<b>350,000</b>	<b>350,000</b>	<b>5,800,000</b>	<b>350,000</b>	<b>4,350,000</b>	<b>250,000</b>	<b>4,150,000</b>
<b>2. Distribution System</b>									
1. Hydrant Installation/Maintenance Program	W	70,000	70,000	0	70,000	70,000	70,000	70,000	70,000
2. Distribution System Improvements	W	400,000	500,000	500,000	750,000	750,000	750,000	750,000	750,000
	<b>Subtotal</b>	<b>470,000</b>	<b>570,000</b>	<b>500,000</b>	<b>820,000</b>	<b>820,000</b>	<b>820,000</b>	<b>820,000</b>	<b>820,000</b>
<b>3. Meter Program</b>									
1. Meter Replacement/Maintenance	W	30,000	30,000	0	30,000	30,000	30,000	30,000	30,000
	<b>Subtotal</b>	<b>30,000</b>	<b>30,000</b>	<b>0</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>
<b>4. Vehicle/Equipment Replacement</b>									
1. Water Vehicle & Equipment Replacement	W	100,000	280,000	200,000	135,000	295,000	205,000	495,000	70,000
	<b>Subtotal</b>	<b>100,000</b>	<b>280,000</b>	<b>200,000</b>	<b>135,000</b>	<b>295,000</b>	<b>205,000</b>	<b>495,000</b>	<b>70,000</b>
<b>5. DPW Facilities</b>									
1. Building Maintenance	W	30,000	30,000	30,000	60,000	30,000	30,000	30,000	30,000
	<b>Subtotal</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>60,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>
<b>6. Contingency</b>									
1. General Capital Contingency	W	0	0	0	0	0	0	0	0
2. Reserve for Major Capital Expenditures	W	0	0	0	0	0	0	0	0
	<b>Subtotal</b>	<b>0</b>							
<b>7. Debt Principal (interest shown in operating expenses)</b>									
1. Principal - MWRA Local Pipeline Assistance Loan	W	86,841	98,932	133,932	140,000	175,000	262,684	262,684	262,684
2. Principal - DPW Facility/Building Improvements	W	170,000	165,000	165,000	162,500	162,500	160,000	160,000	160,000
3. Principal - Water Supply Improvements	W	130,000	130,000	130,000	130,000	0	0	0	0
4. Principal - Meter Program	W	90,000	410,000	90,000	90,000	90,000	90,000	85,000	85,000
5. Principal - Water Treatment Plant	W	0	0	0	0	0	0	0	0
	<b>Subtotal</b>	<b>476,841</b>	<b>803,932</b>	<b>518,932</b>	<b>522,500</b>	<b>427,500</b>	<b>512,684</b>	<b>507,684</b>	<b>507,684</b>
<b>TOTAL REQUIREMENTS</b>									
Water Program Totals (excluding debt principal)		780,000	1,260,000	1,080,000	6,845,000	1,525,000	5,435,000	1,625,000	5,100,000
Water Program Totals (including debt principal)		<b>1,256,841</b>	<b>2,063,932</b>	<b>1,598,932</b>	<b>7,367,500</b>	<b>1,952,500</b>	<b>5,947,684</b>	<b>2,132,684</b>	<b>5,607,684</b>

**TABLE 4 - FY2023 WATER AND SEWER EQUIPMENT REPLACEMENT PRIORITIES and PROJECTED NEEDS FOR FY2024-2027**

Unit #	Year	Make and Model	Other Comments	Div	Status	Repl. Year	Est. Cost	Exp Life	Age @ Repl.	2022		2023	2024	2025	2026	2027
										2022	2023					
117	2012	FORD F350	Sewer Maint.	460	1	2022	65,000	10	10	65,000						
118	2004	FORD F350	Sewer Rodder	460	1	2026	85,000	10	22					85,000		
120	2021	FREIGHTLIN M2-106	Sewer Flusher Truck	460	1	2036	325,000	15	15							
125	2019	FORD F250	Station Operator	460	1	2027	70,000	10	8							70,000
128	2010	FORD F250	Station Operator	460	1	2025	70,000	8	15					70,000		
410	2020	SURE-TRAC ST6210	Utility Trailer	460	1	2035	25,000	15	15							
5	2018	TOYOTA PRIUS	Asst. Supt.	470	1	2026	35,000	8	8					35,000		
11	2015	TOYOTA PRIUS	Superintendent	470	1	2023	35,000	8	8			35,000				
96	2016	KOMATSU PC45MR-5	Mini Excavator	470	1	2027	80,000	10	11							80,000
111	2018	FORD F150	General Foreman	470	1	2027	50,000	8	9							50,000
112	2018	FORD F150	General Foreman	470	1	2027	50,000	8	9							50,000
113	2009	FORD F150	Utility Vehicle	470	1	2022	58,000	8	13	58,000						
115	2017	FORD F550	1 Ton Dump	470	1	2026	85,000	10	9					85,000		
116	2009	FORD E350	Meter Van	470	1	2022	55,000	8	13	55,000						
119	2014	FORD F250	Station Operator	470	1	2023	70,000	8	9			70,000				
121	2017	FORD F450	Trouble Truck	470	1	2025	75,000	10	8					75,000		
123	2016	FORD F550	1 Ton Dump	470	1	2026	90,000	10	10					90,000		
124	2014	FORD F450	Hi-top Utility	470	1	2024	70,000	10	10					70,000		
126	2014	FORD TRANSIT	Utility Van	470	1	2023	30,000	8	9			30,000				
127	2010	TOYOTA PRIUS	W/S Systems Engineer	470	1	2021	35,000	8	11							
129	2022	MACK GR42F	Dump Truck	470	1	2037	200,000	15	15							
131	2018	MACK GU712	Dump Truck	470	1	2033	190,000	15	15							
135	2015	INTERNATIO 4300SBA	Utility Vehicle	470	1	2024	225,000	15	9					225,000		
136	2012	FORD F550	Dump Truck	470	1	2022	87,000	10	10	87,000						
139	2008	CATERPILLA 430E	Loader/backhoe	470	1	2025	130,000	15	17					130,000		
140	2020	FREIGHTLIN 114SD	Vactor	470	1	2035	175,000	15	15							
141	2020	CATERPILLA 440	Loader/backhoe	470	1	2035	120,000	15	15							
142	1991	SULLIVAN 185CFM	Compressor	470	1	2026	15,000	20	35					15,000		
145	2018	ATLAS VS	Compressor	470	1	2028	15,000	10	10							
408	2021	WACH UTILITY	Utility Trailer	470	1	2036	60,000	15	15							
409	2019	SURE-TRAC ST6210	Utility Trailer	470	1	2034	25,000	15	15							
415	2014	CAM UTILITY	Trailer	470	1	2029	15,000	15	15							
136A	1994	LEROI 185CFM	Compressor	470	1	2026	12,000	20	32					12,000		

Status Codes: 1 = Replace New 2 = Replace Used 3 = Rebuild or From other Division 4 = Currently Being Replaced 5 = Do Not Replace

**TABLE 4 - FY2023 WATER AND SEWER EQUIPMENT REPLACEMENT PRIORITIES and PROJECTED NEEDS FOR FY2024-2027**

Unit #	Year	Make and Model	Other Comments	Div	Status	Repl. Year	Est. Cost	Exp Life	Age @ Repl.	2022	2023	2024	2025	2026	2027
										2022	2023	2024	2025	2026	2027
<b>Total</b>							<b>2,727,000</b>			<b>265,000</b>	<b>135,000</b>	<b>295,000</b>	<b>275,000</b>	<b>322,000</b>	<b>250,000</b>
<b>Water</b>							<b>2,087,000</b>			<b>200,000</b>	<b>135,000</b>	<b>295,000</b>	<b>205,000</b>	<b>237,000</b>	<b>180,000</b>
<b>Sewer</b>							<b>640,000</b>			<b>65,000</b>	<b>0</b>	<b>0</b>	<b>70,000</b>	<b>85,000</b>	<b>70,000</b>
<b>Total</b>							<b>2,727,000</b>			<b>265,000</b>	<b>135,000</b>	<b>295,000</b>	<b>275,000</b>	<b>322,000</b>	<b>250,000</b>

Status Codes: 1 = Replace New 2 = Replace Used 3 = Rebuild or From other Division 4 = Currently Being Replaced 5 = Do Not Replace

**TABLE 3 - FY2023 WATER AND SEWER EQUIPMENT REPLACEMENT PRIORITIES and PROJECTED NEEDS FOR FY2024-2025**

FY	Division	Equip #	Unit To Be Replaced	Age @	Replaced By	Functions Served	Unit Cost
2023	Water and Sewer	11	2015 TOYOTA PRIUS	8	Passenger Vehicle	Superintendent	35,000
2023	Water and Sewer	119	2014 FORD F250	9	Station Truck	Station Truck	70,000
2023	Water and Sewer	126	2014 FORD TRANSIT	9	Utility Van	Utility Van	30,000
						<b>FY2023 TOTAL:</b>	<b>135,000</b>
2024	Water and Sewer	124	2014 FORD F450	10	Hi-top Utility	Hi-top Utility	70,000
2024	Water and Sewer	135	2015 INTERNATIO 4300SBA	9	Utility Vehicle	Utility Vehicle	225,000
						<b>FY2024 TOTAL:</b>	<b>295,000</b>
2025	Water and Sewer	128	2010 FORD F250	15	Pickup Truck	Station Operator	70,000
2025	Water and Sewer	121	2017 FORD F450	8	Trouble Truck	Trouble Truck	75,000
2025	Water and Sewer	139	2008 CATERPILLA 430E	17	Loader/backhoe	Loader/backhoe	130,000
						<b>FY2025 TOTAL:</b>	<b>275,000</b>



**Town of Wellesley**  
**Department of Public Works**  
**CAPITAL PROJECT PLANNING SHEET**

**Fiscal Year:** 2023  
**Project ID:** W1.1

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**Project Name:** Well Cleaning/Maintenance Program

**Purpose:** It is necessary to clean wells periodically in order to unclog the well screen and well gravel pack to maintain their yield.

