

Newton City Council

Committee of the Whole Agenda

Tuesday, January 22, 2019

Council Chamber 7:00 PM

The City Council will meet in a Committee of the Whole with the Finance Committee presiding on Tuesday, January 22, 2019 at 7:00 pm, in the Council Chamber, Second Floor, City Hall, 1000 Commonwealth Avenue, to conduct a Public Hearing on the proposed FY 20 stormwater use charges.

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.

Public Facilities Approved 7-0 on 11/28/18

The location of this meeting is accessible and reasonable accommodations will be provided to persons with disabilities who require assistance. If you need a reasonable accommodation, please contact the city of Newton's ADA Coordinator, Jini Fairley, at least two business days in advance of the meeting: jfairley@newtonma.gov or (617) 796-1253. The city's TTY/TDD direct line is: 617-796-1089. For the Telecommunications Relay Service (TRS), please dial 711.



City of Newton, Massachusetts Office of the Mayor

Telephone (617) 796-1100 Telefax (617) 796-1113 TDD (617) 796-1089 E-mail

rfuller@newtonma.gov

Honorable City Council Newton City Hall 1000 Commonwealth Avenue Newton Centre, MA 02459

Councilors:

I write to request that your Honorable Council docket for consideration a request to amend Sec. 29-120 (a) Stormwater Use Charge 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:

- 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

Thank you for your consideration of this matter.

Sincerely,

Ruthanne Fuller Mayor

Account	Downel	Owner Name	Location	Total Impervious Area	Current Stormwater Charge	FV20 Charge
Account	Parcel		Location	Alea		FY20 Charge
1012389000001	630090000200	TRUSTEES OF BOSTON COLLEGE	325 BEACON ST	866,231	\$ 5,000.00	\$ 36,814.80
1032601600001	840340000600	UMASS AMHERST	777 DEDHAM ST	732,485	\$ 1,750.00	\$ 31,130.60
1022347000001	4201100003B0	MASS BAY TRANSPORTA AUTH	331 GROVE ST	722,471	\$ 5,000.00	\$ 30,705.02
1030887300001	640030000900	NEWTON CEMETERY CORPORAT	791 WALNUT ST	625,922	\$ 5,000.00	\$ 26,601.66
1032792600001	810510004700	CITY OF NEWTON/NEWTON SOUTH	140 BRANDEIS RD	572,841	\$ 5,000.00	\$ 24,345.74
1012768400001	240180000100	CITY OF NEWTON/NEWTON NORTH	457 WALNUT ST	563,145	\$ 5,000.00	\$ 23,933.65
1022613100001	550010001500	PARTNERS HEALTH CARE ACCOUNTS PAYABLE	2014 WASHINGTON ST	516,116	\$ 5,000.00	\$ 21,934.93
1032740900001	830360000400	CHARLES RIVER COUNTRY CLUB	535 DEDHAM ST	404,766	\$ 4,000.00	\$ 17,202.55
1032452400001	510280000500	481501 NORTHLAND COMMERCIAL MS#5	156 OAK ST	388,006	\$ 3,500.00	\$ 16,490.26
0812796900001	820020001100	CHS COMMERCIAL OWNER LLC	200 BOYLSTON ST	381,510	\$ 3,500.00	\$ 16,214.17
1012501700001	650080009900	SIMON PROPERTIES	225 BOYLSTON ST	377,926	\$ 3,500.00	\$ 16,061.87
1022245700001	430290002400	HINES GLOBAL REIT PROPERTIES LP	275 GROVE ST	371,916	\$ 3,500.00	\$ 15,806.45

