

Item 11.1

Section IV – Ontario Regulation 166/06, As Amended

TO: Chair and Members of the Executive Committee
Meeting #8/18, October 5, 2018

FROM: Carolyn Woodland, Senior Director, Planning and Development

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 APPLICATIONS 11.1 - 11.2 – 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 specific conditions and permissions that extend beyond two years.

CITY OF TORONTO (NORTH YORK COMMUNITY COUNCIL AREA)

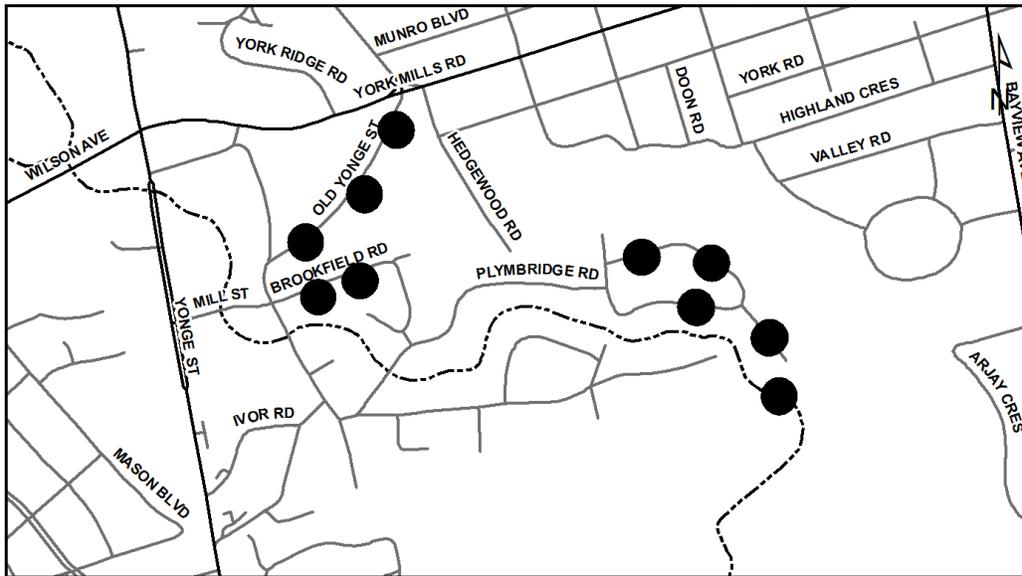
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To construct, reconstruct, erect or place a building or structure, site grade, temporarily or permanently place, dump or remove any material, originating on the site or elsewhere, and alter a watercourse, on Green Valley Road, York Valley Crescent, Brookfield Road, Donino Avenue, Old Yonge Street, and the Rosedale Golf Club (1901 Mount Pleasant Road), near Yonge Street and York Mills Road, in the City of Toronto (North York Community Council Area), Don River Watershed, as located on property owned by the City of Toronto and the Rosedale Golf Club. The purpose is to carry out stormwater management improvements. Works will involve reconstruction of storm sewers and existing roadway, as well as construction of a new outfall structure. The Ministry of

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Natural Resources and Forestry warm water fisheries timing window will apply to this proposal.

MAP LOCATION: Green Valley Road, York Valley Crescent, Old Yonge Street, Brookfield Road



The permit will be issued for the period of October 5, 2018 to October 4, 2020 in accordance with the following documents and plans which form part of this permit:

- **Drawing no. M-5407-009; Hoggs Hollow - Phase 6: Storm Sewer, Watermain Replacement and Road Reconstruction, Contract No. 17ECS-TI-06LR; prepared by City of Toronto Engineering and Construction Services; dated September 27, 2017; received by TRCA on October 16, 2017;**
- **Drawing no. P-5407-018 (sheet 2 of 42); Hoggs Hollow - Phase 6: General Notes and Typical Details - 1, Storm Sewer and Road Reconstruction; prepared by City of Toronto Engineering and Construction Services; dated September 27, 2017; received by TRCA on May 10, 2018;**
- **Drawing no. P-5407-019 (sheet 3 of 42); Hoggs Hollow - Phase 6: General Notes and Typical Details - 2, Storm Sewer, Watermain Replacement and Road Reconstruction; prepared by City of Toronto Engineering and Construction Services; dated June 22, 2012; revised September 2017; received by TRCA on October 16, 2017;**
- **Drawing no. P-5407-020 (sheet 4 of 42); Donino Avenue: Storm Sewer, Watermain Replacement and Road Reconstruction from Brookfield to Outlet; prepared by City of Toronto Engineering and Construction Services; dated June 22, 2012; revised September 2017; received by TRCA on May 10, 2018;**
- **Drawing no. P-6330-001 (sheet 5 of 42); Old Yonge Street: Storm Sewer, Watermain Replacement and Road Reconstruction from STA 000+80.3 to STA 001+70; prepared by City of Toronto Engineering and Construction Services; dated June 22, 2012; revised September 2017; received by TRCA on February 14, 2018;**
- **Drawing no. P-6330-002 (sheet 6 of 42); Old Yonge Street: Storm Sewer, Watermain Replacement and Road Reconstruction from Brookfield Road to York Mills Road; prepared by City of Toronto Engineering and Construction Services; dated June 22, 2012; revised September 2017; received by TRCA on February 14, 2018;**