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	2022	2023	2024	2025	2026	2027
<b>Funding Requirements:</b>	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
<b>Planned Expenditures:</b>						
Personal Services	\$0	\$0	\$0	\$0	\$0	\$0
Expenses	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
<b>TOTAL:</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>

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**Justification:** In order to maintain the efficiency of our water supplies, the periodic cleaning and re-development of wells is required. This budget also provides for the cleaning, rehabilitation or replacement of well pumps as needed. The Wellesley Avenue wells were cleaned in FY18. The 4 Morses Pond wells were cleaned in FY16 and cleaned in FY19. The corroded well pumps were replaced at that time with stainless steel pumps. The Wellesley Ave well pumps were cleaned in FY21. The 4 Morses Pond wells are to be cleaned in FY22 and the Wellesley Ave wells are to be cleaned in FY23.

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**Lead Division:** Water

**Project Code:** 79330

**Date:** 12/2/2021



**Town of Wellesley**  
**Department of Public Works**  
**CAPITAL PROJECT PLANNING SHEET**

**Fiscal Year:** 2023  
**Project ID:** W1.2

**Project Name:** **Water Treatment Plant Upgrades**

**Purpose:** Upgrade treatment plant equipment as needed.

	2022	2023	2024	2025	2026	2027
<b>Funding Requirements:</b>	\$300,000	\$300,000	\$300,000	\$300,000	\$200,000	\$100,000
<b>Planned Expenditures:</b>						
Personal Services	\$0	\$0	\$0	\$0	\$0	\$0
Expenses	\$300,000	\$300,000	\$300,000	\$300,000	\$200,000	\$100,000
<b>TOTAL:</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$200,000</b>	<b>\$100,000</b>

**Justification:** The Water Treatment Plants were constructed in 1998 and will begin to require more significant equipment upgrades. Beginning in FY18 the Division began working with an engineering firm to develop an asset management plan for the water treatment plants. A portion of this funding has been used to develop this plan. Based on the recommendations and available funding the Division will begin to schedule and implement the planned equipment maintenance, repair, and replacement. In FY21 the obsolete modicon PLCs were upgraded to Allen Bradley PLCs. The aerator at the Morses Pond WTP was replaced in FY21. The aerator at the Wellesley Avenue WTP will be replaced in FY22. The raw and finished flow meters and the chemical feed pumps will be replaced at the Wellesley Ave and Longfellow WTPs in FY23, and other instrumentation at the Morses Pond WTP will be added for PFAS.

**Lead Division:** Water

**Project Code:** 79310

**Date:** 12/2/2021



**Town of Wellesley**  
**Department of Public Works**  
**CAPITAL PROJECT PLANNING SHEET**

**Fiscal Year:** 2023  
**Project ID:** W1.3

**Project Name:** PFAS Treatment Upgrade

**Purpose:** Treatment of PFAS at Morses Pond Wells

	2022	2023	2024	2025	2026	2027
<b>Funding Requirements:</b>	\$0	\$5,300,000	\$0	\$4,000,000	\$0	\$4,000,000
<b>Planned Expenditures:</b>						
Personal Services	\$0	\$0	\$0	\$0	\$0	\$0
Expenses	\$0	\$5,300,000	\$0	\$4,000,000	\$0	\$4,000,000
<b>TOTAL:</b>	<b>\$0</b>	<b>\$5,300,000</b>	<b>\$0</b>	<b>\$4,000,000</b>	<b>\$0</b>	<b>\$4,000,000</b>

**Justification:** The interim PFAS treatment system at the Morses Pond WTP will be constructed in FY22 and the long term treatment system if pursued, will be constructed in FY23. Additional funding in FY25 and FY27 is for potential PFAS mitigation at Rosemary Longfellow and Wellesley Avenue well fields.

**Lead Division:** Water

**Project Code:**

**Date:** 12/2/2021



**Town of Wellesley**  
**Department of Public Works**  
**CAPITAL PROJECT PLANNING SHEET**

**Fiscal Year:** 2023  
**Project ID:** W1.4

**Project Name:** **MWRA Connection Feasibility Study**

**Purpose:** Study to review possibility of adding new MWRA connection that could serve as a regional solution.

	2022	2023	2024	2025	2026	2027
<b>Funding Requirements:</b>	\$0	\$150,000	\$0	\$0	\$0	\$0
<b>Planned Expenditures:</b>						
Personal Services	\$0	\$0	\$0	\$0	\$0	\$0
Expenses	\$0	\$150,000	\$0	\$0	\$0	\$0
<b>TOTAL:</b>	<b>\$0</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Justification:** To address PFAS remediation and provide alternate solutions for future water supplies.

**Lead Division:** Water

**Project Code:**

**Date:** 12/2/2021



**Town of Wellesley**  
**Department of Public Works**  
**CAPITAL PROJECT PLANNING SHEET**

**Fiscal Year:** 2023  
**Project ID:** W2.1

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**Project Name:** **Hydrant Installation/Maintenance Program**

**Purpose:** To fill coverage gaps in the existing location of hydrants, as identified in the Water Distribution Study, to replace obsolete hydrants, and to repair hydrants as needed.

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	2022	2023	2024	2025	2026	2027
<b>Funding Requirements:</b>	\$0	\$70,000	\$70,000	\$70,000	\$70,000	\$70,000
<b>Planned Expenditures:</b>						
Personal Services	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
Expenses	\$0	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000
<b>TOTAL:</b>	<b>\$0</b>	<b>\$70,000</b>	<b>\$70,000</b>	<b>\$70,000</b>	<b>\$70,000</b>	<b>\$70,000</b>

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**Justification:** There are 1,300 hydrants in the system, which require periodic repair and eventual replacement. Replacement is typically required due to incidental damage or due to age, wear or failure. Periodic repair and replacement will be done with cleaning and lining.

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**Lead Division:** Water

**Project Code:** 79120

**Date:** 12/2/2021



**Town of Wellesley**  
**Department of Public Works**  
**CAPITAL PROJECT PLANNING SHEET**

**Fiscal Year:** 2023  
**Project ID:** W2.2

**Project Name:** **Distribution System Improvements**

**Purpose:** Distribution system improvements as identified in the Water Distribution Study.

	2022	2023	2024	2025	2026	2027
<b>Funding Requirements:</b>	<b>\$500,000</b>	<b>\$750,000</b>	\$750,000	\$750,000	\$750,000	\$750,000
<b>Planned Expenditures:</b>						
Personal Services	\$0	\$0	\$0	\$0	\$0	\$0
Expenses	\$500,000	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000
<b>TOTAL:</b>	<b>\$500,000</b>	<b>\$750,000</b>	<b>\$750,000</b>	<b>\$750,000</b>	<b>\$750,000</b>	<b>\$750,000</b>

**Justification:** The Water Division continues to implement its Amory Engineering Study of Distribution System Improvements. This Study has identified a program of water main additions, loop closings, replacements, and relining. In FY18 and FY19 the cast iron water mains on Standish Road, Martin Road, Cleveland Road, Linwood Road, Wedgewood Road, and Walnut Street were cleaned and cement lined. The cleaning and lining of the water mains in the Standish Area Neighborhood are planned for FY22. Also planned in FY22 is the cleaning and lining of Seaward Road, Fells Circle, and Regis Road. The replacement of a portion of the Oakland Street water main from Brookside Road to Sheridan Road, and the cleaning and Lining of Jackson Road and Oakland Street from Sheridan Road to Hunnewell Street are expected for FY23.

**Lead Division:** Water

**Project Code:** 79150

**Date:** 12/2/2021



**Town of Wellesley**  
**Department of Public Works**  
**CAPITAL PROJECT PLANNING SHEET**

**Fiscal Year:** 2023  
**Project ID:** W3.1

**Project Name:** **Meter Replacement/Maintenance**

**Purpose:** Testing and repair/replacement of large meters, replacement of smaller meters as required due to mechanical failures and/or resizing.

	2022	2023	2024	2025	2026	2027
<b>Funding Requirements:</b>	\$0	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000
<b>Planned Expenditures:</b>						
Personal Services	\$0	\$0	\$0	\$0	\$0	\$0
Expenses	\$0	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000
<b>TOTAL:</b>	<b>\$0</b>	<b>\$30,000</b>	<b>\$30,000</b>	<b>\$30,000</b>	<b>\$30,000</b>	<b>\$30,000</b>

**Justification:** Accurate metering promotes conservation and equitable cost allocation, and is critical to the operations of both the water and sewer programs. This funding provides for regular testing (and repair, if needed) of large meters (i.e., greater than 2 inch) and replacement of existing smaller meters as needed.

**Lead Division:** Water

**Project Code:** 79450

**Date:** 12/2/2021



**Town of Wellesley**  
**Department of Public Works**  
**CAPITAL PROJECT PLANNING SHEET**

**Fiscal Year:** 2023  
**Project ID:** W4.1

**Project Name:** **Water Vehicle & Equipment Replacement**

**Purpose:** To maintain the vehicles and equipment required to carry out the functions of the Water Division.

	2022	2023	2024	2025	2026	2027
<b>Funding Requirements:</b>	\$200,000	\$135,000	\$295,000	\$205,000	\$495,000	\$70,000
<b>Planned Expenditures:</b>						
Personal Services	\$0	\$0	\$0	\$0	\$0	\$0
Expenses	\$200,000	\$135,000	\$295,000	\$205,000	\$495,000	\$70,000
<b>TOTAL:</b>	<b>\$200,000</b>	<b>\$135,000</b>	<b>\$295,000</b>	<b>\$205,000</b>	<b>\$495,000</b>	<b>\$70,000</b>

**Justification:** The Water Division maintains 21 vehicles and 12 pieces of major equipment. The total current replacement value of the fleet (vehicles and equipment) is \$1,800,000. Three vehicle are scheduled for replacement in FY23. Two vehicle are scheduled for replacement in FY24.

