



GEORGINA

Stormwater Rate Assessment

Council Presentation - February 28, 2024



330 Rodinea Road, Unit 3
Vaughan, Ontario, Canada L6A 4P5



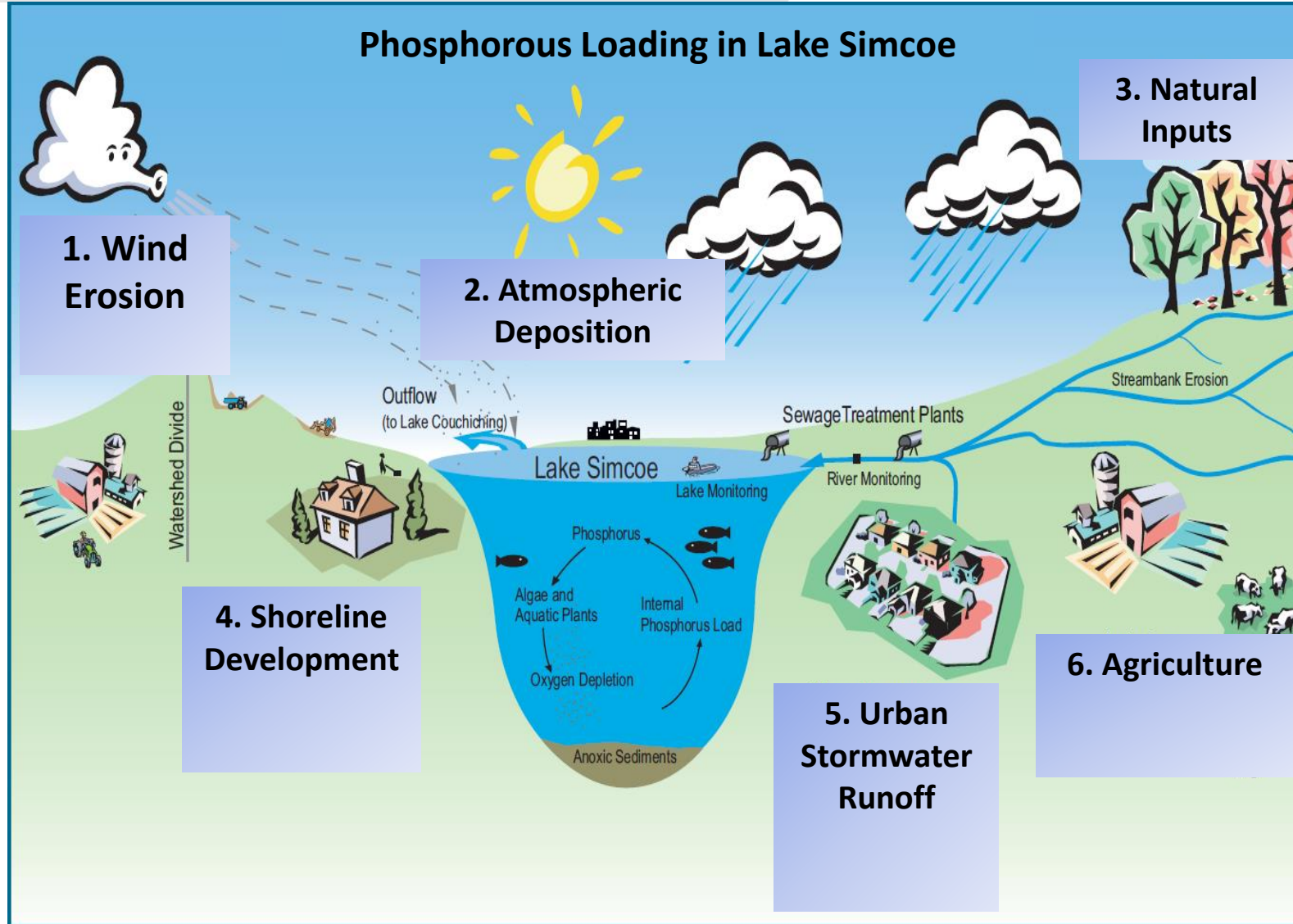
(905) 417-9792



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Protecting our Water Resources



What is Stormwater Management?

The protection of community and the Environment through:

- Collection of runoff to reduce property flood risk
- Storage and treatment of stormwater to protect river systems and protect downstream areas from erosion and flood risk
- More resilient infrastructure replacement to meet climate change needs



What is a Stormwater Rate Charge?



