

Woodward Wastewater Treatment Plant Upgrades Project Schedule

In 2008, the City completed the Woodward Avenue Wastewater Treatment Plant (WWTP) Service Area Schedule 'C' Environmental Study Report to determine a plan for upgrades to the Woodward WWTP to manage wet weather flows, provide treatment capacity, and meet treatment objectives defined by the Hamilton Harbour Remedial Action Plan, the Ministry of Environment, Conservation and Parks and the Federal Environmental Protection Act. Below is a summary of the projects currently being implemented as part of this study:

start date

2010

Woodward WWTP Upgrades Community Liaison Committee (CLC) established to receive input from local community members on issues related to the implementation of upgrades to the Woodward WWTP. The CLC serves as a forum for the exchange of information between the City and representatives from the project community. The CLC focuses on the 'how' to assist in informing, engaging and hearing the community during all phases of the project.

Status: Ongoing

2016

MECP mandated Red Hill Creek Monitoring Program including baseline water quality, benthic invertebrate and receiving water impact assessment to assess and monitor the long-term impacts of the Sewage Treatment Plant on the Red Hill Creek as a result of the Woodward Upgrades project.

Status: Ongoing until at least 2031

Expansion of the primary treatment system with two new primary clarifiers to provide a firm primary capacity of 1,300 MLD.

2017

Power upgrades to provide the necessary power supply for all existing and new processes at the Woodward Avenue WWTP.

New Wastewater Pumping Station with a firm capacity of 1,700 MLD.

Status: Estimated completion in 2021

Bypass chlorine contact tank or primary effluent bypasses.

Status: Completed in 2013

2019

Construction of a new 614 MLD disk filtration tertiary treatment facility and upgrades/expansion to the existing South Plant secondary treatment systems to allow both secondary treatment plants (North and South) to nitrify.

Modifications to approximately 900m of Red Hill Creek, including stream widening, construction of aquatic and terrestrial habitat improvements as well as construction of a new outfall to deliver tertiary treated, disinfected effluent to the Red Hill Creek.

Construction of a new chlorine contact tank for tertiary treatment effluent.

Status: Estimated completion in 2021