

# Public Facilities Committee Report City of Newton In City Council

### Wednesday, November 28, 2018

**Present:** Councilors Crossley (Chair), Leary, Norton, Kelley, Danberg, Laredo, Lappin, Downs

**City Staff Present:** Chief Financial Officer Maureen Lemieux, Chief Operating Officer Jonathan Yeo, Associate City Engineer John Daghlian, Commissioner of Public Works Jim McGonagle, City Engineer Lou Taverna

### **Referred to Public Facilities and Finance Committees**

### **#541-18** Amendments to the Stormwater Use Charge Ordinance

<u>HER HONOR THE MAYOR</u> requesting Chapter 29, Section 120 (a) **Stormwater Use Charge** of the City of Newton Revised Ordinance, 2017 be amended by deleting the current rate structure and replacing it with the following effective July 1, 2019:

Every owner of property in the city shall pay a charge for use of public main drains and stormwater facilities, which shall be based on the following annual rates. Such charge shall be billed quarterly:

1. 1-4 family dwellings

\$100.00

2. All other properties: \$0.0425 per square foot of impervious surface area, except that if the square footage charge multiplied by the total impervious area of the parcel equals a sum less than \$150.00, then the annual fee shall be \$150.00.

Action: Public Facilities Approved 7-0

Note: Chief Financial Officer Maureen Lemieux presented details of the proposed changes to Chapter 29, Section 120 of the City's ordinance as it relates to stormwater use charges. Her presentation is attached. Ms. Lemieux explained that approximately ten years ago, Newton was one of the first municipalities to implement a stormwater fee. In 2015, the City changed the stormwater fees from \$25 to \$75 per year for residential properties and established a tiered sytem for charging stormwater fees based on impervious surface on an individual parcel for non-residential (industrial, commercial and those containing more than 5 residential units) properties. The minimum annual fee was set at \$150., the maximum was capped at \$5,000. When the rate structure the rate structure was deliberated in 2015, many Councilors expressed concern that the tiered structure for non-residential properties was inequitable.

This past summer the administration has been working to create a linear system where non-residential entities would pay a stormwater use fee that corresponds directly to the square footage of impervious surface on a parcel. Ms. Lemieux noted that in order to increase the investment in stormwater infrastructure as well as comply with National Pollutant Discharge Elimination System (NPDES) water quality requirements, additional revenue must be generated in the stormwater fund.

### STORMWATER FUND

The administration first conducted an analysis of the 10-year plan for stormwater system infrastructure repair and maintenance. While the City Stormwater infrastructure improvement (SIIP) plan is specified clearly through 2024, efforts beginning in 2025 have not yet been fully established, and that additional investments must be made in the SIIP. CFO Lemieux confirmed that the City's ten-year sewer rehabilitation plan is on track to be completed in 2024. While ongoing investments will be made in the sewer system, it is likely that some of the annual \$4.6 million allotment can then be reallocated to the water program. Ms. Lemieux explained that the expenditure forecast includes escalation of salaries, pension, materials, contractors as well as 3 additional FTEs to support the stormwater program. She stated that the City had decided and intends to increase the combined water/sewer/stormwater rates by no more than 3.9% annually. When evaluating whether the City can maintain the capital plan and stay within the 3.9% annual increase, Ms. Lemieux stated that she is confident that the ten-year plan will be successful and noted that there are healthy reserves in the water and sewer accounts. Additionally, she noted that the sewer infrastructure improvements are being reflected in lower assessments from the MWRA.

### **DATA POINTS**

Ms. Lemieux noted that residential properties account for 1.75 million sq. ft of impervious area representing 62% and non-residential properties account for 1.1 million sq. ft. of impervious surface representing 39% (total impervious surface of non-residential properties was mapped across the City by Weston & Sampson from the most recent aerial photography). Currently, due to the artificial cap imposed, the tiered stormwater fees decrease per square foot impervious are – as the amount of impervious area on a property increases. Knowing that the City must increase rates in order to generate additional revenue, the proposed ordinance includes an increase of residential fees from \$75 to \$100 annually. For non-residential properties, the administration proposes to charge 4.25 cents per sq. ft. of impervious area for properties greater than 3,530 sq. ft. Properties with less than 3,530 sq. ft. would pay A minimum \$150 fee. Under the proposed fee structure, many of the smaller non-residential properties would be paying less than they paid in previous years, while the largest parcels in the City would pay more than previous years. Ms. Lemieux demonstrated how the linear structure results in commercial properties paying a fee that reflects the propeties' percentage of impervious surface within the City. It was noted that 9.9 percent of impervious surface area is City-owned and is paid for out of the General Fund. Committee members asked the following questions.