**Lead Division:** Water

**Project Code:** 79990

**Date:** 12/2/2021



**Town of Wellesley**  
**Department of Public Works**  
**CAPITAL PROJECT PLANNING SHEET**

**Fiscal Year:** 2022  
**Project ID:** W5.1

**Project Name:** Building Maintenance

**Purpose:** Building Maintenance

	2022	2023	2024	2025	2026	2027
<b>Funding Requirements:</b>	\$30,000	\$60,000	\$30,000	\$30,000	\$30,000	\$30,000
<b>Planned Expenditures:</b>						
Personal Services	\$0	\$0	\$0	\$0	\$0	\$0
Expenses	\$30,000	\$60,000	\$30,000	\$30,000	\$30,000	\$30,000
<b>TOTAL:</b>	<b>\$30,000</b>	<b>\$60,000</b>	<b>\$30,000</b>	<b>\$30,000</b>	<b>\$30,000</b>	<b>\$30,000</b>

**Justification:** The Water Division maintains six pump station buildings, three water treatment plants and the Water/Sewer garage and office building. Funding for this program will be used to address major capital items identified in the Department's annual building maintenance inspection program. The Facilities Management Department is responsible for maintaining the Water and Sewer garage and office building. Though Water and Sewer Enterprise funds pay for these services. The obsolete vents through the WTP roofs will be removed and the roofs will be repaired in FY23.

**Lead Division:** Water

**Project Code:** 79510

**Date:** 12/2/2021



**Town of Wellesley**  
**Department of Public Works**  
**CAPITAL PROJECT PLANNING SHEET**

**Fiscal Year:** 2023  
**Project ID:** W6.1

**Project Name:** **General Capital Contingency**

**Purpose:** To provide funding for unexpected needs or cost adjustments.

	2022	2023	2024	2025	2026	2027
<b>Funding Requirements:</b>	\$0	\$0	\$0	\$0	\$0	\$0
<b>Planned Expenditures:</b>						
Personal Services	\$0	\$0	\$0	\$0	\$0	\$0
Expenses	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Justification:** The Water Division carries a capital contingency budget to provide for unexpected capital needs or cost adjustments. Additional contingency funds will be appropriated whenever the fund falls below the \$80,000 target.

**Lead Division:** Water

**Project Code:** 79999

**Date:** 12/2/2021



**Town of Wellesley**  
**Department of Public Works**  
**CAPITAL PROJECT PLANNING SHEET**

**Fiscal Year:** 2023  
**Project ID:** W6.2

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**Project Name:** **Reserve for Major Capital Expenditures**

**Purpose:** To accumulate funds over several years to smooth out the impact of major capital expenditures on the Water Program.

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	2022	2023	2024	2025	2026	2027
<b>Funding Requirements:</b>	\$0	\$0	\$0	\$0	\$0	\$0
<b>Planned Expenditures:</b>						
Personal Services	\$0	\$0	\$0	\$0	\$0	\$0
Expenses	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

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**Justification:** An established Reserve for Major Capital Expenditures will provide funds to smooth out the impact of major capital expenditures and provide a reserve for major emergency work if needed. This Reserve has a current balance of \$340,000.

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**Lead Division:** Water

**Project Code:** 79998

**Date:** 12/2/2021



**Town of Wellesley**  
**Department of Public Works**  
**CAPITAL PROJECT PLANNING SHEET**

**Fiscal Year:** 2023  
**Project ID:** W7.1

**Project Name:** **Principal - MWRA Local Pipeline Assistance Loan**

**Purpose:** Principal payments for MWRA Local Pipeline Assistance Loan.

	2022	2023	2024	2025	2026	2027
<b>Funding Requirements:</b>	<b>\$133,932</b>	<b>\$140,000</b>	<b>\$175,000</b>	<b>\$262,684</b>	<b>\$262,684</b>	<b>\$262,684</b>
<b>Planned Expenditures:</b>						
Personal Services	\$0	\$0	\$0	\$0	\$0	\$0
Expenses	\$133,932	\$140,000	\$175,000	\$262,684	\$262,684	\$262,684
<b>TOTAL:</b>	<b>\$133,932</b>	<b>\$140,000</b>	<b>\$175,000</b>	<b>\$262,684</b>	<b>\$262,684</b>	<b>\$262,684</b>

**Justification:** The MWRA Local Pipeline Assistance Program has provided the Town of Wellesley \$1,520,849 in zero interest loans for water line improvements, with principal payments due through FY23. Additionally, the MWRA has released a Local Water System Assistance Program which will provide Wellesley \$2,100,000 in zero interest loans for water line improvements, with principal payments due through FY30.

**Lead Division:** Water

**Project Code:**

**Date:** 12/2/2021



**Town of Wellesley**  
**Department of Public Works**  
**CAPITAL PROJECT PLANNING SHEET**

**Fiscal Year:** 2023  
**Project ID:** W7.2

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**Project Name:** **Principal - DPW Facility/Building Improvements**

**Purpose:** Principal payments for the Water Fund's share of Water/Sewer Garage and Office Facility.

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	2022	2023	2024	2025	2026	2027
<b>Funding Requirements:</b>	<b>\$165,000</b>	<b>\$162,500</b>	\$162,500	\$160,000	\$160,000	\$160,000
<b>Planned Expenditures:</b>						
Personal Services	\$0	\$0	\$0	\$0	\$0	\$0
Expenses	\$165,000	\$162,500	\$162,500	\$160,000	\$160,000	\$160,000
<b>TOTAL:</b>	<b>\$165,000</b>	<b>\$162,500</b>	<b>\$162,500</b>	<b>\$160,000</b>	<b>\$160,000</b>	<b>\$160,000</b>

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**Justification:** In 2009, \$3,250,000 was borrowed for the Water Division's share of a new Water/Sewer Garage and Office Facility, with principal payments due through FY28.

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**Lead Division:** Water

**Project Code:**

**Date:** 12/2/2021



**Town of Wellesley**  
**Department of Public Works**  
**CAPITAL PROJECT PLANNING SHEET**

**Fiscal Year:** 2023  
**Project ID:** W7.3

**Project Name:** **Principal - Water Supply Improvements**

**Purpose:** Principal payments for Water Supply Improvements Project.

	2022	2023	2024	2025	2026	2027
<b>Funding Requirements:</b>	\$130,000	\$130,000	\$0	\$0	\$0	\$0
<b>Planned Expenditures:</b>						
Personal Services	\$0	\$0	\$0	\$0	\$0	\$0
Expenses	\$130,000	\$130,000	\$0	\$0	\$0	\$0
<b>TOTAL:</b>	<b>\$130,000</b>	<b>\$130,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Justification:** In 2013 \$1,300,000 was borrowed for major improvements to the Morses Pond wellfield, with principal payments due through FY23.

**Lead Division:** Water

**Project Code:**

**Date:** 12/2/2021



**Town of Wellesley**  
**Department of Public Works**  
**CAPITAL PROJECT PLANNING SHEET**

**Fiscal Year:** 2023  
**Project ID:** W7.4

**Project Name:** **Principal - Meter Program**

**Purpose:** Principal payments for the Remote Read Meter Program

	2022	2023	2024	2025	2026	2027
<b>Funding Requirements:</b>	\$90,000	\$90,000	\$90,000	\$90,000	\$85,000	\$85,000
<b>Planned Expenditures:</b>						
Personal Services	\$0	\$0	\$0	\$0	\$0	\$0
Expenses	\$90,000	\$90,000	\$90,000	\$90,000	\$85,000	\$85,000
<b>TOTAL:</b>	<b>\$90,000</b>	<b>\$90,000</b>	<b>\$90,000</b>	<b>\$90,000</b>	<b>\$85,000</b>	<b>\$85,000</b>

**Justification:** This item is for Water Fund principal payments for funding of the Remote Read Meter Program.

**Lead Division:** Water

**Project Code:**

**Date:** 12/2/2021



**Town of Wellesley  
Department of Public Works  
VEHICLE REPLACEMENT PROFILE**

**Fiscal Year: 2023  
Project ID: I1**

**Unit: 11**

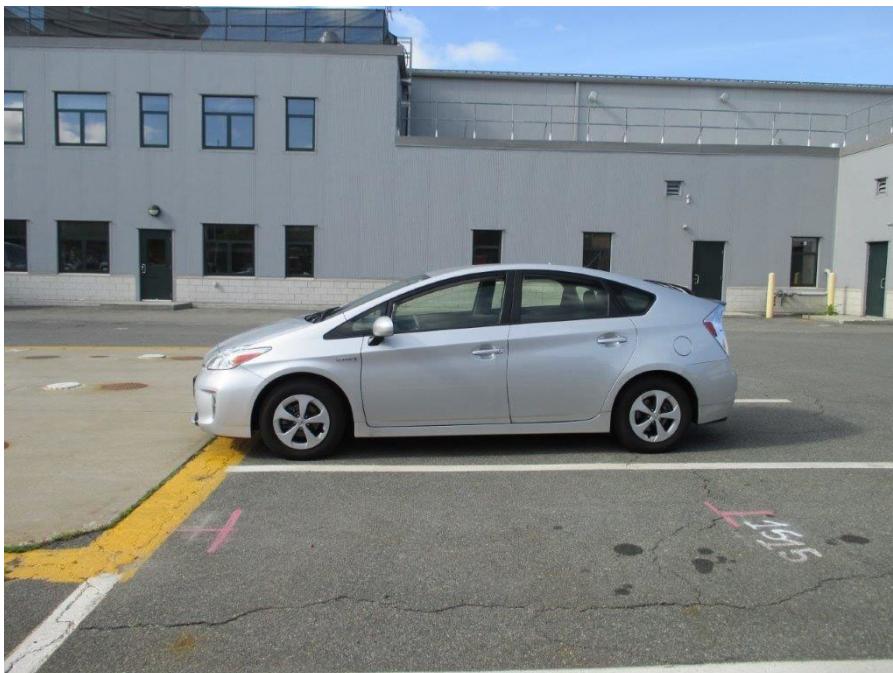
**Year/Make/Model: 2015 TOYOTA PRIUS**

**Division: Water and Sewer**

**Replacement Cost: \$35,000**

**Purpose: Superintendent**

**Replacement: Electric Vehicle**



<b>Class:</b>	<b>01 - Sedans</b>
<b>Age at Replacement:</b>	<b>8</b>
<b>Expected Life:</b>	<b>8</b>
<b>FY21 Usage Miles:</b>	<b>1,767</b>
<b>Current Mileage:</b>	<b>71,781</b>
<b>FY21 Downtime Hours:</b>	<b>9</b>
<b>FY21 Road Calls:</b>	<b>0</b>
<b>Parts Availability:</b>	<b>Good</b>
<b>Life to Date Repair Cost:</b>	<b>\$13,630</b>
<b>To Be Traded?:</b>	<b>Yes</b>
<b>Trade Value:</b>	<b>\$5,000</b>

**Background:** This vehicle is assigned to the Superintendent of the Water and Sewer Division for administrative duties such as inspecting the Town's sewer pumping stations, water treatment plants, capital projects and other maintenance and repair work around town. It is anticipated that an electric vehicle of similar class will replace this vehicle.



