

SECTION II - ITEMS FOR EXECUTIVE ACTION

- 8.1 ERRATA UPDATE SHEET 84-86**

NEW PERMITS
CITY OF BRAMPTON

- 8.1.35 REGION OF PEEL**
To construct in a flood plain, place fill within a regulated area on Ebenezer Road (west of McVean Drive) in the City of Brampton, Humber River Watershed as located on the property owned by Region of Peel. 87-88

CITY OF TORONTO (ETOBICOKE YORK COMMUNITY COUNCIL AREA)

- 8.1.36 CITY OF TORONTO - WORKS & EMERGENCY SERVICES**
To alter a waterway on (VanDusen Boulevard), in the City of Toronto (Etobicoke York Community Council Area), Mimico Creek Watershed as located on the property owned by City of Toronto - Works & Emergency Services. 88-90

CITY OF VAUGHAN

- 8.1.37 REGIONAL MUNICIPALITY OF YORK**
To alter a waterway on Lot 12, Concession 7, (Emergency Overflow into a culvert on Pine Valley Drive, north of Langstaff Road), in the City of Vaughan, Humber River Watershed as located on the property owned by Regional Municipality of York. 90-93

8.1 APPLICATION FOR PERMITS UNDER ONTARIO REGULATION 158 Fill, Construction and Alteration to Waterways

Information has been received and reviewed by staff for the following Scheduled Errata items. The recommendations within the staff reports should be amended to include the following:

8.1.14 1359443 ONTARIO LIMITED

- Letter of undertaking provided by Ron Mauti Architect, agent for the applicant, dated November 3, 2004, to address outstanding TRCA Ecology, Engineering and Property issues prior to the issuance of this permit.

8.1.15 1520981 ONTARIO LTD.

- Site Services & Grading Plan, Marquee Hotels Ltd., Drawing No. G-1, prepared by R. Santos, Candevcon Ltd., dated May 26, 2003, last revised September 13, 2004, stamped received by TRCA staff October 8, 2004.
- Landscape Plan, Fairfield Inn & Suites, Sheet No. L-1, prepared by S. Popovich, Stephen Popovich Associates Inc., dated June 2004, last revised October 4, 2004, stamped received by TRCA staff October 8, 2004.

8.1.16 CASA-NORTH INVESTMENTS INC.

- Letter of undertaking provided by Darren Steedman, Metrus Developments, Dated November 3, 2004 to address outstanding TRCA Engineering and Ecology issues prior to the issuance of this permit.

8.1.17 DOLOMITI ESTATES INC.

- Letter of undertaking provided by Diarmuid Horgan, Candevcon Limited, dated November 3, 2004 to address outstanding TRCA Engineering and Ecology issues.

8.1.18 NANAK HOLDINGS LTD.

- Letter of Undertaking prepared by Dave Arora, P.Eng., of Delta Engineering Services, dated October 21, 2004, to address all outstanding engineering and landscaping issues.

8.1.19 CITY OF MISSISSAUGA

- Letter of Undertaking to provide revisions to engineering, sediment and erosion control details and restoration/planting drawings to the satisfaction of TRCA; dated October 28, 2004; prepared by the City of Mississauga

8.1.20 CITY OF MISSISSAUGA

- Letter of undertaking provided by Chuck Reaney, Enbridge Gas Distribution Inc., dated November 3, 2004, to address outstanding TRCA Engineering and Ecology issues prior to the release of this permit.