Q: How is the City rewarding commercial properties that maintain a significant amount of land to mitigate stormwater conditions?

A: Non-residential property owners can apply for an up to 25% discount if they can demonstrate that they have a compliant stormwater retention system. This was changed when the stormwater ordinance was last amended from a 75% to 25%.

The Chair noted that the draft Zoning Ordinance has specific regulations with regard to stormwater and drainage. Additionally, developers have been required to provide stormwater management only for the difference between existing impervious surface and new, (major developments requesting special permits have more recently been asked to design a system that can retain 100% in a 100-year storm condition).

Q: Can you consider a linear fee model for residential propertites?

A: We looked in depth at the possibility of doing this, but we don't have data on the total impervious square footage ON residential properties. While there are 1,000 commercial accounts, there are 23,000 residential accounts. If we decide to go in that direction in the future, we would have to evaluate the impervious area on each property.

Q: How are we doing in comparison to other communities?

A: Newton was leading the way years ago and they still are. There only three other communities that are considering this and they are implementing flat rates.

Q: Have we investigated education about the value of decreasing impervious surface?

A: Its something weve looked at. As we continue to develop a stormwater team, education is something we can build.

Q: Should the City pay itself a stormwater fee?

A: We pay the City's portion of impervious suface (9.9%) out of the general fund. If we are not paying our portion, the funds would have to allocated elsewhere.

Q: Is there a plan for addressing the funds lost due to the 25% discount for commericial properties?

A: We don't need \$3.9 million dollars in revenue for next year. We will change the rates this year but there is time to make additional adjustments in case more properties apply for rebates.

Q: Can we make improvements to catch basins, etc. to prevent contaminants from getting into the Charles River? Will we have additional resources to make additional improvements? Do you expect to see additional improvements in the next few years?

A: Street sweeping is one of the greatest improvements we can make to reduce the amount of phosphorus and nitrogen in the City's stormwater. We've enhanced the street sweeping program and will purchase vacuum sweepers as well as deep sum catch basins to help retain additional matter. We've committed in the capital plan to purchasing a new sweeper every year.

Committee members were supportive of the proposed ordinance amendment and commended the efforts made to analyze different options for the fee structure. With a motion from Councilor Kelley to approve the item, Committee members unanimously voted to in favor of approval of the proposed rates.

### **Referred to Public Facilities and Finance Committees**

#512-18 Increase the fee for utility grants of location other than wireless facilities

<u>COUNCILORS CROSSLEY AND GENTILE</u>, on behalf of the Public Facilities and Finance Committees, requesting ordinance amendments to Chapter 17 of the City of Newton Revised Ordinance, 2017 to increase the fees for utility grants of locations other than wireless communications facilities.

Action: <u>Public Facilities Held 7-0</u>

**Note:** Commissioner of Public Works Jim McGonagle stated that fee for grants of location is \$35 but noted that the work associated with the permitting (site visit, analysis, hearing) is closer to \$100. The Commissioner confirmed that DPW will evaluate the department's fees to determine whether other fee increases are necessary and will submit a clear recommendation for the Committee's review. Councilor Danberg motioned to hold the item which carried unanimously.

**Chairs Note:** The Committee will receive an update on matters relating to regulating wireless attachments on poles in the public way; application forms, batch application fees, licensing of City light poles and other impacts from the new FCC regulations.

Note: The Chair noted that the Federal Communications Commission (FCC) promulgated new rules relative to wireless attachments in the public way in late September 2018. One component of the new law is a cap on the fee for wireless attachments in the public way of \$500 for up to five locations. The Public Facilities Committee recommended a fee of \$500 per location which was raised by the Finance Committee to \$750 per location, in early September. The Finance Committee raised the fee to reflect the City's estimated costs. Given the FCC's ruling relative to a reasonable fee; the City must choose whether to decrease the amended fee or demonstrate that the City is using \$750 to analyze each petition. Commissioner McGonagle noted that the cost of analysis will vary based on the different locations and confirmed that the department has not been tracking hours for individual jobs. Some Committee members expressed a desire to maintain the \$750 fee and demonstrate the expense to the City as we proceed. It was noted that failure to demonstrate the expense of \$750 and/or lower the fee to the FCC's recommendation could result in litigation. Committee members shared a desire to have the Law Department and DPW provide a clear overview of the potential issues with the ordinance.

