

APPENDIX 1

**Comparison Table of Major Changes between the Existing and the Proposed
Storm Sewer Use By-law**

Current By-law 259-05	Proposed By-law 2022
<p>Connections to City Storm Sewers Currently in Part II</p>	<ul style="list-style-type: none"> • Added two general prohibitions in this Part as follows: <ol style="list-style-type: none"> i) No person shall enter a municipal storm sewer without prior authorization ii) No person shall break, damage, etc. with any part of a municipal storm sewer or any device installed to monitor or sample stormwater <p>These will provide additional enforcement capabilities under this By-law regarding any person who trespasses or causes damage the City's storm sewer infrastructure or devices installed within it.</p> • Removed section addressing maintenance of private storm sewers as this will be covered under a proposed amendment to the Property Standards By-law, 064-1998.
<p>Discharge Requirements Currently in Parts IV and V</p>	<p>Combined and moved these sections into new Part 3 and added:</p> <ul style="list-style-type: none"> • groundwater discharge requirements, where permitted • additional prohibited substances (e.g. algacides, raw materials from industrial processes) • oil, grease and sediment separator requirements <p>The table displaying allowable concentration limits has been moved from Part 3 and is now included as Schedule A.</p> <p>These changes are intended to further enhance protection of the natural environment and align with current legislation and guidelines.</p>
<p>Exceptions Currently in Part VI</p>	<p>Moved this section into new Part 4 and added:</p> <ul style="list-style-type: none"> • temporary discharge permit requirements (i.e. construction dewatering); to formalize a permit process that is currently carried out informally and ensure consistent and enforceable provisions • residential pool water discharge requirements (requires amendment of similar section in Debris and Anti-Littering By-law); this is to update the requirements to current best practices for the protection of the natural environment.
<p>Spills Currently in Part VII</p>	<p>Moved this section into new Part 6.</p> <ul style="list-style-type: none"> • Added ability to require responsible party to submit a Pollution Prevention Plan and a Spill Response Plan <p>This provides more enforcement options to ensure that the responsible party that caused a spill will be able to prevent any future spills.</p>

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<p>Pollution Prevention Currently in Part VIII</p>	<p>Moved this section into new Part 7.</p> <ul style="list-style-type: none"> • Expanded and updated submission requirements for further clarity of the process and procedures • Officer can decide to reduce requirements for a Pollution Prevention Plan on a case-by-case basis <ul style="list-style-type: none"> ○ This change would provide greater flexibility for small- to medium-sized business owners who often lack the knowledge or resources to retain a Professional Engineer to prepare these plans. ○ This change will also enable more businesses to be eligible to apply for Stormwater Charge Credits; this has been identified as a barrier to participation. • Contents of a Pollution Prevention Plan are referenced in proposed Schedule B (previously in Schedule A).
<p>Sampling and Analysis Currently in Part IX</p>	<p>Moved this section into new Part 5 and changed title to 'Monitoring and Analyzing Discharges'. Added the following:</p> <ul style="list-style-type: none"> • Officer can require owner or occupier of a premises to carry out all monitoring or sampling and analysis of discharge at their own expense and submit report • Officer can require owner or occupier of a premise to install a monitoring device and provide calibration and maintenance records <p>This is to ensure that businesses bear these costs instead of the City, where unauthorized discharges from such businesses are known to occur.</p>
<p>Schedule A: Limits for Storm Sewer Discharge Currently in Part IV</p>	<p>Moved this section into new Schedule A for ease of reference and includes new updates.</p> <ul style="list-style-type: none"> • Added several volatile organic compounds that are common contaminants to further protection the natural environment • Adjusted the limits of two naturally occurring metals to reflect typical groundwater conditions in Mississauga to reduce financial burden of property owners, where applicable • Removed an indicator parameter (TKN) that is only used as a guideline; it should no longer be used as a mandatory compliance limit