**Town of Wellesley**  
**Department of Public Works**  
**VEHICLE REPLACEMENT PROFILE**

**Fiscal Year:** 2023  
**Project ID:** I1

**Unit:** 119

**Year/Make/Model:** 2014 FORD F250

**Division:** Water and Sewer

**Replacement Cost:** \$70,000

**Purpose:** Station Truck

**Replacement:** Station Truck



<i>Class:</i>	04 - Light Trucks
<i>Age at Replacement:</i>	9
<i>Expected Life:</i>	8
<i>FY21 Usage Hours:</i>	2,055
<i>Current Hours:</i>	4,771
<i>FY21 Downtime Hours:</i>	17
<i>FY21 Road Calls:</i>	0
<i>Parts Availability:</i>	Good
<i>Life to Date Repair Cost:</i>	\$19,301
<i>To Be Traded?:</i>	No
<i>Trade Value:</i>	\$2,000

**Background:** This vehicle is used daily to haul/move supplies, tools and equipment required for the daily maintenance & operating of the various water treatment plants and sewage pumping stations. This vehicle plows during winter events. This vehicle will replace Unit 128 which is the other station truck.



**Town of Wellesley  
Department of Public Works  
VEHICLE REPLACEMENT PROFILE**

**Fiscal Year:** 2023  
**Project ID:** I1

**Unit:** 126

**Year/Make/Model:** 2014 FORD TRANSIT

**Division:** Water and Sewer

**Replacement Cost:** \$30,000

**Purpose:** Utility Van

**Replacement:** Electric or Hybrid



<b>Class:</b>	03 - Vans
<b>Age at Replacement:</b>	9
<b>Expected Life:</b>	8
<b>FY21 Usage Miles:</b>	1,729
<b>Current Mileage:</b>	14,096
<b>FY21 Downtime Hours:</b>	9
<b>FY21 Road Calls:</b>	0
<b>Parts Availability:</b>	Good
<b>Life to Date Repair Cost:</b>	\$5,027
<b>To Be Traded?:</b>	Yes
<b>Trade Value:</b>	\$3,000

**Background:** This vehicle is assigned to the cross connection program. It makes daily trips throughout town to survey cross connections, test backflow devices and change meters. It is anticipated that the current vehicle will be repurposed as the Fleet Parts Van and that an electric vehicle will be considered as an replacement for the Water Division.

**TOWN OF WELLESLEY DEPARTMENT OF PUBLIC WORKS**  
**SEWER ENTERPRISE FUND**  
**FY2023 BUDGET - SUBPROGRAM SUMMARY**

		<b>FY2019 Actual</b>	<b>FY2020 Actual</b>	<b>FY2021 Actual</b>	<b>FY2022 Plan</b>	<b>FY2023 Plan</b>	<b>FY2023 - FY2022 (\$)</b>	<b>FY2023 - FY2022 (%)</b>
<b>PERSONAL SERVICES</b>								
610	PUMPING	81,639	102,766	140,809	174,798	178,866	4,068	2.3%
620	COLLECTION SYSTEM	310,891	265,105	252,320	328,525	345,679	17,154	5.2%
962	ADMINISTRATION	288,034	308,831	299,346	292,587	300,037	7,450	2.5%
976	FACILITIES & GROUNDS				20,910	21,328	418	2.0%
940	CUSTOMER ACCOUNTS	50,842	50,044	56,704	61,710	63,240	1,530	2.5%
	<b>PERSONAL SERVICES TOTAL</b>	<b>731,406</b>	<b>726,745</b>	<b>749,178</b>	<b>878,530</b>	<b>909,150</b>	<b>30,620</b>	<b>3.5%</b>
<b>EXPENSES</b>								
610	PUMPING	108,592	159,994	164,667	167,499	161,211	(6,288)	-3.8%
620	COLLECTION SYSTEM:						-	
	Non-MWRA	117,438	121,284	136,321	183,872	199,792	15,920	8.7%
	MWRA	5,745,909	5,923,894	5,955,781	6,126,433	6,432,755	306,322	5.0%
962	ADMINISTRATION	158,201	159,983	179,049	189,662	175,540	(14,122)	-7.4%
	OPEB	16,500	16,500	16,500	16,500	16,500	-	0.0%
976	FACILITIES & GROUNDS	48,509	48,071	42,189	48,839	46,423	(2,416)	-4.9%
940	CUSTOMER ACCOUNTS	57,969	63,841	63,848	83,126	81,389	(1,737)	-2.1%
	<b>EXPENSES TOTAL</b>	<b>6,253,118.33</b>	<b>6,493,567</b>	<b>6,558,355</b>	<b>6,815,931</b>	<b>7,113,610</b>	<b>297,679</b>	<b>4.4%</b>
	<b>PERSONAL SERVICES &amp; EXPENSE TOTAL</b>	<b>6,984,525</b>	<b>7,220,312</b>	<b>7,307,533</b>	<b>7,694,461</b>	<b>8,022,760</b>	<b>328,299</b>	<b>4.3%</b>
<b>INTEREST, DEPRECIATION &amp; OTHER EXP</b>								
	DEPRECIATION	446,059	486,466	479,931	486,465	491,465	5,000	1.0%
	INTEREST EXPENSE	59,586	54,061	51,586	45,086	38,586	(6,500)	-14.4%
	<b>TOTAL</b>	<b>7,490,170</b>	<b>7,760,839</b>	<b>7,839,050</b>	<b>8,226,012</b>	<b>8,552,811</b>	<b>326,799</b>	<b>4.0%</b>