The procedures and standards adopted this past summer are guidelines and do not need to eb changed, however, the Chair noted that at this time the application form that correlates with the guidelines is not yet signed off and available to the Clerk's office to distribute to petitioners. The Commissioner confirmed that the department will review the redrafted application form and provide comments, where necessary. It was additionally noted that the City may not restrict wireless attachments differently than other utility attachments. Chief Operations Officer Jonathan Yeo confirmed that the City does not want to overly restrict wireless companies as public safety officials remain concerned about inadequate coverage and the ability to improve communications. The FCC regulations also require the City to offer licensing of City owned poles but limits the annual rental fee to \$270 for a single location. It was agreed that the subcommittee will meet with the administration as soon as possible to sort out these outstanding issues and return to the Committee early in the new year.

The Committee adjourned at 8:35 pm.

Respectfully submitted,

**Deborah Crossley** 

# Stormwater Rate Restructuring Proposal

November 28, 2018

### **Stormwater Capital Projects**

Maturity	Year	Project		Original	Maturity	Year	Project	Original
20	2016	Dedham St. Storm Drainage Improvement	\$	725,000.00	15	2023	Laundry Brook Culvert-Hull street to Bridges Avenue	\$ 750,000.0
20	2017	Laundry Brook Drainage	\$	2,425,000.00	10	2024	DPW Sweeper 2024	\$ 250,000.
10	2017	DPW Sweeper	\$	197,800.00	15	2024	Cheesecake Brook Roadway Culvert Crossings	\$ 750,000.
10	2019	DPW Sweeper 2019	\$	250,000.00	15	2024	Laundry Brook Culvert Parkview Ave. to Mass Pike	\$ 650,000
15	2019	Hammond Brook Pipe replacement	\$	500,000.00	10	2025	DPW Sweeper 2025	\$ 250,000
15	2019	Rehabilitation of the Forest Grove Pump Station	\$	338,000.00	15	2025	Α	\$ 700,000
15	2019	South Meadow Brook Culvert 1	\$	250,000.00	15	2025	В	\$ 200,000
15	2020	Bullough's Pond Dam Repair	\$	500,000.00	10	2026	DPW Sweeper 2026	\$ 250,000
10	2020	DPW Sweeper 2020	\$	250,000.00	15	2026	С	\$ 500,000
15	2020	South Meadow Brook Culvert 2	\$	500,000.00	15	2026	D	\$ 250,000
15	2020	Cheesecake Brook-Comm. Ave to 1600 Washington St	\$	550,000.00	10	2027	DPW Sweeper 2027	\$ 250,000
10	2021	DPW Sweeper 2021	\$	250,000.00	10	2027	Vactor	\$ 250,000
15	2021	City Hall Ponds	Ś	500,000.00	15	2027	E	\$ 400,000
15	2021	Elliot & Crafts Street DPW Operations Yard	Ś	800,000.00	15	2027	F	\$ 420,000
15	2021	Cheesecake Brook - 1600 Washington - Watertown St 1	Ś	200,000.00	10	2028	DPW Sweeper 2028	\$ 250,000
	2022	Vactor	Ś	250,000.00	15	2028	G 	\$ 350,000
	2022	DPW Sweeper 2022	Ś	250,000.00	15	2028	H	\$ 500,000
	2022	Cheesecake Brook - 1600 Washington - Watertown St 2	Ś	700,000.00	10	2029	DPW Sweeper 2029	\$ 250,000
	2022	Cheesecake Brook-Watertown Street to Charles River 1	Ś	725,000.00	15	2029 2029		\$ 345,000
	2022	DPW Sweeper 2023	ç	250,000.00	15	2029	DDW Swaanar 2020	\$ 275,000
	2023	Cheesecake Brook-Watertown Street to Charles River 2	Ś	725,000.00	10 15	2030	DPW Sweeper 2030 K	\$ 250,000 500,000