8.1.21 WHITEVALE GOLF CLUB

- Proposed Reservoir for Whitevale Golf Club, Figure 1, prepared by Azimuth Environmental Consulting Inc., dated September 2004, received September 21, 2004
- Cross Section Locations, Figure 2, prepared by Azimuth Environmental Consulting Inc., dated September 2004, received September 21, 2004
- Cross Section A, Figure 3, prepared by Azimuth Environmental Consulting Inc., dated September 2004, received September 21, 2004
- Cross Section B, Figure 4, prepared by Azimuth Environmental Consulting Inc., dated September 2004, received September 21, 2004
- Cross Section C, Figure 5, prepared by Azimuth Environmental Consulting Inc., dated September 2004, received September 21, 2004
- Cross Section D, Figure 6, prepared by Azimuth Environmental Consulting Inc., dated September 2004, received September 21, 2004
- Silt Control Plan, Figure 7, prepared by Azimuth Environmental Consulting Inc., dated September 2004, received September 21, 2004
- Letter of Undertaking to provide detailed Restoration Plan, prepared by Azimuth Environmental Consulting Inc., dated and received November 3, 2004

8.1.22 LYNN GROGAN

- Drawing A-2.0, Site Plan, prepared by Wayne Swadron Architect, dated August 2004, received October 1, 2004
- Letter of Undertaking to submit a planting plan and tree protection plan to TRCA satisfaction, prepared by Holbrook and Associates, Landscaping Architects, dated October 27, 2004, faxed by Wayne Swadron Architect on October 29, 2004

8.1.23 MARIANNE LEO & JILL MEDLEY

- Site Plan, received by the TRCA on October 26, 2004, redline revised to indicate the removal of excess fill material.
- Concrete Floating Slab for Garage, prepared by Shedman Inc. Wooden Sheds, dated August 27, 2003, received by the TRCA on October 06, 2004.

8.1.24 BALLYMORE DEVELOPMENT (SHOAL POINT) CORP.

- General Plan of Services, Drawing 1, prepared by Sabourin Kimble & Associates Ltd., dated April 2004, received October 19, 2004
- Storm Drainage Plan, Drawing 2, prepared by Sabourin Kimble & Associates Ltd., dated April 2004, received October 19, 2004
- Lot Grading Plan (West), Drawing 4, prepared by Sabourin Kimble & Associates Ltd., dated April 2004, received October 19, 2004
- Lot Grading Plan (East), Drawing 5, prepared by Sabourin Kimble & Associates Ltd., dated April 2004, received October 19, 2004
- Storm Water Management Facility Detail, Drawing 12, prepared by Sabourin Kimble & Associates Ltd., dated April 2004, received October 19, 2004
- Fill In Existing Regional Floodplain Cross Sections, Drawing PLN, prepared by Sabourin Kimble & Associates Ltd., dated October 2004, received October 19, 2004
- Fill In Existing Regional Floodplain Cross Sections, Drawing XS1, prepared by Sabourin Kimble & Associates Ltd., dated October 2004, received October 19, 2004
- Fill In Existing Regional Floodplain Cross Sections, Drawing XS2, prepared by Sabourin Kimble & Associates Ltd., dated October 2004, received October 19, 2004

- **Fill In Existing Regional Floodplain Cross Sections, Drawing XS3, prepared by Sabourin Kimble & Associates Ltd., dated October 2004, received October 19, 2004**
- **Fill In Existing Regional Floodplain Cross Sections, Drawing XS4, prepared by Sabourin Kimble & Associates Ltd., dated October 2004, received October 19, 2004**
- **Fill In Existing Regional Floodplain Cross Sections, Drawing XS5, prepared by Sabourin Kimble & Associates Ltd., dated October 2004, received October 19, 2004**
- **Fill In Existing Regional Floodplain Cross Sections, Drawing XS6, prepared by Sabourin Kimble & Associates Ltd., dated October 2004, received October 19, 2004**
- **Letter of Undertaking to address minor outstanding technical comments, prepared by the applicant, dated and received November 3, 2004**

8.1.25 CORNELL ROUGE DEVELOPMENT CORPORATION

- **Letter of Undertaking, prepared by the owner, stating the owner's commitment to address the minor outstanding technical engineering comments related to the channel design, prepared by the owner, dated November 2, 2004**

