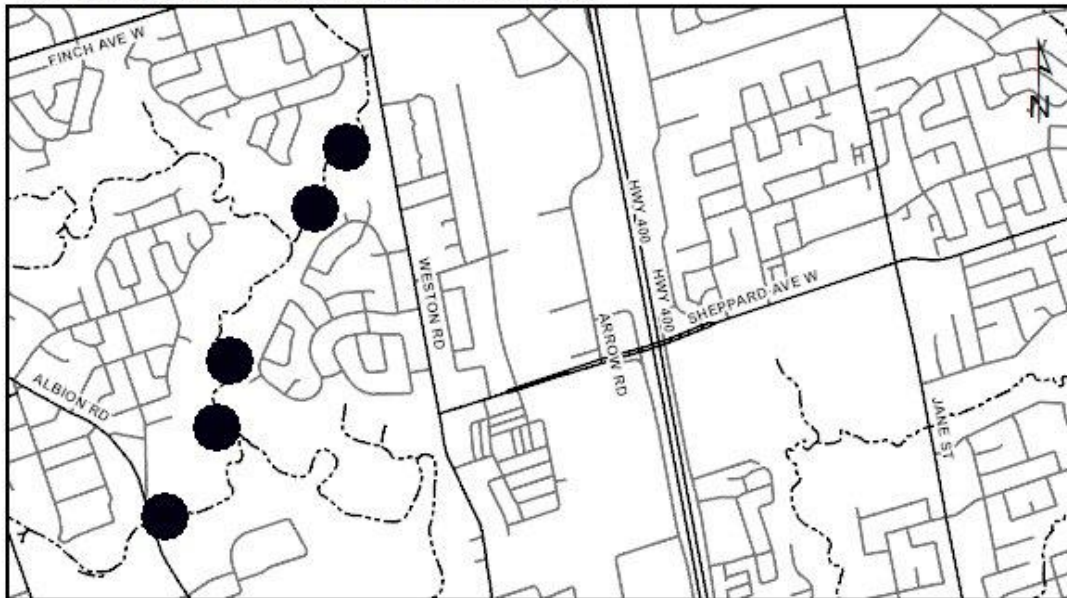


CITY OF TORONTO (NORTH YORK COMMUNITY COUNCIL AREA)

10.5 IMPERIAL OIL LIMITED

To construct, reconstruct, erect or place a building or structure, site grade and interfere with a wetland along the hydro corridor from east of Islington Avenue, to Finch Avenue, in the City of Toronto, Humber River Watershed as located on the property owned by Hydro One/Infrastructure Ontario; the City of Toronto and the Toronto and Region Conservation Authority (TRCA) under Management Agreement with the City of Toronto. The purpose is to replace the existing 63 km Sarnia Products Pipeline (SPPL) from the City of Hamilton (Waterdown Station) to the terminal storage facility in Toronto's North York area. Work within TRCA's jurisdiction has been divided into 6 separate permit applications (CFN's 61878, 61879, 61880, 61881, 61882, 61883). This application (CFN 61882) includes the replacement of an existing 12-inch diameter pipeline along the hydro corridor from east of Islington Avenue, to Finch Avenue in the City of Toronto.

MAP LOCATION: Imperial Oil Pipeline - east of Islington Avenue



The permit will be issued for the period of November 6, 2020 to November 5, 2022 in accordance with the following documents and plans which form part of this permit:

- **Letter of undertaking - (CFN 61878, 61879, 61881, 61882, 61883); prepared by Imperial Oil Limited; Dated October 30, 2020; received by TRCA on October 30, 2020.**

RATIONALE

The application was reviewed by staff on the basis of the following information:

Proposal:

Imperial Oil Limited is proposing to replace approximately 63 km of the existing Sarnia Products Pipeline (SPPL) between the pumping station in rural Hamilton (Waterdown Station) and its terminal storage facility in Toronto's North York area.

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This segment of the existing pipeline is reaching its end-of-life, and Imperial Oil is proactively replacing this pipeline to continue safe and reliable delivery of refined fuel product such as jet fuel, gasoline and diesel fuel to service the movement of people, goods and services throughout the region, including the Toronto Pearson International Airport.

The existing pipeline will continue to operate until the new pipeline has been installed, at which point the transmission of fuel will be transferred from the existing to the new pipeline. The existing pipeline will then be deactivated, removed from service, cleaned and left in place. The existing pipeline is located within an existing 15 m Imperial Oil right-of-way (ROW) for approximately 18.8 km and within a ROW managed by HydroOne Networks Inc. (HONI) for approximately 43 km.

Work within TRCA's jurisdiction has been divided into 6 separate permit applications. This application (CFN 61882) involves the installation of a 12-inch diameter pipeline along the hydro corridor from east of Islington Avenue, to Finch Avenue in the City of Toronto. The method of installation under the West Humber River, the Humber River and Emery Creek, will be by Horizontal Directional Drill (HDD), with a minimum depth of 20 m under the watercourses. There is also one Headwater Drainage Feature (HDF) that will be an open-cut crossing located on the West Humber River.

Shut off valves will be installed along the new pipeline.

Control of Flooding:

No impacts are anticipated to the storage or conveyance of flood waters.

Pollution:

Imperial Oil is providing erosion and sediment control (ESC) measures including heavy duty silt fence, sediment filter bag, erosion control matting, and sediment logs which will be installed based on site conditions. The ESC's will be installed prior to construction and maintained for the duration of construction, and until the site is stabilized and restored in order to prevent construction generated sediments from entering the watercourse. These measures have been provided in accordance with the TRCA Erosion and Sediment Control Guide for Urban Construction (2019).

Dynamic Beaches:

Not applicable.

Erosion:

No geotechnical/slope stability issues have been identified.

Conservation of Land:

Archaeology investigations were completed on TRCA lands and no adverse impacts are anticipated from the proposed works. To protect local fish populations during their spawning, nursery and migratory periods, the contractor/proponent should ensure that in- water/near-water activities occur within the applicable timing window. The proponent/contractor should confirm timing window application and dates directly with appropriate Provincial and Federal agencies.

Plantings

Disturbed areas will be restored and stabilized with a native non-invasive seed mix and cover crop following the completion of work. Swamp mats will be used to minimize impacts to existing wetlands as a result of construction activities and will allow for natural regeneration post construction.

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Policy Guidelines:

This proposal complies with Section 8.7 Interference with a Wetland and Section 8.9 Infrastructure Policies of The Living City Policies for Planning and Development in the Watersheds of the Toronto and Region Conservation Authority.

CFN: 61882 - Application #: 0782/19/TOR

Report Prepared by: Caroline Mugo, extension 5689, email caroline.mugo@trca.ca

For information contact: Caroline Mugo, extension 5689, email caroline.mugo@trca.ca

Date: November 4, 2020