				Total	Current	
				Impervious	Stormwater	
Account	Parcel	Owner Name	Location	Area (sq. ft)	Charge	FY20 Charge
		CITY OF NEWTON	MULTIPLE LOCATIONS	4,060,159	\$ 84,750.00	\$ 172,685.94
		TRUSTEES OF BOSTON COLLEGE	MULTIPLE LOCATIONS	2,337,479	\$ 41,250.00	\$ 99,827.92
		NORTHLAND INVESTMENT CORP	MULTIPLE LOCATIONS	966,083	\$ 14,500.00	\$ 41,058.51
1032601600001	840340000600	UMASS AMHERST	777 DEDHAM ST	798,115	\$ 6,750.00	\$ 33,919.88
1022347000001	4201100003B0	MASS BAY TRANSPORTA AUTH	331 GROVE ST	725,301	\$ 5,250.00	\$ 30,855.02
		SIMON PROPERTIES	MULTIPLE LOCATIONS	690,989	\$ 7,000.00	\$ 29,367.04
		LASELL COLLEGE	MULTIPLE LOCATIONS	683,659	\$ 21,500.00	\$ 28,676.49
		PARTNERS HEALTH CARE ACCOUNTS PAYABLE	MULTIPLE LOCATIONS	626,312	\$ 7,500.00	\$ 26,618.26
1030887300001	640030000900	NEWTON CEMETERY CORPORAT	791 WALNUT ST	625,922	\$ 5,000.00	\$ 26,601.66
		BRAE BURN COUNTRY CLUB	MULTIPLE LOCATIONS	471,694	\$ 5,875.00	\$ 20,047.00
		AG-JCM WELLS AVENUE PARENT LLC	MULTIPLE LOCATIONS	466,569	\$ 7,250.00	\$ 19,829.16
				Total	\$ 206,625.00	\$ 529,486.89

Stormwater Rate Restructuring Proposal

November 28, 2018

Stormwater Capital Projects

20 20 10 20 10 20	016 017 017	Dedham St. Storm Drainage Improvement			Maturity	Year	Project		Original
10 20 10 20			\$	725,000.00	15	2023	Laundry Brook Culvert-Hull street to Bridges Avenue	\$	750,000.
10 20	017	Laundry Brook Drainage	\$	2,425,000.00	10	2024	DPW Sweeper 2024	\$	250,000
		DPW Sweeper	\$	197,800.00	15	2024	Cheesecake Brook Roadway Culvert Crossings	\$	750,000
15 20	019	DPW Sweeper 2019	\$	250,000.00	15	2024	Laundry Brook Culvert Parkview Ave. to Mass Pike	\$	650,000
	019	Hammond Brook Pipe replacement	\$	500,000.00	10	2025	DPW Sweeper 2025	\$	250,000
15 20	019	Rehabilitation of the Forest Grove Pump Station	\$	338,000.00	15	2025	A	\$	700,000
15 20	019	South Meadow Brook Culvert 1	\$	250,000.00	15	2025	В	\$	200,000
15 20	020	Bullough's Pond Dam Repair	\$	500,000.00	10	2026	DPW Sweeper 2026	\$	250,000
10 20	020	DPW Sweeper 2020	\$	250,000.00	15	2026	C	\$	500,000
15 20	020	South Meadow Brook Culvert 2	Ś	500,000.00	15	2026	D	\$	250,000
15 20	020	Cheesecake Brook-Comm. Ave to 1600 Washington St	Ś	550,000.00	10	2027	DPW Sweeper 2027	\$	250,000
10 20	021	DPW Sweeper 2021	Ś	250,000.00	10	2027	Vactor	\$	250,000
15 20	021	City Hall Ponds	Ś	500,000.00	15	2027	E	\$	400,000
	021	Elliot & Crafts Street DPW Operations Yard	Ś	800,000.00	15	2027	F	\$	420,000
	021	Cheesecake Brook - 1600 Washington - Watertown St 1	Ś	200,000.00	10	2028	DPW Sweeper 2028	Ş	250,000
	022	Vactor	Ġ	250,000.00	15	2028	G	\$	350,000
	022	DPW Sweeper 2022	Ġ	250,000.00	15	2028	H	\$	500,000
	022	Cheesecake Brook - 1600 Washington - Watertown St 2	Ś	700,000.00	10	2029	DPW Sweeper 2029	\$	250,000
	022	Cheesecake Brook-Watertown Street to Charles River 1	Ś	725,000.00	15	2029	!	\$	345,000
	022	DPW Sweeper 2023	Ś	250,000.00	15	2029	J	\$	275,000
	023	Cheesecake Brook-Watertown Street to Charles River 2	۶	725,000.00	10 15	2030 2030	DPW Sweeper 2030 K	\$	250,000 500,000

