

## Item 10.2

### **PERMIT APPLICATIONS 10.2 - 10.6 ARE MAJOR APPLICATIONS 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.

### **RECOMMENDATION**

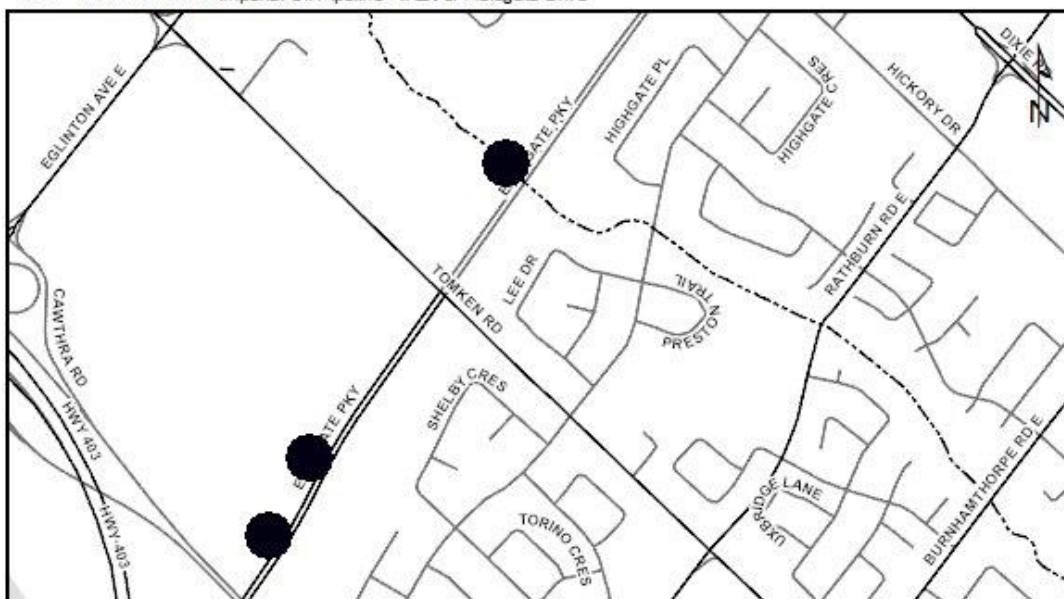
**THAT permits be granted in accordance with Ontario Regulation 166/06, as amended, for the applications which are listed below:**

### **CITY OF MISSISSAUGA**

#### **10.2 IMPERIAL OIL LIMITED**

To construct, reconstruct, erect or place a building or structure, site grade and interfere with a wetland along the hydro corridor north of Eastgate Parkway, from Highway 403 to Fieldgate Drive, in the City of Mississauga, Etobicoke Creek Watershed as located on the property owned by Hydro One/Infrastructure Ontario; the Ministry of Government and Consumer Services; the City of Mississauga and the Regional Municipality of Peel. 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 61878) includes the replacement of an existing 12-inch diameter pipeline along the hydro corridor north of Eastgate Parkway, from Highway 403 to Fieldgate Drive, in the City of Mississauga.

**MAP LOCATION:** Imperial Oil Pipeline - west of Fieldgate Drive



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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; 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. 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 61878) involves the installation of a 12-inch diameter pipeline along the hydro corridor north of Eastgate Parkway, from Highway 403 to Fieldgate Drive, in the City of Mississauga. The method of installation under Little Etobicoke Creek will be by Horizontal Directional Drill (HDD), with a minimum depth of 20 m under the creek. The pipe will be installed using open cut technology adjacent to wetlands located between Cawthra Road and Tomken Road. The open cut is required, rather than HDD, to accommodate construction under existing power lines. Through the wetland, the open cut will be adjacent to the existing pipeline easement. Disturbance to the wetland has been minimized to the greatest extent possible by locating the pipeline at the southern edge of the wetland only. Shut off valves will be installed along the new pipeline to provide further protection.

#### 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.

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### 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. 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.

### 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: 61878 - Application #: 0783/19/MISS**

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**Date: November 4, 2020**