# WATER AND SEWER DIVISION

## FY2023 OPERATING BUDGET

### STAFFING PLAN

Position	Employee	FY23		FY22	FY23	Aboard 11/1	FY20	FY21	FY22	FY23	FY20	FY21	FY22	FY23	FY23- FY22(\$)	FY23- FY22(%)
		Group	Step	Rate	Rate		Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan
SUPERINTENDENT	SHAUGHNESSY, WILLIAM	61		56.10	<b>57.50</b>	1	1.00	1.00	1.00	<b>1.00</b>	112,796	115,175	117,134	<b>120,415</b>	3,281	2.8%
ASST SUPERINTENDENT	CONDON, MEGHAN	59		43.12	<b>44.20</b>	1	1.00	1.00	1.00	<b>1.00</b>	86,232	88,050	90,031	<b>92,282</b>	2,251	2.5%
PROJECT ENGINEER	HERNON, MATT	57		37.14	<b>38.07</b>	1	1.00	1.00	1.00	<b>1.00</b>	81,339	83,054	84,715	<b>86,833</b>	2,118	2.5%
GENERAL FOREMAN	FURDON, ROBERT	55/9		33.06	<b>44.33</b>	1	1.00	1.00	1.00	<b>1.00</b>	84,084	87,425	90,995	<b>92,561</b>	1,566	1.7%
GENERAL FOREMAN	ROGERS, DWIGHT	55/9		35.34	<b>44.33</b>	1	1.00	1.00	1.00	<b>1.00</b>	84,084	87,425	90,995	<b>92,561</b>	1,566	1.7%
OFFICE ADMINISTRATOR	CHISHOLM, SARAH	49/6		32.97	<b>33.88</b>	1	1.00	1.00	1.00	<b>1.00</b>	66,075	67,481	68,831	<b>70,734</b>	1,903	2.8%
FOREMAN A	FAHEY, GEORGE	20/7		28.74	<b>36.90</b>	1	1.00	1.00	1.00	<b>1.00</b>	69,910	72,691	75,565	<b>77,047</b>	1,482	2.0%
FOREMAN A	NAGLE, WILLIAM	20/7		28.74	<b>36.85</b>	1	1.00	1.00	1.00	<b>1.00</b>	69,803	72,587	75,460	<b>76,943</b>	1,483	2.0%
FOREMAN A	SNOW JR, WALTER	20/7		28.74	<b>36.90</b>	1	1.00	1.00	1.00	<b>1.00</b>	69,910	72,691	75,565	<b>77,047</b>	1,482	2.0%
LEAD TREATMENT OPERATOR	<b>FILLED AS PTO</b>	20/7		28.74	<b>35.59</b>	0	1.00	1.00	1.00	<b>1.00</b>	68,627	69,313	74,312	<b>75,798</b>	1,486	2.0%
PRIMARY WTR. TREAT. OP.	SMITH, CHRISTOPHER	18/7		26.41	<b>33.40</b>	1	1.00	1.00	0.00	<b>0.00</b>	63,111	65,091	0	<b>0</b>	0	0.0%
PRIMARY WTR. TREAT. OP.	ELD, MICHAEL	18/7		26.52	<b>33.95</b>	1	1.00	1.00	1.00	<b>1.00</b>	64,202	66,776	69,426	<b>70,888</b>	1,462	2.1%
PRIMARY WTR. TREAT. OP.	JONES, JOSEPH	18/7		26.41	<b>33.40</b>	1	1.00	1.00	1.00	<b>1.00</b>	63,111	65,711	68,361	<b>69,739</b>	1,378	2.0%
PRIMARY WTR. TREAT. OP.	LITCHFIELD, CHRISTOPHER	18/7		26.41	<b>33.40</b>	1	1.00	1.00	1.00	<b>1.00</b>	63,881	65,865	66,385	<b>69,739</b>	3,354	5.1%
METER FOREMAN	MACDONALD, MICHAEL	19/7		27.47	<b>35.32</b>	1	1.00	1.00	1.00	<b>1.00</b>	66,917	69,570	72,328	<b>73,748</b>	1,420	2.0%
METER CROSS CONN. TECH	SARDINA, THOMAS	17/7		25.11	<b>32.30</b>	1	1.00	1.00	1.00	<b>1.00</b>	61,059	63,623	66,148	<b>67,442</b>	1,294	2.0%
POWER SHOVEL OPER	EVANS, MATTHEW	17/7		25.11	<b>32.11</b>	1	1.00	1.00	1.00	<b>1.00</b>	60,738	63,226	65,751	<b>67,046</b>	1,295	2.0%
POWER SHOVEL OPER	FEELY, BENJAMIN	17/5		25.11	<b>29.24</b>	1	1.00	1.00	1.00	<b>1.00</b>	60,952	52,442	56,643	<b>61,049</b>	4,406	7.8%
STOCKMAN	CAMPANELLA, GREGORY	17/7		25.11	<b>32.21</b>	1	1.00	1.00	1.00	<b>1.00</b>	46,307	63,226	65,960	<b>67,254</b>	1,294	2.0%
WATER DISTB & SEWER SYS OPERA	CARRIGG, KEARNY	16/7		29.03	<b>29.31</b>	1	1.00	1.00	1.00	<b>1.00</b>	58,216	58,798	56,585	<b>61,199</b>	4,614	8.2%
WATER DISTB & SEWER SYS OPERA	<b>VACANT</b>	16/5		23.84	<b>27.64</b>	0	1.00	1.00	1.00	<b>1.00</b>	57,809	58,387	56,585	<b>57,712</b>	1,127	2.0%
WATER DISTB & SEWER SYS OPERA	<b>VACANT</b>	16/5		23.84	<b>27.64</b>	0	1.00	1.00	1.00	<b>1.00</b>	58,515	59,100	56,585	<b>57,712</b>	1,127	2.0%
WATER DISTB & SEWER SYS OPERA	<b>VACANT</b>	16/2		29.03	<b>23.78</b>	0	1.00	1.00	1.00	<b>1.00</b>	46,649	47,115	48,692	<b>49,653</b>	961	2.0%
WATER DISTB & SEWER SYS OPERA	<b>FILLED AS LABORER</b>	16/5		23.84	<b>27.64</b>	0	1.00	1.00	1.00	<b>1.00</b>	57,040	57,610	56,585	<b>60,615</b>	4,030	7.1%
TRUCK DRIVER & LABORER	MELIA, STEPHEN	15/7		23.84	<b>29.45</b>	1	1.00	1.00	1.00	<b>1.00</b>	55,757	58,015	60,301	<b>61,492</b>	1,191	2.0%
TRUCK DRIVER & LABORER	TUSLER, JOHN	15/7		22.78	<b>29.44</b>	1	1.00	1.00	1.00	<b>1.00</b>	50,049	50,571	51,270	<b>61,463</b>	10,193	19.9%
TRUCK DRIVER & LABORER	<b>VACANT</b>	15/7		22.78	<b>27.73</b>	0	1.00	1.00	1.00	<b>1.00</b>	55,244	57,514	60,009	<b>57,900</b>	-2,109	-3.5%
LABORER	FORTE, JEFFREY	11/7		19.19	<b>24.24</b>	1	1.00	1.00	1.00	<b>1.00</b>	46,714	48,674	50,613	<b>50,613</b>	0	0.0%
LABORER	KELLEY, PAUL	11/7		19.19	<b>24.39</b>	1	0.00	0.00	0.00	<b>0.00</b>	0	0	0	<b>0</b>	0	0.0%
<b>Division Total</b>				<b>23.00</b>	<b>28.00</b>	<b>28.00</b>	<b>27.00</b>	<b>27.00</b>	<b>27.00</b>	<b>1,829,131</b>	<b>1,887,206</b>	<b>1,871,830</b>	<b>1,927,485</b>	<b>55,655</b>	<b>3.0%</b>	
<b>Subtotals</b>																
Division Total before Management Pay Plan (MPP)					<b>20.00</b>	<b>25.00</b>	<b>25.00</b>	<b>24.00</b>	<b>24.00</b>	<b>1,548,764</b>	<b>1,600,927</b>	<b>1,579,950</b>	<b>1,627,955</b>	<b>48,005</b>	<b>3.0%</b>	
Management Pay Plan (MPP)					<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>280,367</b>	<b>286,279</b>	<b>291,880</b>	<b>299,530</b>	<b>7,650</b>	<b>2.6%</b>	
TEMPORARIES/SEASONAL				<b>17.00</b>	<b>17.47</b>					<b>47,352</b>	<b>48,536</b>	<b>49,507</b>	<b>50,497</b>	<b>990</b>	<b>2.0%</b>	
SCHEDULED OVERTIME				<b>25.76</b>	<b>43.56</b>					<b>213,435</b>	<b>235,829</b>	<b>235,829</b>	<b>240,545</b>	<b>4,716</b>	<b>2.0%</b>	
EMERGENCY OVERTIME				<b>25.76</b>	<b>43.56</b>					<b>104,695</b>	<b>115,680</b>	<b>115,680</b>	<b>117,993</b>	<b>2,313</b>	<b>2.0%</b>	
CHARGES FROM OTHER DIVISIONS										<b>753,342</b>	<b>772,176</b>	<b>741,898</b>	<b>760,445</b>	<b>18,547</b>	<b>2.5%</b>	
LONGEVITY - W/S										<b>700</b>	<b>800</b>	<b>800</b>	<b>800</b>	<b>0</b>	<b>0.0%</b>	
CHARGES FROM FMD				<b>29.24</b>	<b>29.24</b>					<b>37,996</b>	<b>41,000</b>	<b>41,820</b>	<b>42,656</b>	<b>836</b>	<b>2.0%</b>	
<b>PERSONAL SERVICES TOTAL</b>				<b>23.00</b>	<b>28.00</b>	<b>28.00</b>	<b>27.00</b>	<b>27.00</b>	<b>27.00</b>	<b>2,986,651</b>	<b>3,101,227</b>	<b>3,057,364</b>	<b>3,140,421</b>	<b>83,057</b>	<b>2.7%</b>	

**TOWN OF WELLESLEY DEPARTMENT OF PUBLIC WORKS**  
**SEWER ENTERPRISE FUND**  
**FY2023 BUDGET - COMPARATIVE INCOME STATEMENT**

	<b>FY2019 Actual</b>	<b>FY2020 Actual</b>	<b>FY2021 Actual</b>	<b>FY2022 Plan</b>	<b>FY2023 Plan</b>	<b>Variance Increase (Decrease)</b>	<b>% INC/DEC</b>
<b>OPERATING REVENUE:</b>							
Sewer Charges	7,232,713	7,326,480	7,880,145	7,778,944	8,070,418	291,474	3.7%
<i>Rate Adjustment - %</i>	0%	4%	4%	2%	4%		
Wellesley College Adjustment	556,883	516,821	615,844	516,821	516,821	0	0.0%
Other Revenue (Interest)	15,750	18,424	26,104	18,424	26,104	7,680	41.7%
<b>OPERATING REVENUES</b>	<b>7,805,346</b>	<b>7,861,725</b>	<b>8,522,093</b>	<b>8,314,189</b>	<b>8,613,343</b>	<b>299,154</b>	<b>3.6%</b>
<i>Units Sold (CCF)</i>	<i>784,538 CCF</i>	<i>775,740 CCF</i>	<i>809,700 CCF</i>	<i>771,000 CCF</i>	<i>771,000 CCF</i>		
<b>OPERATING EXPENSES:</b>							
Pumping	190,231	262,760	305,476	342,297	340,077	(2,220)	-0.6%
Collection System - MWRA Charges	5,745,909	5,923,894	5,955,781	6,126,433	6,432,755	306,322	5.0%
Collection System - Other Expenses	428,329	386,389	388,640	512,397	545,471	33,074	6.5%
Customer Accounts	108,811	113,885	120,552	144,836	144,629	(207)	-0.1%
Facilities and Grounds	48,509	48,071	42,189	69,749	67,751	(1,998)	-2.9%
Administrative & General	446,236	468,814	478,395	482,249	475,577	(6,672)	-1.4%
OPEB	16,500	16,500	16,500	16,500	16,500	0	0.0%
Depreciation	446,059	486,466	479,931	486,465	491,465	5,000	1.0%
<b>TOTAL OPERATING EXPENSES</b>	<b>7,430,584</b>	<b>7,706,778</b>	<b>7,787,464</b>	<b>8,180,926</b>	<b>8,514,225</b>	<b>333,299</b>	<b>4.1%</b>
<b>OPERATING INCOME</b>	<b>374,762</b>	<b>154,947</b>	<b>734,629</b>	<b>133,263</b>	<b>99,118</b>	<b>(34,145)</b>	<b>-25.6%</b>
<b>OTHER INCOME (EXPENSES):</b>	<b>(55,666)</b>	<b>(41,596)</b>	<b>(46,808)</b>	<b>(45,086)</b>	<b>(38,586)</b>	<b>6,500</b>	<b>-14.4%</b>
<b>CHANGE IN NET ASSETS</b>	<b>319,097</b>	<b>113,351</b>	<b>687,821</b>	<b>88,177</b>	<b>60,532</b>	<b>(27,645)</b>	<b>-31.4%</b>

**TOWN OF WELLESLEY DEPARTMENT OF PUBLIC WORKS**  
**SEWER ENTERPRISE FUND**  
**FY2023 BUDGET - COMPARATIVE STATEMENT OF CASH FLOW**