		Sewe	er	· Capi	tal F	roj	ects		
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)	Ś	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)	Ś	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)	Ś	3,693,000.00
15	2019	Sewer Inflow/ Infiltration Project - Area 5 (Year 1)	\$	-	15	2023	Sewer Inflow/Infiltration Project - Area 11 (Year 2)	Ś	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)	Ś	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	A	\$	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	С	\$	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

		Wat	ter (Capit	al F	ro	jects	
Maturity Ye	ear	Project		Original	Maturity	Year	Project	Original
20	009	Water Meter Replacement	\$	6,000,000.00	l '	2026	MWRA Water - Interest Free	\$ 1,360,200.00
20	011	Water Meter Replacement	Ś	3,000,000.00		2027	MWRA Water - Interest Free	\$ 1,360,200.00
20	007	MWRA Water - Interest Free	Ś	2,586,019.00		2028	MWRA Water - Interest Free	\$ 1,360,200.00
	009	MWRA Water - Interest Free	Ś	3,600,000.00		2029	MWRA Water - Interest Free	\$ 1,360,200.00
	010	MWRA Water - Interest Free	Ś	2,224,400.00		2030	MWRA Water - Interest Free	\$ 1,360,200.00
	011	MWRA Water - Interest Free				2017	Water Main Improvements	\$ 2,632,500.00
	012	MWRA Water - Interest Free	Ś	1,360,200.00		2017	MWRA Lead Loan Service Replacement - Interest Free	 4,000,000.00
	012	MWRA Water - Interest Free	Ś	1,360,200.00	15	2019	Lead Service Replacement Program (LSRP)	\$ -
	013	Water Main Improvements	Ś	2,700,000.00	15	2019	Clean and Line Water Pipes to Improve Water Quality	3,280,000.00
	013	Eliot St Water Bldg Masonry Repairs	Š	73,500.00	1 10	2019	Langley Road Air Relief Valve Rep	\$ 514,000.00
	013	MWRA Water - Interest Free	\$	1,360,200.00	1 13	2019	Clean and Line Water Pipes to Improve Water Quality	\$ -
	013	MWRA Water - Interest Free	Š	1,360,200.00	1 -0	2019	Stanton Avenue and Winchester Storage Tanks	\$ 520,000.00
	014 015	MWRA Water - Interest Free	\$	1,360,200.00	15	2020	Waban Hill Covered Reservoir	\$ 600,000
	015 016		\$		15	2020	Clean and Line Water Pipes to Improve Water Quality	\$ 3,200,000
		MWRA Water - Interest Free	\$	1,360,200.00 1,360,200.00	15	2021	Clean and Line Water Pipes to Improve Water Quality	\$ 3,200,000
	017 018	MWRA Water - Interest Free			15	2022	Clean and Line Water Pipes to Improve Water Quality	\$ 3,200,000
		MWRA Water - Interest Free	\$	1,360,200.00	15	2023	Clean and Line Water Pipes to Improve Water Quality	\$ 3,200,000
	019	MWRA Water - Interest Free	\$	1,360,200.00	1 15	2024	Clean/Line or Replace Water Pipes to Improve Water Quality	\$ 3,200,000
	020	MWRA Water - Interest Free	\$	1,360,200.00	15	2025	A	\$ 3,200,000
	021	MWRA Water - Interest Free	\$	1,360,200.00	1.2	2026	В	\$ 3,200,000
	022	MWRA Water - Interest Free		1,360,200.00	1.5	2027	С	\$ 3,200,000
	023	MWRA Water - Interest Free		, ,	13	2028	D	\$ 3,200,000
20	024	MWRA Water - Interest Free	\$	1,360,200.00		2029	E	\$ 3,200,000
20	025	MWRA Water - Interest Free	\$	1,360,200.00	15	2030	F	\$ 3,200,000

