

Appendix A

Appendix A to the Water Rate Structure Review report provides additional information on the proposed rate structure. Rates displayed here and used to inform the report are modelled using 2024 consumption, 2023 impervious surface measurements, and 2024 budget requirements. Final ratios and rates will be set during implementation using updated consumption, impervious surface data and budgetary requirements.

Table 1 – Rural Roadside Ditch Maintenance Special Area Levy

	Special Area Levy
	Rate per \$100k assessment
Residential	\$21.73
Farm	\$4.35
Commercial	\$42.12

Table 2 – Urban Stormwater

	Blended - Fixed	
	Average Impervious Area per Unit	Charge per Unit
Residential - Single Detached	252m ²	\$168.35
Residential - Semi-Detached	167m ²	\$111.41
Residential - Townhome	127m ²	\$84.84
Residential - Apartment/Condo	55m ²	\$36.74
Non-Residential (<15m ²)	-	\$10.00
	Blended - Exact	
	Charge per Square Metre (m ²)	
Residential (>500m ²)	\$0.6683	
Non-Residential (>15m ²)		

Table 3 – Rural village stormwater rates (Manotick, Carp and Richmond)

	Blended - Fixed	
	Average Impervious Area per Unit	Charge per Unit
Residential - Single Detached	252m ²	\$168.35
Residential - Semi-Detached	167m ²	\$111.41
Residential - Townhome	127m ²	\$84.84
Residential - Apartment/Condo	55m ²	\$36.74
Non-Residential (<15m ²)	-	\$10.00
	Blended - Exact	
	Charge per Square Metre (m ²)	
Residential (>500m ²)	\$0.6683	
Non-Residential (>15m ²)		

Table 4 – Water and wastewater rates

	Made-to-Measure			
	Ratio	Water Rate	Waste Rate	Comb Rate
Residential Tier 1	1	\$1.4715	\$1.2673	\$2.7388
Residential Tier 2	1.3	\$1.9130	\$1.6474	\$3.5604
Multi-Residential Tier 1	1.0	\$1.4715	\$1.2673	\$2.7388
Multi-Residential Tier 2	1.5	\$2.2073	\$1.9009	\$4.1082
Non-Residential Tier 1	1.0	\$1.4715	\$1.2673	\$2.7388
Non-Residential Tier 2	0.9	\$1.3244	\$1.1405	\$2.4649
	Ratio	Water Rate	Waste Rate	Comb Rate
15mm	1	\$138.29	\$119.46	\$257.75
20mm	3.2	\$444.51	\$383.98	\$828.49
25mm	8.7	\$1,205.11	\$1,041.00	\$2,246.11
40mm	21.8	\$3,041.64	\$2,627.44	\$5,669.08
50mm	53.7	\$7,424.32	\$6,413.31	\$13,837.63
75mm	117.1	\$16,189.69	\$13,985.05	\$30,174.74
100mm	125.3	\$17,334.00	\$14,973.53	\$32,307.53
150-300mm	250.2	\$34,572.78	\$29,864.81	\$64,437.59

Table 5 – Low User Impact Analysis

		Current	Recommended	Impact
Average User 15mm - 28m ³	Bill Amount	\$160	\$147	(\$13)
	% Fixed	50%	46%	-4%
	% Variable	50%	54%	+4%
Low User - 25th Percentile 15mm - 28m ³	Bill Amount	\$119	\$113	(\$6)
	% Fixed	71%	62%	-9%
	% Variable	29%	38%	+9%
Very Low User - 10th Percentile 15mm - 28m ³	Bill Amount	\$101	\$98	(\$3)
	% Fixed	83%	72%	-11%
	% Variable	17%	28%	+11%

Table 6 – Water Bill Distribution of Billing Impacts by Service

This table presents the projected proportion of customer accounts expected to experience specific percentage changes in their total water, wastewater, and stormwater bills as a result of the proposed rate structure.

Bill Change over Current	Water & Wastewater Accounts	Stormwater Accounts	Combined Accounts
100% or more	1.1%	1.6%*	1.5%*
80% to 90%	0.1%	0.2%	0.2%
70% to 80%	0.2%	0.1%	0.2%
60% to 70%	0.2%	0.1%	0.3%
50% to 60%	0.3%	0.1%	0.3%
40% to 50%	0.4%	0.2%	0.5%
30% to 40%	0.5%	0.4%	0.6%
20% to 30%	0.4%	1.0%	0.7%
10% to 20%	0.6%	4.1%	1.0%
0% to 10%	22.0%	35.9%	18.4%
No Change	6.1%	4.7%	7.2%
0% to -10%	65.4%	36.3%	63.3%
-10% to -20%	1.7%	0.8%	2.5%
-20% to -30%	0.3%	1.7%	0.7%
-30% to -40%	0.6%	5.8%	0.5%
-40% to -50%	0.0%	4.0%	0.1%
-50% to -60%	0.0%	0.8%	0.1%
-60% to -70%	0.0%	0.2%	0.0%
-70% to -80%	0.0%	0.1%	0.0%
-80% to -90%	0.0%	0.1%	0.0%
-%100 or less	0.0%	2.0%	1.8%

***Note:** Accounts that were not eligible for stormwater under the current rate structure are counted in the '100% or more' category.