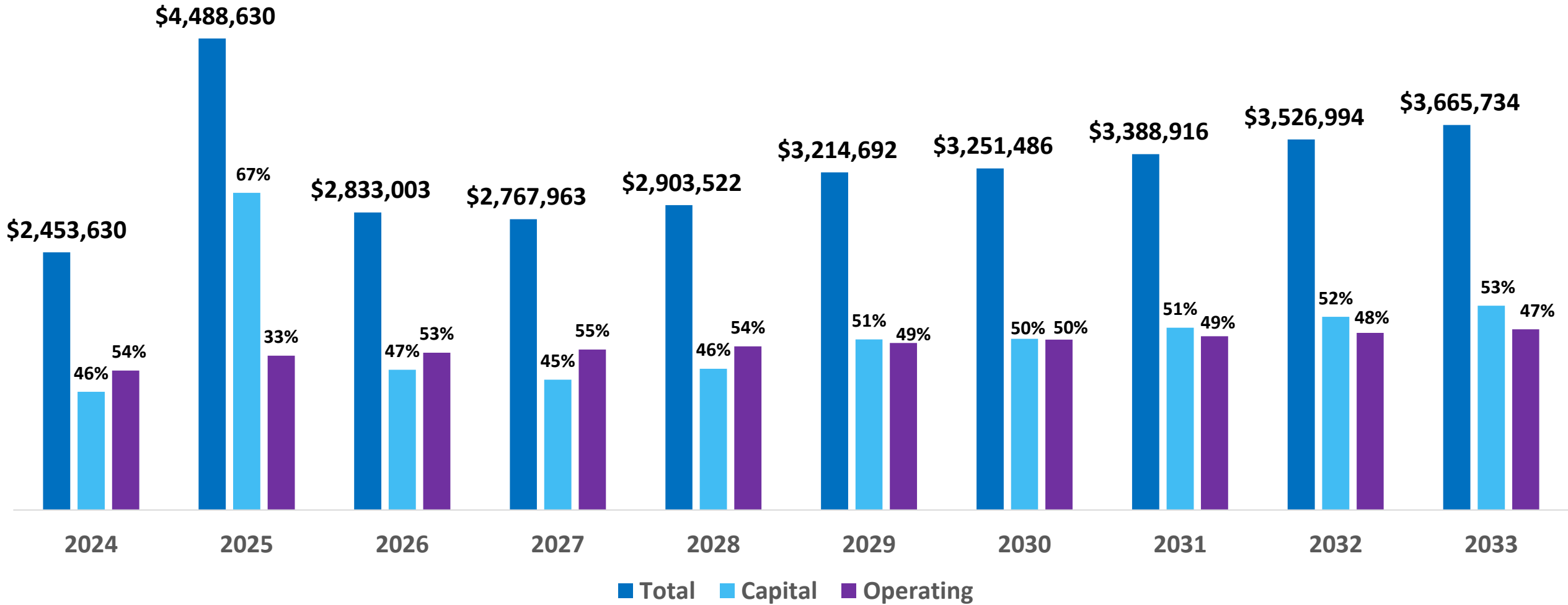
- A charge levied by the Municipality on property owners to maintain stormwater infrastructure.
- A reliable and sustainable approach to stormwater management

Scope:

- Background review of Asset Management Plan
- Review current financial plans for stormwater program
- Evaluate potential funding strategies
- Present rate-based property charge that is equitable and sustainable for the community