			<u>FY2019</u>	<u>FY2020</u>	FY2021	FY2022	FY2023	FY2024	FY2025	<u>FY2026</u>	FY2027	FY2028	FY2029	FY2030
	EXPENDITUR	<u>ES</u> Ś	2,680,000 \$	3,161,617 \$	3,570,245 \$	3,970,691 \$	4,315,885 \$	4,554,641 \$	4,839,122 \$	5,011,220 \$	5,206,626 \$	5,391,957 \$	5,534,603 \$	5,661,778
26	STORM	Þ	2,080,000 \$	17.97%	12.92%	11.22%	8.69%	5.53%	6.25%	3.56%	3.90%	3.56%	2.65%	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%	50,120,206 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%	36,519,137 3.85%
	TOTAL	\$	61,371,221 \$	62,986,585 \$	65,107,657 \$	67,347,471 \$	70,370,124 \$	73,317,022 \$	76,489,492 \$	79,538,441 \$	82,721,914 \$	85,618,148 \$	88,873,997 \$	92,301,121
				2.63%	3.37%	3.44%	4.49%	4.19%	4.33%	3.99%	4.00%	3.50%	3.80%	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 \$ 6.00%	5,027,809 \$	5,223,893 \$	5,427,625 \$	5,639,303 \$	5,859,235
													89,974,666 \$	

Current Structure

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 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

Imperv	vious Area (Square Fe	eet)
Commercial & Non Profit (Does not include Parking Lots, Parking Spaces, etc)	39,464,151	35%
Residential	72,857,034	65%
Total	112,321,185	

Current Stormwater Revenue Structure Commercial & Non Profit \$1,113,750 39% Residential \$1,743,750 61% Total \$2,857,500

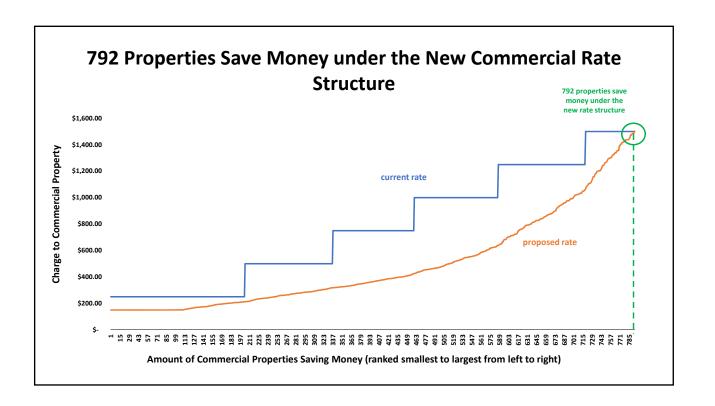
Proposed Commercial Stormwater Rate Structure

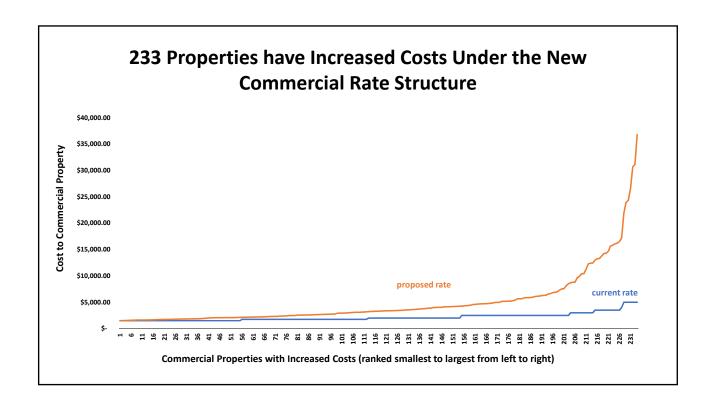
\$0.0425 per impervious square foot of property