	<b>FY2019 Actual</b>	<b>FY2020 Actual</b>	<b>FY2021 Actual</b>	<b>FY2022 Plan</b>	<b>FY2023 Plan</b>
<b>CASH FLOWS FROM OPERATING ACTIVITIES:</b>					
Operating Income	374,762	154,947	734,629	133,263	99,118
<i>Adjustments To Reconcile Operating Income To Net Cash Provided By Operating Activities:</i>					
Depreciation & Amortization	446,059	486,466	479,931	486,465	491,465
Loss On Disposal Of Fixed Assets					
<i>Changes In Assets And Liabilities:</i>					
Adjustment - MWRA Plan to Actual					
Accounts Receivable - Customers (Increase)	(16,692)	(57,338)	35,712	0	0
Accounts Payable and accrued liabilities (Decrease)	0	0	0	0	0
<b>Total Adjustments</b>	<b>429,368</b>	<b>429,128</b>	<b>515,643</b>	<b>486,465</b>	<b>491,465</b>
<b>NET CASH PROVIDED BY OPERATING ACTIVITIES</b>	<b>804,130</b>	<b>584,075</b>	<b>1,250,272</b>	<b>619,728</b>	<b>590,583</b>
<b>CASH FLOWS FROM NON-CAPITAL FINANCING ACTIVITIES</b>					
Proceeds from non-operating activities	54,250	53,735	53,700	50,000	50,000
Proceeds for non-operating activities	(50,330)	(41,270)	(48,922)	(50,000)	(50,000)
Auditors' Changes in Fair Market Value of Investments					
Interest Paid	(59,586)	(54,061)	(51,586)	(45,086)	(38,586)
Interest Received					
<b>NET CASH - NON CAPITAL FINANCING ACTIVITIES</b>	<b>(55,666)</b>	<b>(41,596)</b>	<b>(46,808)</b>	<b>(45,086)</b>	<b>(38,586)</b>
<b>CASH FLOWS FROM CAPITAL &amp; RELATED FINANCING ACTIVITIES</b>					
Proceeds from BAN/Bond (DPW / Wtr / Swr Facility)					
Principal Payments (DPW / Wtr / Swr Facility)	(170,000)	(165,000)	(162,500)	(162,500)	(162,500)
Principal Payments on Sewer Improvement MWRA Loan	(91,707)	(91,707)	(91,707)	(104,982)	(104,982)
Capital Expenditures	(671,811)	(693,964)	(699,214)	(1,140,500)	(930,000)
Capital Expenditure Carry Forward	0	0	0	(1,935,452)	0
Contribution In Aid Of Construction	0	0	0	0	0
Federal and State Grant proceeds (MWRA Grant)	0	0	811,739	1,038,750	885,000
Federal and State Grant proceeds (MWRA Loan)	0	-	345,457	346,251	295,000
<b>NET CASH PROVIDED BY (USED FOR) CAPITAL &amp; RELATED FINANCING ACTIVITIES</b>	<b>(933,518)</b>	<b>(950,671)</b>	<b>203,775</b>	<b>(1,958,433)</b>	<b>(17,482)</b>
<b>NET INCREASE (DECREASE) IN CASH AND EQUIVALENTS</b>	<b>(185,054)</b>	<b>(408,192)</b>	<b>1,407,239</b>	<b>(1,383,791)</b>	<b>534,515</b>
Offset -- Set Aside to Capital Reserve					
<b>CASH AND EQUIVALENTS: BEGINNING OF FISCAL YEAR</b>	<b>3,566,703</b>	<b>3,381,649</b>	<b>2,973,457</b>	<b>4,380,695</b>	<b>2,996,904</b>
<b>CASH AND EQUIVALENTS: END OF FISCAL YEAR</b>	<b>3,381,649</b>	<b>2,973,457</b>	<b>4,380,695</b>	<b>2,996,904</b>	<b>3,531,419</b>

**TOWN OF WELLESLEY DEPARTMENT OF PUBLIC WORKS**  
**SEWER ENTERPRISE FUND**  
**FY2023 OPERATING BUDGET - COMPARATIVE STATEMENT OF FINANCIAL POSITION**

ASSETS	FY2019 Actual	FY2020 Actual	FY2021 Actual	FY2022 Projected
<b>CURRENT ASSETS:</b>				
Cash and Equivalents. & Short Term Investments				
On Deposit with Town Treasurer	\$ 3,381,649	\$ 2,973,455	\$ 4,380,695	\$ 2,996,904
Due to/Due from				
Accounts Receivable	\$ 688,310	\$ 745,648	\$ 709,935	\$ 709,935
<b>TOTAL CURRENT ASSETS</b>	<b>\$ 4,069,959</b>	<b>\$ 3,719,103</b>	<b>\$ 5,090,630</b>	<b>\$ 3,706,839</b>
<b>PROPERTY, PLANT &amp; EQUIPMENT:</b>				
Plant and collection system	\$ 27,347,523	\$ 27,986,854	\$ 28,579,425	\$ 29,717,569
Less accumulated depreciation	\$ (11,993,402)	\$ (12,479,868)	\$ (12,959,798)	\$ (13,446,263)
Net Property, Plant & Equipment	\$ 15,354,122	\$ 15,506,986	\$ 15,619,626	\$ 16,271,306
Construction Work In Progress	\$ 145,700	\$ 200,333	\$ 297,644	\$ 300,000
<b>TOTAL FIXED ASSETS</b>	<b>\$ 15,499,822</b>	<b>\$ 15,707,320</b>	<b>\$ 15,917,271</b>	<b>\$ 16,571,306</b>
<b>TOTAL ASSETS</b>	<b>\$ 19,569,780</b>	<b>\$ 19,426,423</b>	<b>\$ 21,007,901</b>	<b>\$ 20,278,145</b>
<b>LIABILITIES AND FUND EQUITY</b>				
<b>CURRENT LIABILITIES</b>				
Current Portion of MWRA Liability				
Current Portion of General Obligation Bond Liability	\$ 170,000	\$ 165,000	\$ 162,500	\$ 170,000
Accounts Payable	\$ 2,075	\$ 2,075	\$ 2,075	\$ 2,075
<b>TOTAL CURRENT LIABILITIES</b>	<b>\$ 172,075</b>	<b>\$ 167,075</b>	<b>\$ 164,575</b>	<b>\$ 172,075</b>
<b>LONG TERM DEBT</b>				
Long Term Portion of General Obligation Bond Liability	\$ 1,284,650	\$ 1,124,650	\$ 964,650	\$ 794,650
Long Term Portion of MWRA Liability	\$ 255,195	\$ 163,488	\$ 417,239	\$ 265,532
<b>TOTAL LONG TERM DEBT</b>	<b>\$ 1,539,845</b>	<b>\$ 1,288,138</b>	<b>\$ 1,381,889</b>	<b>\$ 1,060,182</b>
<b>TOTAL LIABILITIES</b>	<b>\$ 1,711,920</b>	<b>\$ 1,455,213</b>	<b>\$ 1,546,464</b>	<b>\$ 1,232,257</b>
<b>FUND EQUITY</b>				
NET ASSETS:				
Invested in capital assets, net of related debt	\$ 13,789,977	\$ 14,254,181	\$ 14,372,882	\$ 15,341,124
Total Contributed Capital	\$ 13,789,977	\$ 14,254,181	\$ 14,372,882	\$ 15,341,124
Retained Earnings - Reserved	\$ 546,485	\$ 514,171	\$ 194,655	\$ 514,171
Fund Balance Reserved - Cont. Approp.	\$ 1,988,630	\$ 2,216,616	\$ 2,159,070	\$ 258,969
Undesignated Fund Balance	\$ 1,532,769	\$ 986,241	\$ 2,734,830	\$ 2,931,624
<b>Retained Earnings</b>	<b>\$ 4,067,884</b>	<b>\$ 3,717,028</b>	<b>\$ 5,088,555</b>	<b>\$ 3,704,764</b>
<b>TOTAL FUND EQUITY</b>	<b>\$ 17,857,860</b>	<b>\$ 17,971,209</b>	<b>\$ 19,461,437</b>	<b>\$ 19,045,888</b>
<b>TOTAL LIABILITIES AND FUND EQUITY</b>	<b>\$ 19,569,780</b>	<b>\$ 19,426,423</b>	<b>\$ 21,007,901</b>	<b>\$ 20,278,145</b>

## Sewer Enterprise Fund -- 2023 Annual Town Meeting Motion

### Motion:

That the sum of \$10,334,808 be appropriated for the Sewer Enterprise Fund, to be expended as follows:

Salaries	\$ 909,150
Expenses (incl interest and all non-op exp)	\$ 7,185,696
OPEB	\$ 16,500
Depreciation	\$ 491,465
Capital Outlay	\$ 930,000
Debt	\$ 267,482
Emergency Reserve	\$ 534,515
<b>Total Authorized Use of Funds</b>	<b>\$ 10,334,808</b>

And that \$10,334,808 be raised as follows:

Department Receipts	\$ 9,843,343
Depreciation	\$ 491,465
Retained Earnings	\$ -
<b>Total Source of Funds</b>	<b>\$ 10,334,808</b>
	\$ 0

<b>Anticipated Sources and Uses of Funds</b>	<b>Sewer Budget Plan</b>	<b>Approp Request w/ Contingency</b>
<b>Sources</b>		
Sewer Fund Receipts		
Sewer Charges	\$ 8,070,418	
Wellesley College	\$ 516,821	
Other Charges	\$ 26,104	
Subtotal - Operating Revenues	\$ 8,613,343	\$ 8,613,343
Other Cash Sources		
Depreciation	\$ 491,465	
Non-Operating Income	\$ 50,000	
Interest Received	\$ -	
Contrib in Aid of Construction	\$ -	
Grant Proceeds	\$ 885,000	
Loan Proceeds	\$ 295,000	
Rate Stabilization	\$ -	
Contingency - From Available Cash		\$ 534,515
Subtotal - Other Sources of Cash	\$ 1,721,465	\$ 2,255,980
<b>Total Sources</b>	<b>\$ 10,334,808</b>	<b>\$ 10,869,323</b>
<b>Uses</b>		
Operating Expenses - Non MWRA & Depreciation	\$ 2,081,470	
Operating Expenses - MWRA Charges	\$ 6,432,755	
Contingency - 10% non-MWRA, 2% MWRA		\$ 336,802
Subtotal - Operating Expenses	\$ 8,514,225	\$ 8,851,027
Non-Operating Expenses (incl Interest)	\$ 88,586	
Contingency - 50%		\$ 77,965
Subtotal - Op & Non-Op Expenses	\$ 88,586	\$ 166,551
Capital Expenses & Debt Obligations		
Capital Outlay	\$ 930,000	
Expenditures of Contrib. in Aid of Construction	\$ -	
Debt (Principal)	\$ 267,482	
Contingency - 10%		\$ 119,748
Subtotal - Capital & Debt	\$ 1,197,482	\$ 1,317,230
<b>Total Uses</b>	<b>\$ 9,800,293</b>	<b>\$ 10,334,808</b>

## **SEWER – PROGRAM 460**

### **Program Objective**

To construct, operate and maintain the sanitary sewerage system in an effective and efficient manner to avoid pollution and protect the health and well being of the public.