Sewer Capital Pr	rojects
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Maturity	Year	Project	Original	Maturity	Year	Project	Original
		MWRA Sewer - Interest Free	\$ 575,300.00	15	2020	Sewer Inflow/Infiltration Project - Area 9 (Year 1)	\$ 670,000.00
		MWRA Sewer - Interest Free	\$ 1,262,800.00	15	2021	Sewer Inflow /Infiltration Project - Area 6 (Year 2)	\$ 30,000.00
		MWRA Sewer - Interest Free	\$ 917,000.00	15	2021	Sewer Inflow/Infiltration Project - Area 8 (Year 3)	\$ 293,000.00
		MWRA Sewer - Interest Free	\$ 917,000.00	15	2021	Sewer Inflow/Infiltration Project - Area 9 (Year 2)	\$ 207,000.00
		MWPAT Sewer I&I	\$ 6,512,433.00	15	2021	Sewer Inflow/Infiltration Project - Area 10 (Year 1)	\$ 670,000.00
		MWPAT Sewer I&I	\$ 7,772,625.00	10	2022	Vactor	\$ 250,000.00
		MWPAT Sewer I&I	\$ 120,584.00	15	2022	Sewer Inflow /Infiltration Project - Area 7 (Year 3)	\$ 30,000.00
		Sewer Improvements	\$ 2,277,000.00	15	2022	Sewer Inflow/Infiltration Project - Area 9 (Year 3)	\$ 3,693,000.00
		Sewer I&I Removal	\$ 4,239,442.00	15	2022	Sewer Inflow/Infiltration Project - Area 10 (Year 2)	\$ 207,000.00
		Eliot St Water Bldg Masonry Repairs	\$ 73,500.00	15	2022	Sewer Inflow/Infiltration Project - Area 11 ( Year 1)	\$ 670,000.00
		Sewer Vehicle	\$ 400,000.00	15	2023	Sewer Inflow/Infiltration Project - Area 8 (Year 4)	\$ 30,000.00
15	2019	Sewer Inflow /Infiltration Project - Project Area 3&4	\$ -	15	2023	Sewer Inflow/Infiltration Project - Area 10 (Year 3)	\$ 3,693,000.00
15	2019	Sewer Inflow/ Infiltration Project - Area 5 (Year 1)	\$ -	15	2023	Sewer Inflow/Infiltration Project - Area 11 ( Year 2)	\$ 207,000.00
15	2019	Sewer Inflow /Infiltration Project - Area 6 ( Year 1)	\$ 2,000,000.00	15	2024	Sewer Inflow/Infiltration Project - Area 9 (Year 4)	\$ 30,000.00
15	2019	Sewer Inflow /Infiltration Project - Area 7 (Year 1)	\$ -	15	2024	Sewer Inflow/Infiltration Project - Area 11 ( Year 3)	\$ 3,693,000.00
15	2019	Prairie Avenue Sewer Pump Station	\$ -	15	2025	Α	\$ 4,600,000.00
10	2019	Hamlet Street Sewer Pump Station - Replace Pumps	\$ -	15	2026	В	\$ 4,600,000.00
15	2019	Sewer Inflow/Infiltration Project - Area 8 (Year 1)	\$ -	10	2027	Vactor	\$ 250,000.00
15	2020	Sewer Inflow/ Infiltration Project - Area 5 (Year 2)	\$ 30,000.00	15	2027	C	\$ 4,600,000.00
15	2020	Sewer Inflow /Infiltration Project - Area 7 (Year 2)	\$ 261,000.00	15	2028	D	\$ 4,600,000.00
15	2020	Sewer Inflow/Infiltration Project - Area 8 (Year 2)	\$ 207,000.00	15	2029	E	\$ 4,600,000.00
10	2020	Quinobequin Road Sewer Pump Station - Replace Pump	\$ 150,000.00	15	2030	F	\$ 4,600,000.00