8.1.26 ROGERS CABLE INC.

- **Letter of Undertaking to address minor engineering comments with regards to the erosion protection works, prepared by Trow Associates Inc., dated November 2, 2004, received November 3, 2004**

8.1.27 TOWN OF RICHMOND HILL

- **Existing Conditions & Site Preparation Plan, Drawing L-1, prepared by Marshall Macklin Monaghan, dated June 2004, revised October 25, 2004, received October 28, 2004**
- **Planting Plan and Details, Drawing L-2, prepared by Marshall Macklin Monaghan, dated June 2004, revised October 25, 2004, received October 28, 2004**
- **Planting Plan and Details, Drawing L-3, prepared by Marshall Macklin Monaghan, dated June 2004, revised October 25, 2004, received October 28, 2004**
- **Plan and Details I, Drawing S-1, prepared by Marshall Macklin Monaghan, dated April 2004, received October 28, 2004**
- **Plan and Details II, Drawing S-2, prepared by Marshall Macklin Monaghan, dated April 2004, received October 28, 2004**

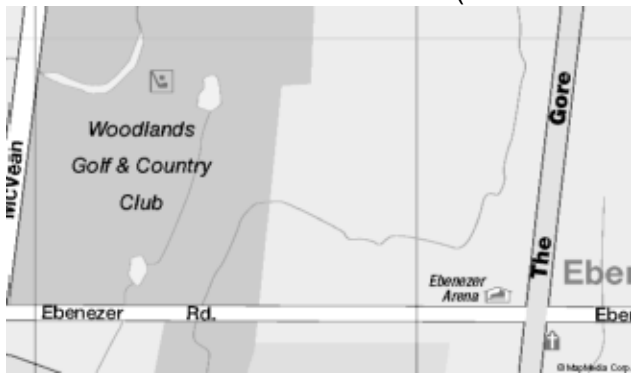
CITY OF BRAMPTON

8.1.35 REGION OF PEEL

To construct in a flood plain, place fill within a regulated area on Ebenezer Road (west of McVean Drive) in the City of Brampton, Humber River Watershed as located on the property owned by Region of Peel.

The purpose is to place fill (to facilitate the expansion of an existing berm, the construction of a new pumping station building and retaining wall) in a Fill Regulated Area and construct a structure (berm around lagoon) within a Regional Storm Flood Plain.

LOCATION MAP: Ebenezer Road (west of McVean Drive)



The permit will be issued for the period of November 5, 2004 to November 4, 2006 in accordance with the following documents and plans which form part of this permit:

- **Letter of Undertaking to address the TRCA's outstanding comments in correspondence dated October 28, 2004 and provide revisions to the necessary engineering, sediment and erosion control details and restoration/planting drawings to TRCA's satisfaction; dated November 2, 2004; prepared by the Regional Municipality of Peel**

RATIONALE

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

Proposal:

The proposal involves the expansion of an existing pumping station located on Ebenezer Road, west of McVean Drive. The expansion consists of the demolition of existing pumping station and the construction of a new larger sewage pumping station in a Fill Regulated Area. In addition, a new retaining wall ranging from approximately 1.2 metres to 3.7 metres will be built on the north east side of the property adjacent to TRCA property in a Fill Regulated Area. As part of the expansion the existing berm that surrounds the emergency overflow storage lagoon will be expanded by approximately 18 metres in width and 15 metres in length. As per updated Humber River flood plain mapping, the existing lagoon and proposed expanded lagoon are located within the Regional Storm Flood Plain. The minimum top berm elevation surrounding the lagoon will be 173.5 metres which is higher than the Regional Storm Flood elevation of 171.8 metres at this location. The proposed watermain and forcemain within the study area of this project will connect to the existing watermain and forcemain service.

This permit will only be released upon issuance of "permission to enter" and a temporary working easement from TRCA's Property Section. The project was reviewed by TRCA staff during the Environmental Assessment process and conforms to TRCA requirements

Control of Flooding:

Fill placement will be minimized within the Regional Storm Flood Plain with this infrastructure project and staff does not anticipate concerns with loss of storage or conveyance.