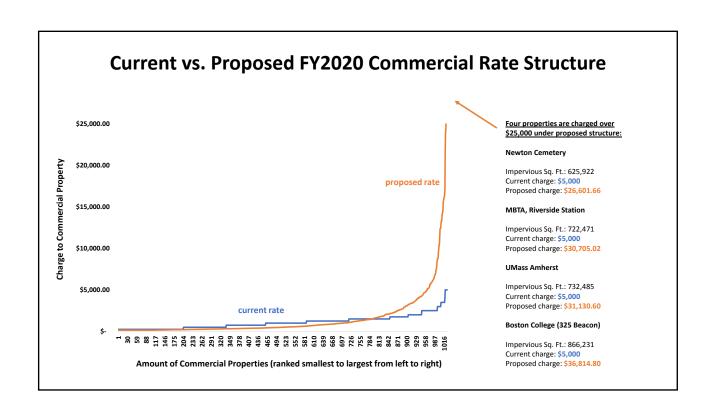
OR

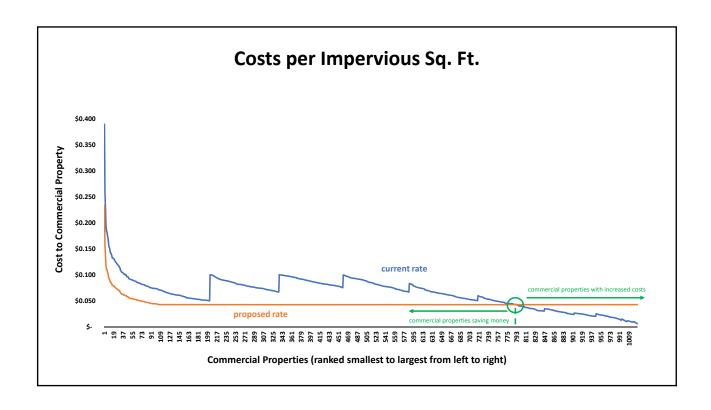
\$150 Minimum Fee

(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, current rate: \$1,111,203

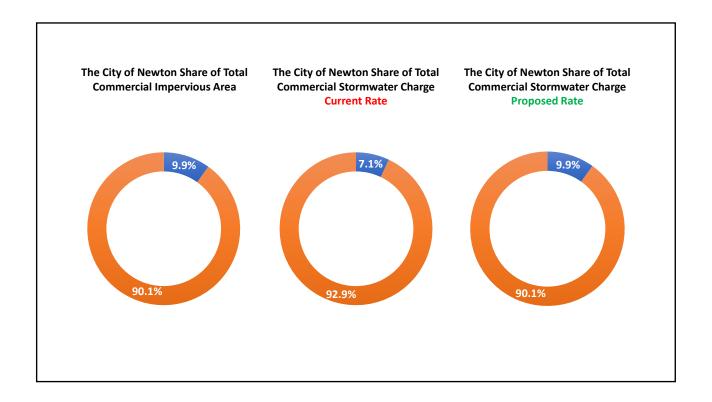
The City's share of annual commercial stormwater charges, current rate: 7.1%

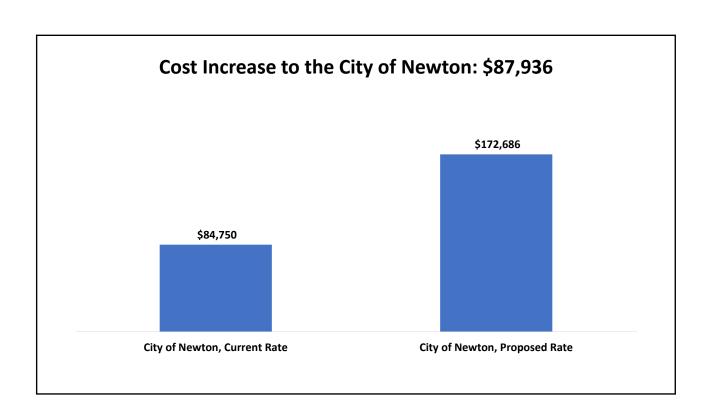
The City of Newton

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

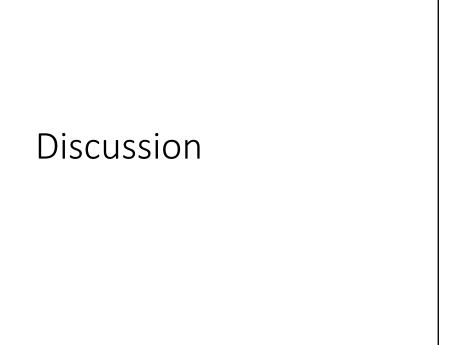
\$0.0425 per impervious square foot of property

OR

\$150 minimum fee

(properties with less than 3530 impervious square feet)

#541-18



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	1.96%	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	\$31,130.60	\$30,705.02	\$26,601.66	\$24,345.74	\$23,933,65	\$21,934.93	\$17,202.55	\$16,490.26	\$15,214.17	Proposed Stormwater Charge
2.35%	1,98%	1.96%	1.89%	1.55%	152N	1.40%	1,10%	1.05%	1.03%	% of Total Charges at the Proposed Rate