The Town's sanitary sewerage system consists of a 135-mile collection system and 19 pumping and lift stations. The collection system is comprised of 102,293 linear feet of trunk lines, 32,193 linear feet of force mains, and 581,000 linear feet of lateral sewers.

#### ***610 - Pumping Subprogram***

The purpose of the Pumping subprogram is to operate and maintain the sewer pumping facilities and equipment to ensure adequate flow of Town sewage to the MWRA system.

Subprogram activities include the operation and maintenance of pumping stations, structures, and equipment. Specific activities include supervision of pumping station operations; operating pumps, motors and engines, and other auxiliary apparatus; operating control and protective equipment; operating valves; keeping plant logs and records; testing, checking and adjusting meters, gauges and other instruments; and maintaining structures and equipment.

The sanitary sewerage system has 19 pumping stations. Costs and materials associated with this subprogram include the cost of labor, purchased power, technical and professional services, allocated insurance and retirement costs, equipment use, and maintenance and repair supplies and materials.

#### ***620 - Collection System Subprogram***

The purpose of the Collection System sub program is to operate and maintain the collection system to ensure proper flow of Town sewage to the MWRA system.

Subprogram activities include the operation and maintenance of trunks, laterals, and house connections. Specific activities include: supervising the operation of trunks, laterals, and services; routine patrolling and inspecting manholes and structures; observing and recording flow; flushing and rodding trunks and laterals; maintaining trunks and laterals; supervising house connection work; testing and inspecting services; investigating and assessing customer service complaints including sewer rodding and maintenance services.

The collection system consists of 135 miles of trunks, force mains, and laterals. Costs and materials associated with this subprogram include the cost of labor, equipment use allocated insurance and retirement costs, MWRA operating and debt service assessments, and maintenance and repair supplies and chemicals.

### ***960 - Sewer Administration***

The purpose of the Sewer Administration subprogram is to manage and integrate resources in order to plan, design, construct, and operate an effective and efficient sanitary sewer program.

Subprogram activities include the managerial functions of planning, organizing, directing, budgeting, staffing, scheduling, and controlling the Wellesley Sewer program.

Costs and materials associated with this subprogram include the cost of administrative and general salaries, allocated retirement costs, office supplies and expenses, purchased services, damages, property insurance, conferences, and interest charges.

### ***940 - Sewer Customer Accounts Subprogram***

The purpose of the Sewer Customer Accounts subprogram is to provide and maintain an efficient and professional customer service system including billing and collection functions.

The Personal Services for this Subprogram are now Direct Charges. Subprogram activities include customer billing, record keeping and collection work, customer services, and informational activities.

The Customer Services staff utilizes the Town's computer facilities via on-line, remote terminals, local PCs for producing tailored management reports, a postage and mailing/stuffing machine, and a letter-opening machine. This equipment and Customer Services staff are shared with Water and Electric Customer Account subprograms. Costs and materials associated with carrying out subprogram activities include the cost of labor, equipment use, allocated insurance and retirement costs, postage and, mailing costs, data processing expenses, and office supplies.

### ***976 Facilities and Grounds Subprogram***

This subprogram operates and maintains the Water & Sewer garage, office and adjacent grounds. The main building contains approximately 24,000 square feet of offices, locker rooms, restrooms, workshops, inventory storage, equipment and vehicle storage areas. Starting in FY17, custodial services are now provided by the Town's Facilities Maintenance Department and paid for by Water & Sewer.

## ***Sewer Division Capital Program***

The Sewer Division Capital Program is intended to maintain and improve the infrastructure of the sewerage system to ensure the dependable operation of the system for the foreseeable future and avoid catastrophic failure of any part of the system.

Principal components of the program are:

- Maintenance and Repair of the Sewer Mains
- Pumping Station Improvements
- Repair and Replacement of Buildings and Vehicles

### ***Maintenance and Repair of Sewer Mains***

The biggest obstacles to the smooth operations of the Town's 130-mile sewer system are blockages and overloading of the system from infiltration and inflow. On an annual basis under this portion of the capital program, 10 miles of sewer are television inspected for leaks, breaks and blockages, the sewers are cleaned of roots or other blockages, joints are tested and sealed, and major breaks or collapses are repaired. A portion of this work is reimbursable from the MWRA's Infiltration and Inflow Financial Assistance Program.

The capital budget also makes provisions for funding repairs to the shared Newton-Wellesley sewer main, should such repairs be needed.

### ***Pumping Station Improvements***

The sewerage system relies on 19 sewer lift stations to move flow from various areas of town to the system's gravity flow mains. Seventeen of the stations are small ejector stations; the other two are larger pump stations. Many of the stations are approaching 40 years old. Under this portion of the capital program, one of these ejector stations will be rehabilitated or replaced every other year. Since FY05, five of these small ejector stations have been rehabilitated.

### ***Repair and Replacement of Buildings and Vehicles***

Repairs to buildings and replacement of vehicles are carried out on an as-needed basis to protect these valuable and critical assets of the Division.

## SEWER PROGRAM CAPITAL AND DEBT REPAYMENT: FY2023 PLAN

Program	Fund Code	FY2020 Funding	FY2021 Funding	FY2022 Funding	FY2023 Plan	FY2024 Plan	FY2025 Plan	FY2026 Plan	FY2027 Plan
<b>1. Maint &amp; Repair of Sewer Mains</b>									
1. Reconstruction/Repair of Sewer Main	S	205,000	0	225,500	300,000	300,000	300,000	300,000	300,000
2. Sewer System/Manhole Rehabilitation	S	320,000	320,000	800,000	500,000	500,000	500,000	500,000	500,000
3. Newton Shared Sewer Main Contingency	S	0	0	0	0	0	0	0	0
	<b>Subtotal</b>	<b>525,000</b>	<b>320,000</b>	<b>1,025,500</b>	<b>800,000</b>	<b>800,000</b>	<b>800,000</b>	<b>800,000</b>	<b>800,000</b>
<b>2. Pumping Station Improvements</b>									
1. Ejector Stations	S	50,000	300,000	50,000	50,000	300,000	50,000	300,000	50,000
	<b>Subtotal</b>	<b>50,000</b>	<b>300,000</b>	<b>50,000</b>	<b>50,000</b>	<b>300,000</b>	<b>50,000</b>	<b>300,000</b>	<b>50,000</b>
<b>3. DPW Facilities</b>									
1. Building Maintenance	S	0	0	0	80,000	0	0	0	0
	<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>80,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>4. Vehicle Replacement</b>									
1. Sewer Vehicle/Equipment Replacement	S	325,000	0	65,000	0	0	0	0	0
	<b>Subtotal</b>	<b>325,000</b>	<b>0</b>	<b>65,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>5. Debt Principal (interest shown in operating expenses)</b>									
1. Principal-MWRA Sewer Improvement Loan	S	121,707	160,798	104,983	104,983	98,591	98,591	98,591	98,591
2. Principal DPW Facility/Building Improvements	S	165,000	162,500	162,500	162,500	162,500	160,000	160,000	160,000
	<b>Subtotal</b>	<b>286,707</b>	<b>323,298</b>	<b>267,483</b>	<b>267,483</b>	<b>261,091</b>	<b>258,591</b>	<b>258,591</b>	<b>258,591</b>
<b>6. Contingency</b>									
1. General Capital Contingency	S	0	0	0	0	0	0	0	0
	<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL REQUIREMENTS</b>									
Sewer Program Totals (excluding debt principal)		900,000	620,000	1,140,500	930,000	1,100,000	850,000	1,100,000	850,000
<b>Sewer Program Totals (including debt principal)</b>		<b>1,186,707</b>	<b>943,298</b>	<b>1,407,983</b>	<b>1,197,483</b>	<b>1,361,091</b>	<b>1,108,591</b>	<b>1,358,591</b>	<b>1,108,591</b>



**Town of Wellesley**  
**Department of Public Works**  
**CAPITAL PROJECT PLANNING SHEET**

**Fiscal Year:** **2022**  
**Project ID:** **S1.1**

**Project Name:** **Reconstruction/Repair of Sewer Main**

**Purpose:** To reconstruct/repair sewer trunk mains and force mains as needed to prevent blockages and environmental damage.

	2022	2023	2024	2025	2026	2027
<b>Funding Requirements:</b>	<b>\$225,500</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>
<b>Planned Expenditures:</b>						
Personal Services	\$0	\$0	\$0	\$0	\$0	\$0
Expenses	\$225,500	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000
<b>TOTAL:</b>	<b>\$225,500</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>

**Justification:** The Grove Street sewer main was lined in FY20. Construction of the replacement of the Mica Lane sewer main is scheduled for FY22. The sewer trunk main that currently runs under Route 128 will be abandoned and the new main will be realigned to parallel the highway. The first section of the removal of the sewer under route 128 is scheduled for FY23. Future funding is a placeholder to provide for any major repair work identified during the annual inspection of sewer mains. The sewer videos from the contract with National Water Main are continuously reviewed to identify sections of sewer main in need of repair or replacement.

