

## 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 <sup>2</sup>                | \$168.35        |
| Residential - Semi-Detached               | 167m <sup>2</sup>                | \$111.41        |
| Residential - Townhome                    | 127m <sup>2</sup>                | \$84.84         |
| Residential - Apartment/Condo             | 55m <sup>2</sup>                 | \$36.74         |
| Non-Residential (<15m <sup>2</sup> )      | -                                | \$10.00         |
| Blended - Exact                           |                                  |                 |
| Charge per Square Metre (m <sup>2</sup> ) |                                  |                 |
| Residential (>500m <sup>2</sup> )         | \$0.6683                         |                 |
| Non-Residential (>15m <sup>2</sup> )      | \$0.6683                         |                 |

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

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

**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 |
|--|-------------|---------|-------------|--------|
| <b>Average User</b><br>15mm - 28m <sup>3</sup>                               | Bill Amount | \$160   | \$147       | (\$13) |
|  | % Fixed     | 50%     | 46%         | -4%    |
|  | % Variable  | 50%     | 54%         | +4%    |
| <b>Low User - 25<sup>th</sup> Percentile</b><br>15mm - 28m <sup>3</sup>      | Bill Amount | \$119   | \$113       | (\$6)  |
|  | % Fixed     | 71%     | 62%         | -9%    |
|  | % Variable  | 29%     | 38%         | +9%    |
| <b>Very Low User - 10<sup>th</sup> Percentile</b><br>15mm - 28m <sup>3</sup> | 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.