Maturity Year	Project		Original	Maturity Y	<b>Year</b>	Project		Original
2009	Water Meter Replacement	\$	6,000,000.00	20	026	MWRA Water - Interest Free	\$	1,360,200.00
2011	Water Meter Replacement	\$	3,000,000.00	20	027	MWRA Water - Interest Free	\$	1,360,200.00
2007	MWRA Water - Interest Free	\$	2,586,019.00	20	028	MWRA Water - Interest Free	\$	1,360,200.00
2009	MWRA Water - Interest Free	\$	3,600,000.00	20	029	MWRA Water - Interest Free	\$	1,360,200.00
2010	MWRA Water - Interest Free	\$	2,224,400.00		030	MWRA Water - Interest Free	\$	1,360,200.00
2011	MWRA Water - Interest Free	Ś	1,933,657.00		017	Water Main Improvements	\$	2,632,500.00
2012	MWRA Water - Interest Free	Ś	1.360.200.00	20	017	MWRA Lead Loan Service Replacement - Interest Free	\$	4,000,000.00
2012	MWRA Water - Interest Free	s.	1,360,200.00		019	Lead Service Replacement Program (LSRP)	\$	2 200 000 00
2013	Water Main Improvements	s	2,700,000.00	15 20	019	Clean and Line Water Pipes to Improve Water Quality  Langley Road Air Relief Valve Rep	\$	3,280,000.00 514.000.00
2013	Eliot St Water Bldg Masonry Repairs	s	73,500.00	10 20	019 019	Clean and Line Water Pipes to Improve Water Quality	Ś	514,000.00
2013	MWRA Water - Interest Free	s.	1,360,200.00	13 20	019	Stanton Avenue and Winchester Storage Tanks	\$	520,000.00
2014	MWRA Water - Interest Free	Ś	1,360,200.00		013	· · · · · · · · · · · · · · · · · · ·		
2015	MWRA Water - Interest Free	Š	1,360,200.00		020	Waban Hill Covered Reservoir	\$	600,000
2016	MWRA Water - Interest Free	Š	1,360,200.00	45 30	020	Clean and Line Water Pipes to Improve Water Quality	\$	3,200,000
2017	MWRA Water - Interest Free	Ś	1,360,200.00	1 1 2	021	Clean and Line Water Pipes to Improve Water Quality	\$	3,200,000
2018	MWRA Water - Interest Free	Ś	1,360,200.00	15 20	022	Clean and Line Water Pipes to Improve Water Quality	\$	3,200,000
2019	MWRA Water - Interest Free	Ś	1,360,200.00	1 15 20	023	Clean and Line Water Pipes to Improve Water Quality	\$	3,200,000
2020	MWRA Water - Interest Free	Ś	1,360,200.00	15 20	024	Clean/Line or Replace Water Pipes to Improve Water Quality	\$	3,200,000
2021	MWRA Water - Interest Free	\$	1,360,200.00	15 20	025	A	\$	3,200,000
2022	MWRA Water - Interest Free	ς.	1,360,200.00	15 20	026	В	\$ _	3,200,000
2023	MWRA Water - Interest Free	Ś	1,360,200.00	13 20	027	C	\$ _	3,200,000
2024	MWRA Water - Interest Free	ς .	1,360,200.00	1 13 20	028 029	D	è	3,200,000 3,200,000
2025	MWRA Water - Interest Free	,	1,360,200.00		029		د د	3,200,000

			FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030
26	STORM	\$	2,680,000 \$	3,161,617 \$ 17.97%	3,570,245 \$ 12.92%	3,970,691 \$ 11.22%	4,315,885 \$ 8.69%	4,554,641 \$ 5.53%	4,839,122 \$ 6.25%	5,011,220 \$ 3.56%	5,206,626 \$ 3.90%	5,391,957 \$ 3.56%	5,534,603 \$ 2.65%	5,661,778 2.30%
27	SEWER	\$	33,974,879 \$	34,423,066 \$ 1.32%	34,935,414 \$ 1.49%	36,076,320 \$ 3.27%	37,653,103 \$ 4.37%	39,237,366 \$ 4.21%	40,965,880 \$ 4.41%	42,653,025 \$ 4.12%	44,411,870 \$ 4.12%	46,262,869 \$ 4.17%	48,173,032 \$ 4.13%	50,120,200 4.04%
28	WATER	\$	24,716,342 \$	25,401,901 \$ 2.77%	26,601,998 \$ 4.72%	27,300,461 \$ 2.63%	28,401,136 \$ 4.03%	29,525,015 \$ 3.96%	30,684,490 \$ 3.93%	31,874,196 \$ 3.88%	33,103,417 \$ 3.86%	33,963,322 \$ 2.60%	35,166,361 \$ 3.54%	36,519,13° 3.85%
	TOTAL	\$	61,371,221 \$	<b>62,986,585</b> \$ 2.63%	<b>65,107,657</b> \$ 3.37%	<b>67,347,471</b> \$ 3.44%	<b>70,370,124</b> \$ 4.49%	<b>73,317,022</b> \$ 4.19%	<b>76,489,492</b> \$ 4.33%	<b>79,538,441</b> \$ 3.99%	<b>82,721,914</b> \$ 4.00%	<b>85,618,148</b> \$ 3.50%	88,873,997 \$ 3.80%	<b>92,301,12</b> : 3.86%
STO	RMWATER AN	IN'L	INCR 3.9% \$	3,917,375 \$	4,070,153 \$	4,228,889 \$	4,393,815 \$	4,565,174	4,839,084 \$	5,027,809 \$	5,223,893 \$	5,427,625 \$	5,639,303 \$	5,859,235
STO	RMWATER AN	IN'L	INCR 3.9% \$	3,917,375 \$	4,070,153 \$	4,228,889 \$	4,393,815 \$	4,565,174 \$	4,839,084 \$ 6.00%	5,027,809 \$	5,223,893 \$ 83,346,842 \$	5,427,625 \$	5,639,303 \$	5,859