**Lead Division:** Sewer

**Project Code:** 69230

**Date:** 12/2/2021



**Town of Wellesley**  
**Department of Public Works**  
**CAPITAL PROJECT PLANNING SHEET**

**Fiscal Year:** 2023  
**Project ID:** S1.2

**Project Name:** **Sewer System/Manhole Rehabilitation**

**Purpose:** To rehabilitate sewer pipes and manholes as needed to maintain the sewer system.

	2022	2023	2024	2025	2026	2027
<b>Funding Requirements:</b>	\$800,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
<b>Planned Expenditures:</b>						
Personal Services	\$50,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000
Expenses	\$750,000	\$485,000	\$485,000	\$485,000	\$485,000	\$485,000
<b>TOTAL:</b>	<b>\$800,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>

**Justification:** The biggest obstacles to the smooth operations of the Town's 130-mile sewer system are blockages and overloading of the system from infiltration and inflow. On an annual basis under this portion of the capital program, 10 miles of sewer are television inspected for leaks, breaks and blockages, the sewers are cleaned of roots or other blockages, and major breaks or collapses are repaired. FY23 work will be prioritized based on the Weston & Sampson I/I study which will include CIPP sewer lining and smoke testing. A portion of this work is reimbursable from the MWRA's Infiltration and Inflow Financial Assistance Program.

**Lead Division:** Sewer

**Project Code:** 69220

**Date:** 12/2/2021



**Town of Wellesley**  
**Department of Public Works**  
**CAPITAL PROJECT PLANNING SHEET**

**Fiscal Year:** 2023  
**Project ID:** S1.3

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**Project Name:** **Newton Shared Sewer Main Contingency**

**Purpose:** To provide funding for the Town of Wellesley's portion of the shared Newton Sewer Main.

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	2022	2023	2024	2025	2026	2027
<b>Funding Requirements:</b>	\$0	\$0	\$0	\$0	\$0	\$0
<b>Planned Expenditures:</b>						
Personal Services	\$0	\$0	\$0	\$0	\$0	\$0
Expenses	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

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**Justification:** The Town of Wellesley and the City of Newton share the use, and the upkeep, of a sewer main through Newton. About one fifth of Wellesley's sewage flows through this shared line on a daily basis. This is a contingency budget to provide Wellesley's portion when repairs are needed on the shared main. The Sewer Fund's financial plan calls for \$100,000 to be held aside to be available for any needed work. Future appropriation requests will be made whenever the reserve fund is drawn down. The City of Newton repaired a portion of the shared sewer line (the Farlow Hill section) in FY08. Wellesley's share of the work was approximately \$168,000.

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**Lead Division:** Sewer

**Project Code:** 69500

**Date:** 12/2/2021



**Town of Wellesley**  
**Department of Public Works**  
**CAPITAL PROJECT PLANNING SHEET**

**Fiscal Year:** 2023  
**Project ID:** S2.1

**Project Name:** **Ejector Stations**

**Purpose:** Evaluate, design & reconstruct existing ejector stations.

	2022	2023	2024	2025	2026	2027
<b>Funding Requirements:</b>	\$50,000	\$50,000	\$300,000	\$50,000	\$300,000	\$50,000
<b>Planned Expenditures:</b>						
Personal Services	\$0	\$0	\$0	\$0	\$0	\$0
Expenses	\$50,000	\$50,000	\$300,000	\$50,000	\$300,000	\$50,000
<b>TOTAL:</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$300,000</b>	<b>\$50,000</b>	<b>\$300,000</b>	<b>\$50,000</b>

**Justification:** The Sewer Division operates 19 sewer stations including 7 ejector stations, 10 small pump stations, and 2 large pump stations. The ejector and small stations serve small neighborhoods, typically fewer than two dozen homes. Many of the ejector stations are approaching 40 years in age. Weston and Sampson Engineers, Inc. completed a study including the prioritized rehabilitation and /or replacement of the ejector and small stations. This recurring program provides design funds in one year followed by construction funds in the next year. Greylock Station was replaced in FY04, Shore Road Station and the DPW Highway Station were completed in FY08/09, Stonecleve Road was completed in FY11, Pickerel Road was completed in FY13, and the Sabrina Farm Station was completed in FY16. The Lake Road ejector will be constructed in FY22. Due to its proximity to Morses Pond, special construction techniques may lead to increased construction costs. The design of the College Road ejector station will be completed in FY22 with construction planned in FY23. The design of Fisher Avenue ejector station is planned for in FY23.

**Lead Division:** Sewer

**Project Code:** 69335

**Date:** 12/2/2021



**Town of Wellesley**  
**Department of Public Works**  
**CAPITAL PROJECT PLANNING SHEET**

**Fiscal Year:** 2023  
**Project ID:** S3.2

**Project Name:** **Building Maintenance**

**Purpose:** To make appropriate repairs to Sewer Division facilities as identified in the DPW's annual building maintenance and inspection program.

	2022	2023	2024	2025	2026	2027
<b>Funding Requirements:</b>	\$0	\$80,000	\$0	\$0	\$0	\$0
<b>Planned Expenditures:</b>						
Personal Services	\$0	\$0	\$0	\$0	\$0	\$0
Expenses	\$0	\$80,000	\$0	\$0	\$0	\$0
<b>TOTAL:</b>	<b>\$0</b>	<b>\$80,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Justification:** The Sewer Division maintains two sewer pump station buildings. The humidity associated with the operations of the pump stations is particularly hard on the interiors of the buildings. Funding for this program will be used to address major capital items identified in the Department's annual building maintenance inspection program. Smaller items will be paid for out of the Sewer Operating Budget. The backup generator at the Dale Street sewer station will be replaced in FY23.

**Lead Division:** Sewer

**Project Code:** 69510

**Date:** 12/2/2021



**Town of Wellesley**  
**Department of Public Works**  
**CAPITAL PROJECT PLANNING SHEET**

**Fiscal Year:** 2023  
**Project ID:** S4.1

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**Project Name:** **Sewer Vehicle/Equipment Replacement**

**Purpose:** To maintain the vehicles and equipment required to carry out the functions of the Sewer Division.

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	2022	2023	2024	2025	2026	2027
<b>Funding Requirements:</b>	\$65,000	\$0	\$0	\$0	\$0	\$0
<b>Planned Expenditures:</b>						
Personal Services	\$0	\$0	\$0	\$0	\$0	\$0
Expenses	\$65,000	\$0	\$0	\$0	\$0	\$0
<b>TOTAL:</b>	<b>\$65,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

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**Justification:** The Sewer Division maintains 5 vehicles with a total current replacement value of \$473,000.

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**Lead Division:** Sewer

**Project Code:** 69990

**Date:** 12/2/2021



**Town of Wellesley**  
**Department of Public Works**  
**CAPITAL PROJECT PLANNING SHEET**

**Fiscal Year:** 2023  
**Project ID:** S6.1

**Project Name:** **Principal-MWRA Sewer Improvement Loan**

**Purpose:** Principal payments for MWRA sewer improvement loan.

	2022	2023	2024	2025	2026	2027
<b>Funding Requirements:</b>	<b>\$104,983</b>	<b>\$104,983</b>	\$98,591	\$98,591	\$98,591	\$98,591
<b>Planned Expenditures:</b>						
Personal Services	\$0	\$0	\$0	\$0	\$0	\$0
Expenses	\$104,983	\$104,983	\$98,591	\$98,591	\$98,591	\$98,591
<b>TOTAL:</b>	<b>\$104,983</b>	<b>\$104,983</b>	<b>\$98,591</b>	<b>\$98,591</b>	<b>\$98,591</b>	<b>\$98,591</b>

**Justification:** The MWRA Sewer Local Financial Grant Assistance Program has provided the Town of Wellesley over \$1.6M in zero interest loans and \$1.1m in grant funding since 1994, with principal payments for recent projects due through FY20 and projected projects due through FY29.

**Lead Division:** Sewer

**Project Code:**

**Date:** 12/2/2021



**Town of Wellesley**  
**Department of Public Works**  
**CAPITAL PROJECT PLANNING SHEET**

**Fiscal Year:** 2023  
**Project ID:** S6.2

**Project Name:** **Principal DPW Facility/Building Improvements**

**Purpose:** Principal payments for Sewer Fund share of Water/Sewer Garage and Office Facility.

	2022	2023	2024	2025	2026	2027
<b>Funding Requirements:</b>	<b>\$162,500</b>	<b>\$162,500</b>	\$162,500	\$160,000	\$160,000	\$160,000
<b>Planned Expenditures:</b>						
Personal Services	\$0	\$0	\$0	\$0	\$0	\$0
Expenses	\$162,500	\$162,500	\$162,500	\$160,000	\$160,000	\$160,000
<b>TOTAL:</b>	<b>\$162,500</b>	<b>\$162,500</b>	<b>\$162,500</b>	<b>\$160,000</b>	<b>\$160,000</b>	<b>\$160,000</b>

**Justification:** In 2009, \$3,250,000 was borrowed for the Sewer Division's share of a new Water/Sewer Garage and Office Facility, with principal payments due through FY28.

**Lead Division:** Sewer

**Project Code:**

**Date:** 12/2/2021



**Town of Wellesley**  
**Department of Public Works**  
**CAPITAL PROJECT PLANNING SHEET**

**Fiscal Year:** 2023  
**Project ID:** S5.1

**Project Name:** **General Capital Contingency**

**Purpose:** To provide funding for unexpected needs or cost adjustments.

	2022	2023	2024	2025	2026	2027
<b>Funding Requirements:</b>	\$0	\$0	\$0	\$0	\$0	\$0
<b>Planned Expenditures:</b>						
Personal Services	\$0	\$0	\$0	\$0	\$0	\$0
Expenses	\$0	\$0	\$0	\$0	\$0	\$0
<b>TOTAL:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Justification:** The Sewer Division carries a capital contingency budget to provide for unexpected capital needs or cost adjustments. Additional contingency funds will be appropriated whenever the fund falls below the \$80,000 target.

**Lead Division:** Sewer

**Project Code:** 69999

**Date:** 12/2/2021