



COMMUNICATION UPDATE

TO:	Mayor and Members City Council
DATE:	August 11, 2022
SUBJECT:	Chedoke Creek Remediation - HW.22.06 (City Wide)
WARD(S) AFFECTED:	City Wide
SUBMITTED BY:	Cari Vanderperk Director, Watershed Management Public Works Department
SIGNATURE:	

Prior to moving ahead with targeted dredging in Chedoke Creek, Species at Risk (SAR) investigations were required by Fisheries and Oceans Canada and the Ministry of the Environment, Conservation and Parks. The investigation concluded that the Lilliput mussel was the only SAR identified that has the potential to be within the project area.

Earlier this summer, mussels were collected and relocated by two qualified aquatic biologists and last week, the City of Hamilton completed habitat enhancements for the Lilliput mussel host species, the bluegill and sunfish. The enhancements were in accordance with Ministry of the Environment, Conservation and Parks Lilliput mussel Overall Benefit Permit for the targeted dredging of Chedoke Creek.

The enhancements included the addition of brush piles, artificial nesting structures and root wads in the Westdale Inlet within Cootes Paradise. This location was selected due to its known presence of Lilliput mussels. These enhancements will provide the bluegill and sunfish shaded areas to rest, spawn, and escape predators. The enhancements will be monitored annually, concluding three (3) years after implementation.

In addition to this work, and also specified in the permit, education and awareness training is provided to all individuals engaging in project activities. The training includes;

- all requirements within the Lilliput mussel Overall Benefit Permit;
- the presence and identification of the Lilliput mussel and its habitat at the site;
- potential threats posed by the project to the Lilliput mussel and its habitat; and
- mitigation efforts that must be taken to minimize harming the Lilliput mussel.

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OUR Mission: To provide high quality cost conscious public services that contribute to a healthy, safe and prosperous community, in a sustainable manner.

OUR Culture: Collective Ownership, Steadfast Integrity, Courageous Change, Sensational Service, Engaged Empowered Employees.

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For regular updates on project progress please reference the story map on the Chedoke Creek Remediation website at www.hamilton.ca/chedokecreekremediation.

If you have any questions, please contact Cari Vanderperk, Director, Watershed Management, by phone at ext. 3250 or e-mail at Cari.Vanderperk@hamilton.ca.

APPENDICES AND SCHEDULES ATTACHED

Not Applicable.