**Current Structure** 

### **Impervious Area (Square Feet)**

Commercial & Non Profit (Does not include Parking Lots, Parking Spaces, etc) 39,464,151 35%

72,857,034

65%

Total

Residential

112,321,185

### **Current Commercial Stormwater Rate Structure**

Tier (in impervious sq ft)	<u>Accounts</u>	FY2019 Rate per Parcel	Cost per Sq Ft	Total Commercial Revenue
0-5,000	203	\$250.00	\$0.0500	\$50,750.00
5,000-7,500	133	\$500.00	\$0.0667	\$66,500.00
7,500-10,000	123	\$750.00	\$0.0750	\$92,250.00
10,000-15,000	127	\$1,000.00	\$0.0667	\$127,000.00
15,000-25,000	132	\$1,250.00	\$0.0500	\$165,000.00
25,000-50,000	128	\$1,500.00	\$0.0300	\$192,000.00
50,000-75,000	57	\$1,750.00	\$0.0233	\$99,750.00
75,000-100,000	42	\$2,000.00	\$0.0200	\$84,000.00
100,000-200,000	49	\$2,500.00	\$0.0125	\$122,500.00
200,000-300,000	11	\$3,000.00	\$0.0100	\$33,000.00
300,000-400,000	12	\$3,500.00	\$0.0088	\$42,000.00
400,000-500,000	1	\$4,000.00	\$0.0080	\$4,000.00
>500,000	7	\$5,000.00	\$0.0083	\$35,000.00
				\$1,113,750.00

Residential Rate: \$75 = \$1.75 million

### **Current Stormwater Revenue Structure**

Commercial & Non Profit \$1,113,750 39%

Residential \$1,743,750 61%

Total \$2,857,500

**Target Stormwater Revenue: \$3.9 million for FY2020** 

## **Residential Rates**

Increase from \$75.00 per year To \$100.00 per year

Yields Approximately \$600,000

**Commercial Rates** 

### **Impervious Area (Square Feet)**

112,321,185

Commercial & Non Profit 39,464,151 35% (Does not include Parking Lots, Parking Spaces, etc)

Residential 72,857,034 65%

Total

### **Current Stormwater Revenue Structure**

Commercial & Non Profit \$1,113,750 39%

Residential \$1,743,750 61%

Total \$2,857,500

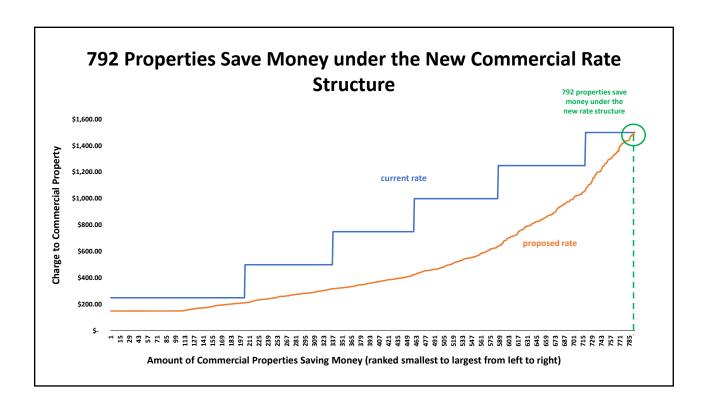
### **Proposed Commercial Stormwater Rate Structure**

