



Phase 2 - Stormwater Fee Implementation

Agriculture and Rural Affairs Sub-Committee Presentation

City of Hamilton

April 25, 2024

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Agenda

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Project timeline

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Consultation results

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Revised financial incentive program

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Next steps



Stormwater Funding Review Timeline

- June 2022** ● Council directed staff to perform a stormwater funding model review and report back by June 2024
- Nov 2022** ● Council approved Guiding Principles for stormwater model evaluation
- Jan 2023** ● Council directs staff to accelerate review and report back by June 2023
- June 2023** ● Council approved the new stormwater fee structure & directed staff to consult the public on a financial incentive program
- Oct 2023 – Jan 2024** ● Public consultation
- Mar 2024** ● Revised credit program developed and communicated
- June 2024** ● Report to Council with proposed incentive program

Consultation Summary

- 3 surveys, video, 2 web-pages, FAQ, 6 presentations, email address, media releases
- >5,000 webpage views, > 100 questions emailed, 791 surveys, >500 social media clicks/likes
- Majority of agricultural and rural survey respondents consider the City's stormwater services to be not or only somewhat important
- Consider the role of large tracts of green space in stormwater management
- Consider properties that discharge directly to Hamilton Harbour
- Proposed residential subsidy program aligned with feedback received
- Revised credit program = "made in Hamilton" program

Proposed New Credit Program

The credit program that is being considered will consist of 3 streams for ICI, agricultural and multi-residential properties > 6 units. A property will not be eligible for more than one stream of the program.

Green Space Credit

- Considers percentage of property that is green space
- Automatic enrollment – no application needed
- Only available for properties with no direct stormwater connection and only contribute overland flow via green space

Hamilton Harbour Discharge Credit

- Property owners can apply for up to a 90% credit if they can demonstrate that the property's stormwater fully discharges to Lake Ontario which is provincial jurisdiction

Stormwater Management Infrastructure Credit

- Property owners will be able to apply for a credit of up to 50% if they reduce the quantity and/or improve the quality of stormwater that runs off their property

Appeals process will be developed

Green Space Credit

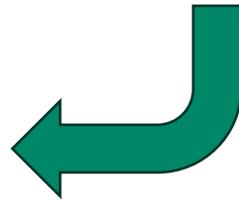
- No application involved
- Based on % impervious compared to a SFD and the ratio of run-off from green surface vs. hard surface
- Only applies to non-residential impervious areas. Still pay 1 billing unit per dwelling unit

Calculation

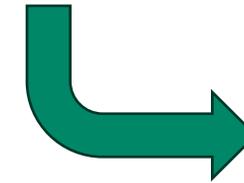
Fee = (# of residential dwellings * rate for 1 billing unit) +

$$\text{non-res rate} \times \left[\frac{\% \text{ imp of property}}{\% \text{ imp of avg SFD (60\%)}} \right] \times \left[\frac{\text{run-off coeff from green space (0.1)}}{\text{run-off from avg SFD (0.6)}} \right]$$

Varies by property



Reduces by 83%



Estimated Fee for Example Agricultural Properties that Discharge all Stormwater to Large Green Areas

| | Example Agricultural Property | | | | | | |
|------------------------------------|---|---------|----------|---------|---------|---------|----------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| property size (acres) | 104 | 48 | 135 | 49 | 145 | 6 | 158 |
| impervious area (m ²) | 1,513 | 3,841 | 36,928 | 16,063 | 9,632 | 15,801 | 132,492 |
| total # billing units | 6.2 | 14.2 | 129.9 | 56.2 | 34.1 | 56.3 | 455.3 |
| Fee Type | Proposed annual rate | | | | | | |
| Base Fee with no credit | \$1,054 | \$2,584 | \$22,082 | \$9,554 | \$5,798 | \$9,570 | \$77,402 |
| Fee with Green space credit | \$171 | \$182 | \$915 | \$381 | \$196 | \$2,009 | \$4,455 |
| | Net change in stormwater funding contributions | | | | | | |
| | \$171 | \$182 | \$915 | \$381 | \$196 | \$2,009 | \$4,455 |
| | % credit | | | | | | |
| | 84% | 93% | 96% | 96% | 97% | 79% | 94% |

Based on **\$170** per unit

* Properties presented Nov 30th at Committee meeting

Estimated Fee for Other Properties that Discharge all SW to Large Green Areas

| | Ancaster Fairgrounds | White Brick Church & Cemetery | Bellstone Christian School |
|------------------------------------|----------------------|-------------------------------|----------------------------|
| property size (acres) | 98.6 | 1.5 | 8.9 |
| impervious area (m ²) | 104,200 | 374 | 5,181 |
| total # billing units | 358.1 | 1.3 | 17.8 |
| Fee Type | Proposed Annual Rate | | |
| Base Fee with no credit | \$60,873 | \$218 | \$3,027 |
| Fee with Green space credit | \$4,415 | \$170 | \$170 |
| Wastewater restatement | | | |
| | -\$8,268 | n/a | n/a |
| Net change in SW funding | | | |
| | -\$3,853 | \$170 | \$170 |

Based on
\$170 per
unit

Next Steps

1

Post the public consultation summary

2

Present to Council (General Issues Committee) – June (tbc)

Guiding Principles

1. Fair & equitable
2. Climate resilient & environmentally sustainable
3. Affordable & financially sustainable
4. Justifiable
5. Simple

The image features a serene landscape with a large body of water in the foreground and middle ground. In the background, there is a line of trees and a clear sky. The foreground is filled with green foliage, including some purple flowers. The AECOM logo and tagline are overlaid on the water. The logo 'AECOM' is in a bold, white, sans-serif font. The tagline 'Delivering a better world' is in a smaller, white, serif font.

AECOM Delivering a
better world

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