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- Drawing no. P-6330-003 (sheet 7 of 42); Old Yonge Street: Storm Sewer, Watermain Replacement and Road Reconstruction from STA 002+80 to STA 003+50; prepared by City of Toronto Engineering and Construction Services; dated June 22, 2012; revised September 2017; received by TRCA on February 14, 2018;
- Drawing no. P-5047-001 (sheet 8 of 42); Brookfield Road: Storm Sewer, Watermain Replacement and Road Reconstruction from Old Yonge Street to Plymbridge Crescent; prepared by City of Toronto Engineering and Construction Services; dated June 22, 2012; revised September 2017; received by TRCA on October 16, 2017;
- Drawing no. P-5047-002 (sheet 9 of 42); Brookfield Road: Storm Sewer, Watermain Replacement and Road Reconstruction from Old Yonge Street to Plymbridge Crescent; prepared by City of Toronto Engineering and Construction Services; dated June 22, 2012; revised September 2017; received by TRCA on October 16, 2017;
- Drawing no. P-5047-003 (sheet 10 of 42); Brookfield Road: Storm Sewer, Watermain Replacement and Road Reconstruction from Old Yonge Street to Plymbridge Crescent; prepared by City of Toronto Engineering and Construction Services; dated June 22, 2012; revised September 2017; received by TRCA on October 16, 2017;
- Drawing no. P-6452-012 (sheet 11 of 42); Brookfield Parkette: Storm Sewer Construction from Plymbridge Crescent to Brookfield Road; prepared by City of Toronto Engineering and Construction Services; dated June 22, 2012; revised September 2017; received by TRCA on October 16, 2017;
- Drawing no. P-5744-001 (sheet 12 of 42); Green Valley Road: Storm Sewer, Watermain Replacement and Road Reconstruction from May Tree Road to East End; prepared by City of Toronto Engineering and Construction Services; dated June 22, 2012; revised September 2017; received by TRCA on October 16, 2017;
- Drawing no. P-5744-002 (sheet 13 of 42); Green Valley Road: Storm Sewer, Watermain Replacement and Road Reconstruction from May Tree Road to East End; prepared by City of Toronto Engineering and Construction Services; dated September 2017; received by TRCA on October 16, 2017;
- Drawing no. P-5744-003 (sheet 14 of 42); Green Valley Road: Storm Sewer, Watermain Replacement and Road Reconstruction from May Tree Road to East End; prepared by City of Toronto Engineering and Construction Services; dated June 22, 2012; revised September 2017; received by TRCA on October 16, 2017;
- Drawing no. P-7147-001 (sheet 15 of 42); York Valley Crescent: Storm Sewer, Watermain Replacement and Road Reconstruction from May Tree Road to Green Valley Road; prepared by City of Toronto Engineering and Construction Services; dated June 22, 2012; revised September 2017; received by TRCA on October 16, 2017;
- Drawing no. P-7147-002 (sheet 16 of 42); York Valley Crescent: Storm Sewer, Watermain Replacement and Road Reconstruction from May Tree Road to Green Valley Road; prepared by City of Toronto Engineering and Construction Services; dated June 22, 2012; revised September 2017; received by TRCA on October 16, 2017;
- Drawing no. P-7147-003 (sheet 17 of 42); York Valley Crescent: Storm Sewer, Watermain Replacement and Road Reconstruction from STA 003+00 to STA 004+16; prepared by City of Toronto Engineering and Construction Services; dated June 22, 2012; revised September 2017; received by TRCA on October 16, 2017;
- Drawing no. P-5407-023 (sheet 42 of 42); Donino Avenue: Storm Sewer and Road Reconstruction Lay Down Area; prepared by City of Toronto Engineering and Construction Services; dated September 27, 2017; received by TRCA on May 10, 2018;
- Drawing unnumbered; Hogg's Hollow Stormwater Outfall; prepared by Aquafor Beech Limited on behalf of City of Toronto Engineering and Construction Services; dated n.d.; received by TRCA on February 14, 2018;

