

If this information is required in an alternate format, please contact the Accessibility Coordinator at 905-623-3379 ext. 2131.

**To: Mayor and Members of Council**  
**From: Stephen Brake, Director of Public Works**  
**Date: June 15, 2021**  
**Re: Bowmanville Fishway Fish Counter**

Representatives from the Bowmanville Creek Conservation Group are requesting financial assistance from the Municipality of Clarington to install a fish counter at the Bowmanville Creek Fishway. When installed, the fish counter will be able to identify different species of fish and also provide a live video stream that will be posted online and accessible to the public. Analysis of the collected data will help support modifications to the fishway to ensure a healthy and vibrant fish community. The species of fish that currently use the Bowmanville Creek Fishway for migratory and spawning purposes include Rainbow Trout, Brown Trout, Chinook Salmon, Coho Salmon and Atlantic Salmon.

The specific objectives of the Fish Counter include:

1. Improve the efficiency and effectiveness of fish passage through the fishway;
2. Provide long-term fish community monitoring data;
3. Provide long-term invasive species monitoring data;
4. Provide long-term Atlantic Salmon re-introduction monitoring data.

Funding support for the purchase of the Fish Counter and its on-going maintenance has been confirmed from a number of sources including TD Friends of the Environment, Ontario Power Generation, Ontario Ministry of Natural Resources and Forestry, Central Lake Ontario Conservation, Municipality of Clarington, Elexicon Energy, Valleys 2000 and Bring Back the Salmon Lake Ontario Project.

The proposed budget for the Fish Counter is provided as follows:

Item	Cost
Purchase and Supply of Fish Counter and associated equipment	\$12,000
Maintenance and data processing for 5-year period	\$25,000
Design/supply/install project sign	\$1,000
Hydro Connection	\$15,000

Project start and end dates are proposed to be July 2021 to July 2031. Project funders will be recognized through signage, partner websites, social media, news releases, an Annual Monitoring Report and a power point presentation for community engagement activities and schools.

The Bowmanville Creek Conservation Group is requesting a further contribution from the Municipality to fund the \$15,000 Hydro Connection as noted in the above table. If supported by Council, this initiative is recommended to be funded from the 2021 Capital Account that was approved for other “outdoor recreation needs to be determined”. To date, no funds have been assigned or expended from this specific account.

Regards,

A handwritten signature in blue ink, appearing to read "S. Brake".

Stephen Brake  
Director  
Public Works Department