

Operating business case

26-NI-ST-01

Request: Reducing Lake Simcoe nutrient loading

Department: Operations and Infrastructure

Division: Stormwater

Budget request: \$80,000

Funding source: Stormwater rate

Project highlights:

What: Enhanced sedimentation collection by street sweeping and catch basin cleaning in hydrologically vulnerable corridors

Why: To significantly reduce Lake Simcoe nutrient loading

When: Q2 2026 and ongoing

Where: Town wide

Project details and justification:

This initiative will be used to enhance proactive sediment collection services in hydrologically vulnerable corridors. It will increase street sweeping to twice per year and increase catch basing cleaning to once per year in all areas where stormwater is at risk to directly enter the Lake Simcoe watershed prior to being filtered through a storm pond. This will result in an addition of 550 Catch basin cleanings per year and an addition of approximately 180 hours of street sweeping.

The proactive approach will directly help to prevent nutrient loading in Lake Simcoe. Preventing one kilogram of mixed urban street sediment from entering the watershed could offset approximately one to five grams of total phosphorus.

Nature of initiative/review factors:

- Legislative Growth Risk management Service level change
- Strategic priority Efficiency Adopted plan/study
- Other (please specify):

Link to Strategic Plan, Departmental Business Plans or other plans:

- Advancing environmental sustainability
 - Support Georgina’s resilience through environmental sustainability and climate mitigation and adaptation
 - Celebrate and respect Georgina’s natural environment, including Lake Simcoe
- [Climate Action Plan \(2025\)](#)
 - Reduce nutrient loading in Lake Simcoe for continued use and enjoyment