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- **Drawing no. P-5744-010 (sheet 1 of 6); Hogg's Hollow Stormwater Outfall, City of Toronto: General Plan-Existing Conditions; prepared by Aquafor Beech Limited on behalf of City of Toronto Engineering and Construction Services; dated February 28, 2017; revised November 30, 2017; received by TRCA on February 14, 2018;**
- **Drawing no. P-5744-011 (sheet 2 of 6); Hogg's Hollow Stormwater Outfall, City of Toronto: General Plan - Proposed Conditions; prepared by Aquafor Beech Limited on behalf of City of Toronto Engineering and Construction Services; dated February 28, 2017; revised November 30, 2017; received by TRCA on February 14, 2018;**
- **Drawing no. P-5744-012 (sheet 3 of 6); Hogg's Hollow Stormwater Outfall, City of Toronto: Plan & Profile; prepared by Aquafor Beech Limited on behalf of City of Toronto Engineering and Construction Services; dated February 28, 2017; revised November 30, 2017; received by TRCA on February 14, 2018;**
- **Drawing no. P-5744-013 (sheet 4 of 6); Hogg's Hollow Stormwater Outfall, City of Toronto: Outfall Details; prepared by Aquafor Beech Limited on behalf of City of Toronto Engineering and Construction Services; dated February 28, 2017; revised November 30, 2017; received by TRCA on February 14, 2018;**
- **Drawing no. P-5744-014 (sheet 5 of 6); Hogg's Hollow Stormwater Outfall, City of Toronto: Construction Details; prepared by Aquafor Beech Limited on behalf of City of Toronto Engineering and Construction Services; dated February 28, 2017; revised November 30, 2017; received by TRCA on May 10, 2018;**
- **Drawing no. P-5744-015 (sheet 6 of 6); Hogg's Hollow Stormwater Outfall, City of Toronto: Construction Staging, Erosion and Sediment Control Plan; prepared by Aquafor Beech Limited on behalf of City of Toronto Engineering and Construction Services; dated February 28, 2017; revised November 30, 2017; received by TRCA on February 14, 2018;**
- **Drawing no. WE 16046-01; Rosedale Golf Club Storm Outfall Mitigation: Proposed Floodplain Works; prepared by Water's Edge; dated April 20, 2018; red line revised by TRCA staff September 14, 2018 to reflect a native seed mix and that trees will be individually mulched; received by TRCA on May 10, 2018.**

RATIONALE

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

Proposal:

The City of Toronto is proposing storm sewer, watermain and roadway improvements in the area of Yonge Street and York Mills Road on Green Valley Road, York Valley Crescent, Old Yonge Street, Donino Avenue, Brookfield Road, and the Rosedale Golf Club. This project is part of the City's ongoing Hogg's Hollow road and stormwater management improvements program, and shall constitute the sixth and final phase. These works were previously identified in a municipal class environmental assessment, completed in 2005. Previously seven phases, the last two phases have been combined into one. Works will involve installation of new concrete storm sewers and catch basins within the roadway on all the aforementioned streets. Watermain replacements will be undertaken while the roadway installations for the storm sewers are taking place. Drainage from Green Valley Road and York Valley Crescent will be directed to the Rosedale Golf Club via a new storm sewer, which will discharge to the West Don River via a new outfall structure. The outfall will feature armour stone, live stake, shrub, and vegetated buttress treatments. Drainage from the other streets will be directed to existing outfalls previously replaced under this program.

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As with the prior phases of these works, a staging area will be located at the southwest corner of Mill Street and Donino Avenue, isolated with silt fencing and mud mats for erosion and sediment control. A coffer dam system will be used while the new outfall is being constructed. Once all storm sewer and water service improvements have been carried out, disturbed roadways will be laid with new asphalt and concrete curb and gutter. All disturbed areas adjacent to the roadways will be restored to existing conditions with topsoil and sod. There are roughly 100 street tree removals associated with this project, mostly consisting of non-native, invasive species. These removals will be replaced in accordance with City of Toronto Urban Forestry standards. The outfall's vegetated buttress will include 200 shrub plants, while the bank opposite the outfall, currently sodded, will be graded and planted with 14 trees and 225 shrub plants, as well as a native seed mix. The staging area at Mill Street and Donino Avenue will be demobilized and restored to prior conditions with topsoil and sod or native grasses. Construction is anticipated to occur from fall 2018 through spring 2019.

Control of Flooding:

The proposed works are not anticipated to impact flooding, flood storage or conveyance of flood waters. The proposed works will improve the existing storm runoff conditions in this area. All grades will also be maintained or matched.

Pollution:

Erosion and sediment control measures (silt fence, coffer dam) will be installed prior to construction and maintained for its duration. These measures are being implemented to prevent the release of construction generated sediment into the West Don River. Erosion and sediment control measures have been provided in accordance with the TRCA Erosion and Sediment Control Guideline for Urban Construction (2006).

Dynamic Beaches:

The proposal will not have any implications to dynamic beaches.

Erosion:

There are no impacts identified to slope stability or erosion as a result of these works.

Conservation of Land:

The warm water construction timing window of July 1 to March 31 will apply to this proposal.

Plantings

There are roughly 100 street tree removals associated with this project, mostly consisting of non-native, invasive species. These removals will be replaced in accordance with City of Toronto Urban Forestry standards. The outfall's vegetated buttress will include 200 shrub plants, while the bank opposite the outfall, currently sodded, will be graded and planted with 14 trees and 225 shrub plants, as well as a native seed mix. The staging area at Mill Street and Donino Avenue will be demobilized and restored to prior conditions with topsoil and sod or native grasses, ensuring all disturbed areas are restored to pre-construction conditions, or better, upon completion of work.

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Policy Guidelines:

This proposal complies with Section 8.8, Interference with a Watercourse; 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: 56789.A - Application #: 1234/16/TOR

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