Georgina Stormwater Capital and Operating Costs

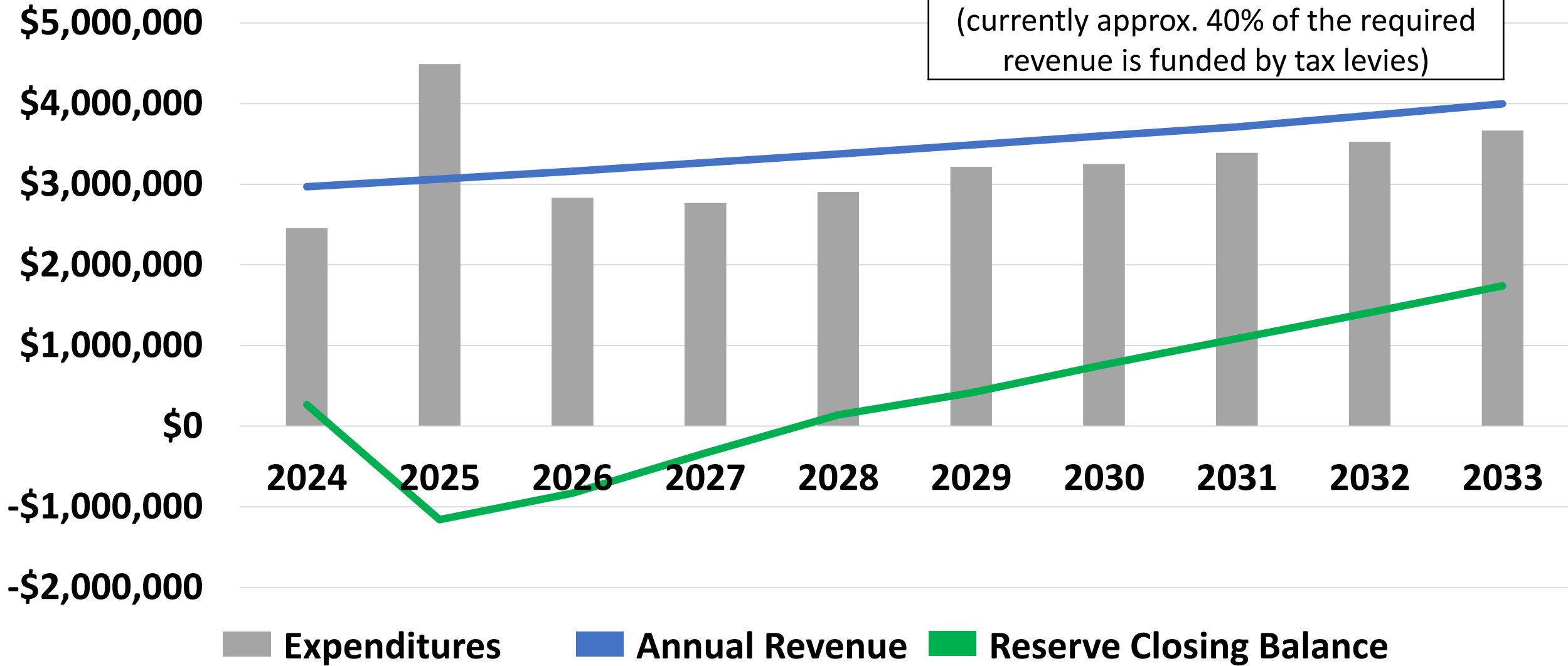


Reserve Goal: 50% of Average Annual Expenditure by 2033

Average Annual Revenue Requirement

\$3,448,000

(currently approx. 40% of the required revenue is funded by tax levies)



Expenditures



Annual Revenue



Reserve Closing Balance

1. General Revenue Approach

- Distribution based on Current Assessment Value

2. Flat Rate Approach

- Simple flat rate across every property

3. Land Area Approach

- Approach based on allocating costs per acre

4. Impervious Surface Area Approach

- Based on impervious area of property (roofs, parking lots, etc.)

