

Litter Trap Initiative

Presented by Amanda Azzopardi, Environmental Services



Application

- The reusable mesh basket is installed inside the catch basin below the storm grate.
- The trap captures plastics and other pollutants to keep our waterways clean.
- Environmental Services inspect the traps on a regular basis, empties and records as needed.



Pilot Project

- In 2021, the City's Environmental Services department installed three Enviropod LittaTraps.



Program Expansion

- In 2022, Environmental Services applied and received funding from the Ministry under the Great Lakes and Local Action Fund.
- In 2023, the City installed a total of 20 litter traps.
- Targets:
 - High traffic areas
 - Discharge into the Moria



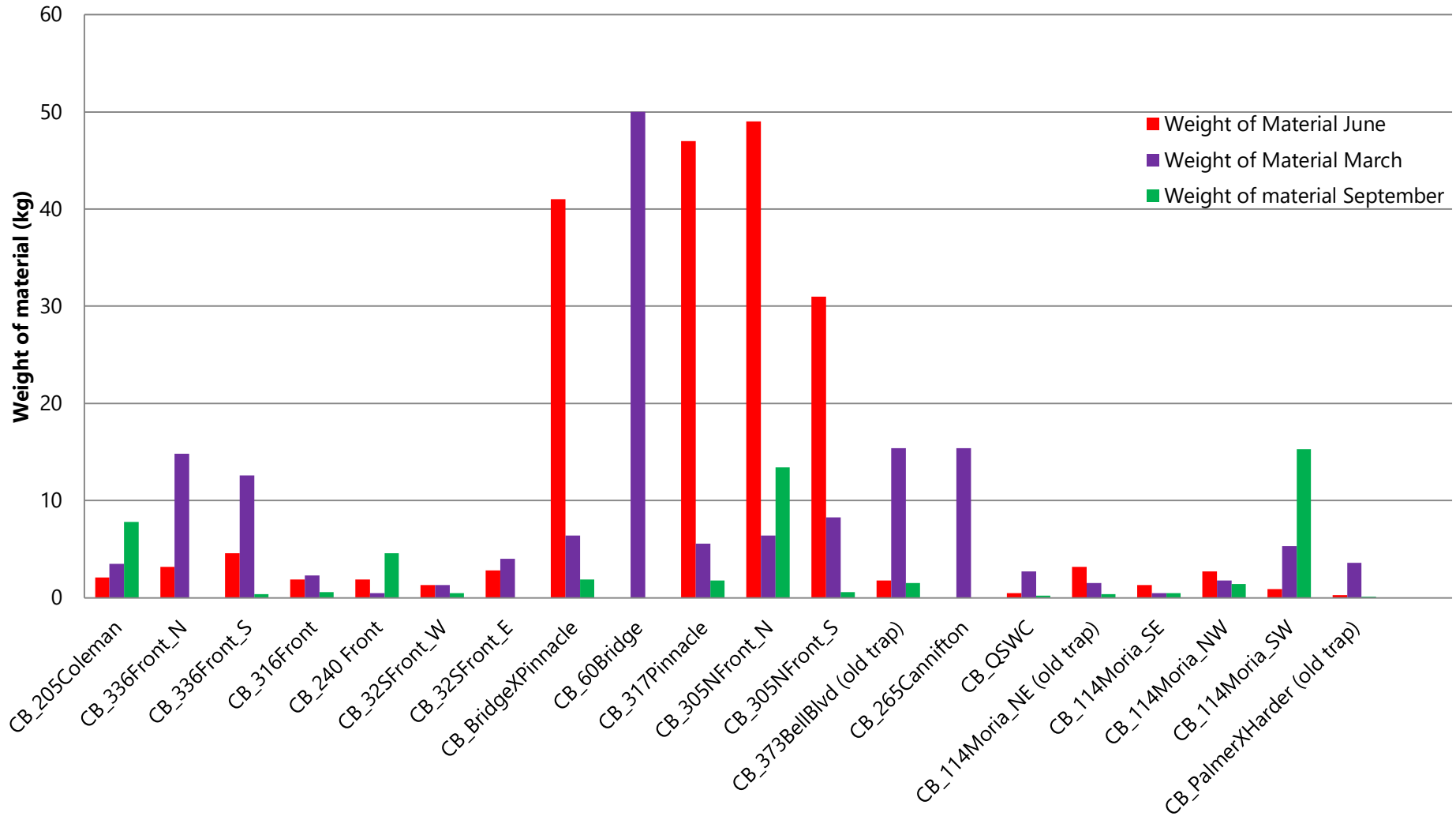
Developing Methodology

- Traps have the capabilities to capture litter and debris larger than 5mm.
- Unexpected- we were able to collect quite a bit of sediments in the traps.



