



## Stormwater Charge Credit Program – Proposed Enhancements

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GENERAL COMMITTEE  
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## Agenda

- Background / Phase 1 Review
- Phase 2 Review / Stakeholder Engagement
- Proposed Enhancements
- Implications & Impact Analysis
- Implementation Plan



## Background

- December 2019:* Initiated a 5-year multi-phased review\* of the Stormwater Charge Credit Program
- November 2020:* Phase 1 findings presented to General Committee
- April 2021:* Initiated Phase 2 study – detailed analysis and develop recommendations on 5 shortlisted credit program improvements
- October 2021:* Seeking approval to implement proposed changes to the Stormwater Charge Credit Program

\*Consultant led study - Resilient Consulting & Computational Hydraulics Intl. (CHI)



## Summary of Phase 1 Review

- Recommended 5 shortlisted options to enhance the Non- and Multi-residential Credit Program.
  - 1) Define variable credit criteria for Peak Flow Reduction by geography.
  - 2) Apply a sliding scale criteria.
  - 3) Change the maximum credit amounts allowed in each of the credit categories.
  - 4) Expand the list of eligible practices or stormwater management measures to achieve credits.
  - 5) Formalize the process for communal facilities to share credits.
- Concluded that the enhanced outreach and education program remains the best option/most cost effective for residential properties





## Phase 2 Review

- To date, uptake of the Credit Program has been low and most apply only for Peak Flow Reduction credits (98% of total active credits)
- To enhance the Credit Program, the overall goal is to **increase flexibility and opportunities resulting in mutual benefits for property owners and the City's receiving stormwater system**
- Phase 2 Review included:
  - stakeholder engagement
  - detailed analysis of proposed changes
  - develop final recommendations and implementation plan



## Stakeholder Engagement

- Conducted a digital survey of past and current credit applicants
- Held a series of two stakeholder engagement meetings:
  - June 30, 2021
  - September 15, 2021
- Presented at Mississauga Board of Trades' Environmental and Sustainability Committee



## Summary of Proposed Changes

(Non- and Multi-residential Credit Program)

### 1) Variable Credits for Peak Flow Reduction

Current Credit Criterion	Proposed Alignment with Development Criteria	
	<i>Watershed (examples)</i>	<i>Peak Flow Criteria (variable)</i>
Based on % reduction of the 100-Year Flow from Post-development to Pre-development condition	Cooksville Creek	100-Year Post to 2-Year Pre-development
	Mullet Creek	Post to Pre-development
	Credit River	No Control



## Summary of Proposed Changes

(Non- and Multi-residential Credit Program)

### 2) Sliding Scale Criteria

Water Quality Treatment	Current Credit Amount	Proposed Credit Amount
Enhanced (80% TSS removal)	Up to 10%	Up to 30%
Normal (70% TSS removal)	0%	Up to 23%
Basic (60% TSS removal)	0%	Up to 15%





## Summary of Proposed Changes

(Non- and Multi-residential Credit Program)

### 3) Maximum Amount in Credit Categories

Credit Category	Current Credit Amount (50% maximum)	Proposed Credit Amount (50% maximum)*
Peak Flow Reduction	Up to 40%	Up to 40%
Water Quality Treatment	Up to 10%	Up to 30%
Runoff Volume Reduction	Up to 15%	Up to 30%
Operations and Activities (formerly Pollution Prevention)	Up to 5%	Up to 20%

\*Maximum credit amount to remain at 50%



## Summary of Proposed Changes

(Non- and Multi-residential Credit Program)

### 4) Expand Eligible Practices

- Additional stormwater management & pollution prevention practices be eligible for credit
- That the '*Pollution Prevention*' category be renamed '*Operations and Activities*'

### 5) Credit Sharing

- Developed a checklist to assist with 'shared credit' applications
- Formalize rules and the administration of shared credits



### Implications to Credit Holders

- Greater flexibility and potential to receive increased or maximum credit
- 11 properties or 6 percent of active credits will lose their Peak Flow Reduction credit amount
- Existing credits will remain until expiry of their application (e.g. if credit was renewed in 2021, it would remain in effect until 2026)

### Financial Impact Analysis

- There are no immediate financial impacts resulting from the adoption of the recommendations
- Staff will budget for a conservative uptake of the enhanced Credit Program
- Anticipated that the enhanced Credit Program will have minimal impact to the Stormwater Charge rate



## Implementation Plan

- Finalize eligible suite of practices, requirements and range of credits for the renamed category 'Operations and Activities'
- Update the Stormwater Charge Credit Application Guidance Manual, application forms, administration documents, webpages and Standard Operating Procedures
- **Amend the Stormwater Fees & Charges By-law 0295-2020**
- **Update Corporate Policies and Procedures for Stormwater Credit Program for Multi-Residential and/or Non-Residential Properties 04-14-03**
- Implement changes to existing Stormwater Charge administration, billing and IT systems
- Provide notice of enhanced Program to existing credit holders and complete outreach and awareness campaign to eligible property owners

**Enhanced Credit Program tentatively scheduled for late 2022.**





Thank You

Questions?

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