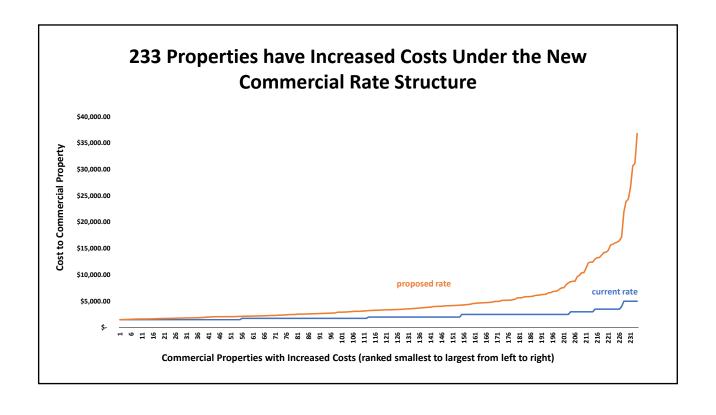
\$0.0425 per impervious square foot of property

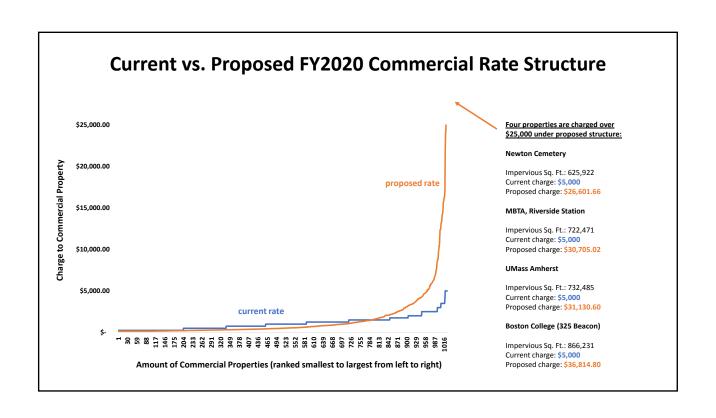
### **OR**

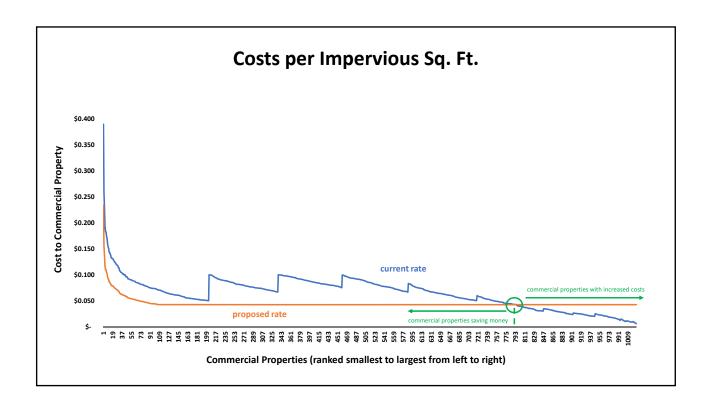
### \$150 Minimum Fee

(Properties with less than 3530 impervious square feet)









# The City of Newton The Largest Property Owner in the City

### 48 Parcels

Total City impervious area: 4,060,159 sq. ft.

Total commercial impervious area in Newton: 36,848,361 sq. ft.

The City's share of cumulative commercial impervious area: 9.9%

### **The City of Newton**

The City annual stormwater charge, current rate: \$84,750

Cumulative annual commercial stormwater charges, <a href="mailto:current rate">current rate</a>: \$1,111,203

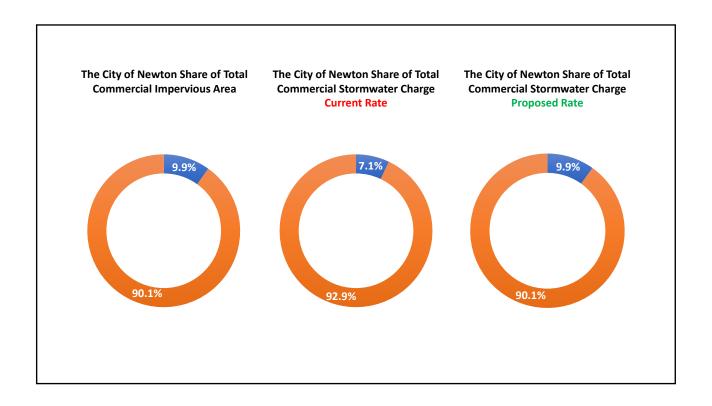
The City's share of annual commercial stormwater charges, current rate: 7.1%