5. Land Use Coefficients Runoff Approach

- Defined by municipal stormwater engineering design guidelines

6. Property Frontage Approach

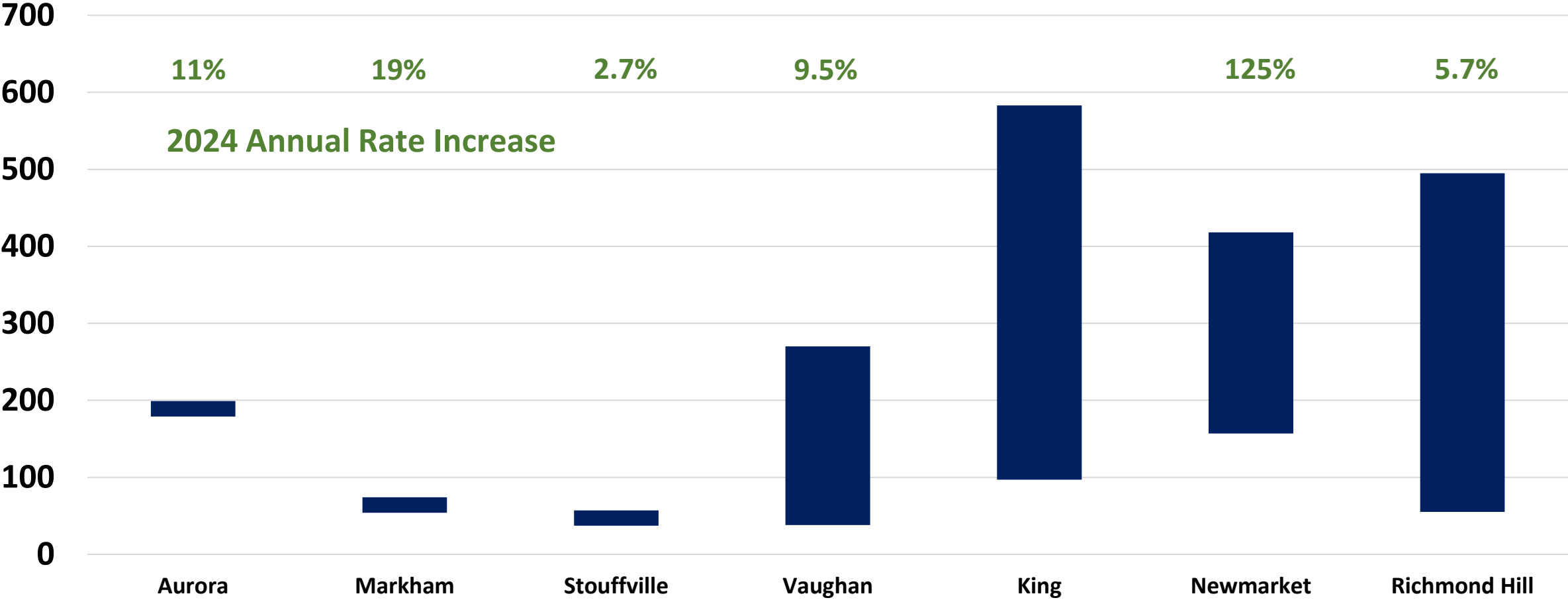
- Based on property frontage area from MPAC data

Evaluating Funding Strategies

Funding Option	Avg. Cost Residential	Avg. Cost ICI	Avg. Cost Farm	Fair and Equitable Allocation	Cost to Administer	Public Accountability
1. General Revenue Approach	\$136	\$318	\$44	Medium - based on assessed value	Low - easily incorporated based on MPAC data	Medium – somewhat logical and similar approach as nearby municipalities
2. Flat Rate Approach	\$165	\$135-240	\$165	Low - same for all properties	Low - one fee for all properties	Low – not related to service use
3. Land Area Approach	\$31	\$340	\$2,960	Medium - Based on property size	Medium - based on MPAC data with some customization needed	Medium – somewhat logical but heavy burden on farmland
4. Impervious Surface Area Approach	\$155	\$389	\$245	High – based on each property’s hardscape area	High – significant resources and updating required	High - most related to service use
5. Land Use Runoff Coefficients Approach	\$97	\$1,923	\$407	Medium - Based on simplified runoff assumptions	High - significant resources, especially at startup	High – high relation to service use
6. Property Frontage Approach	\$117	\$595	\$319	Medium - Based on property frontage	Low - easily incorporated based on MPAC data	Medium – somewhat logical but heavy burden on farmland

Comparison to York Region Municipalities

EST. RESIDENTIAL RATE RANGE (2024)



Next Steps

Following this Presentation:

- Release study on March 8: [georgina.ca/StormwaterRate](https://www.georgina.ca/StormwaterRate)
- Hold a Public Engagement Session
 - March 18 from 6-8pm
 - Council Chambers
 - 26557 Civic Centre Road, Keswick, ON
- Engage in communications outreach to residents and stakeholders through social media and our website:
[georgina.ca/StormwaterRate](https://www.georgina.ca/StormwaterRate)
- Engage with committees:
 - Georgina Environmental Advisory Committee
 - Georgina Agricultural Advisory Committee
- Council report April 24, 2024



Who's Listening?

Town of Georgina
Dina Havkin, CPA, CMA
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CIVICA
Water Management Solutions



GEORGINA

THANK YOU



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Appendix

Only Residential and ICI Properties Included, Farmland Removed:

Approach	% Increase in Rate per Assessed Property
General Revenue	1%
Flat Rate	3%
Land Area	337%
Impervious Surface Area	6%
Land Use Coefficients Runoff	20%
Frontage	33%