Capture Rates

Weight of Material



Materials Found



March 2023

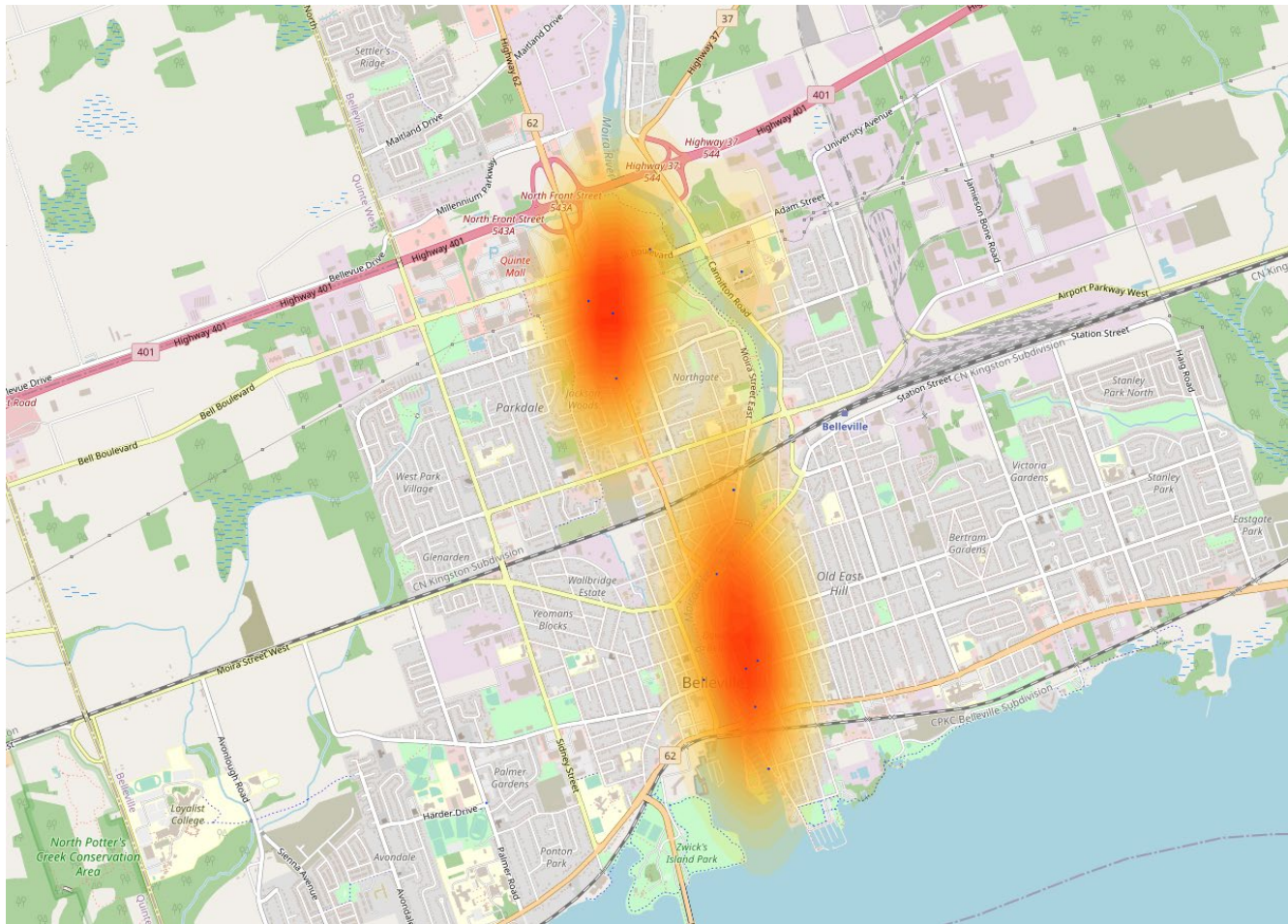


June 2023



September 2023

Litter Density Map



Sharing Success

- The City launched the "Find the Waves" initiative.



Wege Award 2023

- Wege Small Cities Sustainability Best Practices Award



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Future Projects

- Storm pond naturalized pilot project.
- Appropriate wildflower seed mix.
- Phase one- October 2023



Thank you



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