

Section IV – Ontario Regulation 166/06, As Amended

TO: Chair and Members of the Executive Committee
Friday, February 5, 2021 Meeting

FROM: Sameer Dhalla, Director, Development and Engineering Services

RE: **APPLICATIONS FOR PERMITS PURSUANT TO ONTARIO REGULATION 166/06, AS AMENDED**
Development, Interference with Wetlands and Alterations to Shorelines and Watercourses

KEY ISSUE

Pursuant to Ontario Regulation 166/06, as amended, written permission from the Authority is required for:

- a) straightening, changing, diverting or interfering in any way with the existing channel of a river, creek, stream or watercourse, or for changing or interfering in any way with a wetland;
- b) development, if in the opinion of the Authority, the control of flooding, erosion, dynamic beaches or pollution or the conservation of land may be affected by the development.

A permit may be refused through a Hearing Process, if in the opinion of the Authority, the control of flooding, erosion, dynamic beaches, pollution or the conservation of land is affected.

RECOMMENDATION

THAT permits be granted in accordance with Ontario Regulation 166/06, as amended, for the applications which are listed below:

MAJOR PERMIT APPLICATION 10.2 – REGULAR – FOR APPROVAL

Applications that involved a more complex suite of technical studies to demonstrate consistency with policies; applications that cover a significant geographic area, extensive modifications to the landscape, major infrastructure projects, applications requiring site specific conditions and permissions that extend beyond two years.

CITY OF TORONTO (ETOBICOKE YORK COMMUNITY COUNCIL AREA)

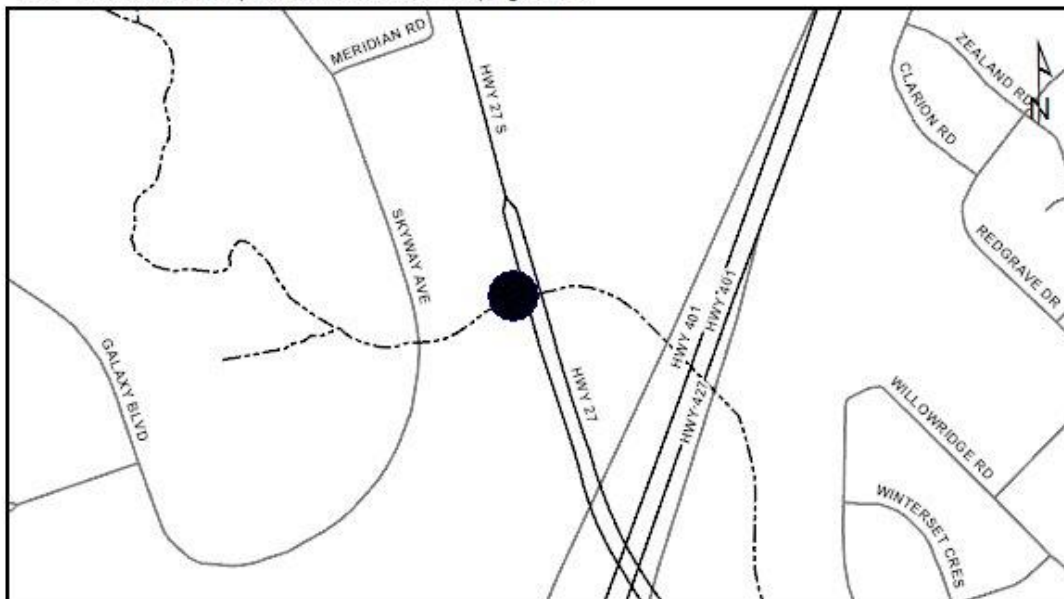
10.1 IMPERIAL OIL LIMITED

To construct, reconstruct, erect or place a building or structure and site grade near/along the hydro corridor from Renforth Drive, crossing north of Highway 401 and Highway 27 and along the hydro corridor to Kipling Avenue, in the City of Toronto (Etobicoke York Community Council Area), Mimico Creek Watershed as located on the property owned by the Apostolic Catholic Assyrian Church of the East, HydroOne/Infrastructure Ontario and 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 61880) includes the replacement of an existing 12-inch diameter

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pipeline along the hydro corridor from Renforth Drive, crossing north of Highway 401 and Highway 27, and along the hydro corridor to Kipling Avenue, in the City of Toronto.

MAP LOCATION: Imperial Oil Renforth Drive to Kipling Avenue



The permit will be issued for the period of February 5, 2021 to February 4, 2023 in accordance with the following documents and plans which form part of this permit:

- **Letter of undertaking – CFN 61880; prepared by Imperial Oil Limited; Dated January 22, 2021; received by TRCA on January 22, 2021.**

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. 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 61880) involves the installation of a 12-inch diameter pipeline along the hydro corridor from Renforth Drive, crossing north of Highway 401 and Highway 27, and along the

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hydro corridor to Kipling Avenue, in the City of Toronto. The method of installation under Mimico Creek will be by Horizontal Directional Drill (HDD), with a minimum depth of 20 m under the creek. Shut off valves will also be installed along the new pipeline; however, no valves are located within the TRCA regulated areas.

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:

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.

Policy Guidelines:

This proposal complies with 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: 61880 - Application #: 0784/19/TOR

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Date: January 26, 2021