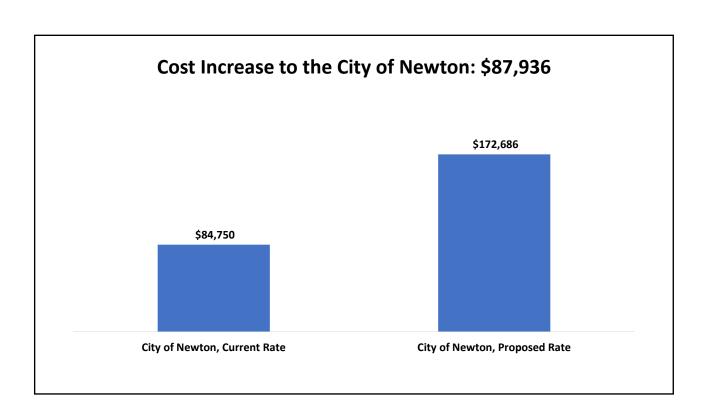
### **The City of Newton**

The City annual stormwater charge, proposed rate: \$172,686

Cumulative annual commercial stormwater charges, proposed rate: \$1,569,837

The City's share of annual commercial stormwater charges, proposed rate: 9.9%





### **10 Largest Individual Parcels in Newton**

Property	Total Impervious Area	% of Total Impervious Area in the City	Current Stormwater Charge	% of Total Charges at the Current Rate	Proposed Stormwater Charge	% of Total Charges at the Proposed Rate
Chestnut Hill Square	381,510	1.04%	\$3,500	0.31%	\$16,214.17	1.03%
Northland Investment Corp	388,006	1.05%	\$3,500	0.31%	\$16,490.26	1.05%
Charles River Country Club	404,766	1.10%	\$4,000	0.36%	\$17,202.55	1.10%
Partners Heath Care	516,116	1.40%	\$5000	0.45%	\$21,934.93	1.40%
Newton North High School	563,145	1.53%	\$5,000	0.45%	\$23,933.65	1.52%
Newton South High School	572,841	1.55%	\$5,000	0.45%	\$24,345.74	1.55%
Newton Cemetery Corp	625,922	1.70%	\$5,000	0.45%	\$26,601.66	1.69%
MBTA Riverside Station	722,471	1.96%	\$5,000	0.45%	\$30,705.02	1.96%
UMass Amherst	732,485	1.99%	\$5,000	0.45%	\$31,130.60	1.98%
Boston College (325 Beacon)	866,231	2.35%	\$5,000	0.45%	\$36,814.80	2.35%

### **Proposed Commercial Stormwater Rate Structure**

**\$0.0425** per impervious square foot of property

### **OR**

### \$150 minimum fee

(properties with less than 3530 impervious square feet)

# 10 Largest Individual Parcels in Newton

Boston College (325 Beacon)	UMass Amherst	MBTA Riverside Station	Newton Cometary Corp	Newton South High School	Newton North High School	Partners Heath Care	Charles River Country Club	Northland investment Corp	Chestnyt 2nd Square	Property
866,231	732,485	722,471	625,922	572,841	\$63,145	516,116	404,766	388,006	381,510	Total Impervious Area
2.35%	199K	196%	170%	1.55%	159%	1,40%	1,10%	1.05%	1,04%	% of Total Impervious Area in the City
\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5000	\$4,000	\$3,500	93,500	Current Stormwater Charge
0.45%	0.45%	0.45%	0.45%	0.45%	0.45%	0.45%	0.36%	0.31%	NTEO	% of Total Charges at the Current Rate
\$36,814.80	\$31,130.50	\$30,705.02	\$26,601.66	\$24,345,74	\$23,933.65	\$21,934.93	\$17,202.55	\$16,490.26	(1912/915	Proposed Stormwater Charge
2.35%	1.98%	196%	1.69%	1.55%	152%	1.40%	3,10%	1.05%	1.03%	% of Total Charges at the Proposed Rate