




Hamilton

INFORMATION UPDATE

TO:	Mayor and Members City Council
DATE:	March 8, 2019
SUBJECT:	Clean Harbour Program - Woodward Upgrades Project Update (HW.19.02)
WARD(S) AFFECTED:	City Wide
SUBMITTED BY:	Andrew Grice Director, Hamilton Water Public Works
SIGNATURE:	

The Clean Harbour Program is a series of projects designed to improve the water quality in Hamilton Harbour and ultimately to assist in the de-listing of Hamilton Harbour as an Area of Concern with the International Joint Commission. The City's largest investment in the Clean Harbour program is a multi-phase plan to upgrade the Woodward Wastewater Treatment Plant (WWTP). Considering that the Woodward WWTP effluent discharge is the largest single source of water flowing into the Hamilton Harbour, the quality of the effluent has a direct impact on water quality and environmental health.

The upgrades at the Woodward WWTP consists of three (3) main contracts:

- a. Contract 1 – Main Pumping Station
- b. Contract 2 – Electrical and Chlorination Upgrades
- c. Contract 3 – Tertiary Treatment Upgrades

Contract 1 and 2 were awarded in 2017 and represent a construction value of approximately \$150M. Construction is progressing well and both contracts are on schedule to meet the substantial completion deadline as stipulated in the \$200M Green Infrastructure Fund (GIF) Agreement.

In November 2018, the City pre-qualified three General Contractors for Contract 3; North America Construction (1993) Ltd., Maple Reinders Constructors Ltd., and Graham Construction and Engineering LP. The Request for Tender closed on February 28, 2019 and the City received two bids. The low bidder was North America Construction (1993) Ltd. at \$165.3 M which is in line with our pre-tender estimate and within the approved program budget. We are currently in the process of working with the City's Procurement

OUR Vision: To be the best place to raise a child and age successfully.

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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Section in the review of the bids for compliance and completeness, followed by award of the Contract. Assuming there are no issues with the award of Contract 3 to the low bidder, it is anticipated that construction will start in April/May 2019 with a scheduled completion date of December 31, 2021.

This is a very significant milestone for the Clean Harbour Program. The addition of Tertiary Treatment, the expansion of process areas and improvements to Red Hill Creek will enhance the Woodward WWTP effluent quality to meet targets set by the Hamilton Harbour Remedial Action and assist with the de-listing of Hamilton Harbour as an Area of Concern under the International Joint Commission.