Pollution:

Standard erosion control measures (silt fence) will be implemented to ensure that the construction-generated sediments do not enter the watercourse.

Conservation of Land:

As there will be no in stream work associated with the project there will be no concerns related to fish habitat loss.

Plantings

All disturbed areas will be restored with native/non-invasive species following construction.

Policy Guidelines:

The proposal complies with Section 4.3 - Infrastructure and Servicing of the Authority's Valley and Stream Corridor Management Program.

CFN: 35770 - Application #: 330/04/BRAM

Report Prepared by: Suzanne Bevan, extension 5374

For information contact: Beth Williston, extension 5217

Date: November 2, 2004

CITY OF TORONTO (ETOBICOKE YORK COMMUNITY COUNCIL AREA)

8.1.36 CITY OF TORONTO - WORKS & EMERGENCY SERVICES

To alter a waterway on (VanDusen Boulevard), in the City of Toronto (Etobicoke York Community Council Area), Mimico Creek Watershed as located on the property owned by City of Toronto - Works & Emergency Services.

The purpose is to alter a waterway to facilitate the reconstruction of a pedestrian bridge pier.

LOCATION MAP: VanDusen Boulevard



The permit will be issued for the period of November 5, 2004 to November 4, 2006 in accordance with the following documents and plans which form part of this permit:

- **Drawing Nos. S1 and S2, prepared by Halsall, dated October 30, 2004, received November 2, 2004;**
- **VanDusen Pedestrian Bridge Repairs, drawing notes, pages 1 to 5, received on November 2, 2004.**

RATIONALE

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

Proposal:

The proposal is to alter a waterway to facilitate the reconstruction of the eastern pier of the VanDusen Boulevard pedestrian bridge. The footing of the pier has been undermined by erosion and works are necessary to repair it before the bridge becomes unsuitable for use. The works consist of removing loose shale and replacement with a concrete footing adjacent to and under the existing footing.

Control of Flooding:

The works include only minimal additional footing material above the creek bed and therefore will not affect the storage or conveyance of flood waters.

Pollution:

A coffer dam will be utilized to isolate the works to work in the dry. Sediment will not enter the watercourse during construction.

Conservation of Land:

Construction access and staging will be from VanDusen Boulevard. There will be no impact to significant natural resources. A letter of advice on behalf of the Department of Fisheries and Oceans will be issued.

Plantings

No new plantings are required.

Policy Guidelines:

The works comply with Section 4.3, Infrastructure and Servicing, of the Authority's Valley and Stream Corridor Management Program.

CFN: 35951 - Application #: 421/04/TOR

Report Prepared by: Steve Heuchert, extension 5311

For information contact: Steve Heuchert, extension 5311

Date: November 2, 2004

CITY OF VAUGHAN

8.1.37 REGIONAL MUNICIPALITY OF YORK

To alter a waterway on Lot 12, Concession 7, (Emergency Overflow into a culvert on Pine Valley Drive, north of Langstaff Road), in the City of Vaughan, Humber River Watershed as located on the property owned by Regional Municipality of York.

The purpose is to alter a watercourse (tributary of the Humber River) during the coldwater timing window (July 1 to September 15) by breaking into an existing culvert on Pine Valley Drive to create an emergency sanitary overflow to receive a peak flow of 330 litres/second under emergency situations only. The location of the emergency overflow is not within a "Fill Regulated Area" or a "Regional Storm Floodplain.

LOCATION MAP: Emergency Overflow into a culvert on Pine Valley Drive, north of Langstaff Road



The permit will be issued for the period of November 5, 2004 to November 4, 2006 in accordance with the following documents and plans which form part of this permit:

- **Letter of Undertaking; dated November 2, 2004; received November 2, 2004; prepared by the Region of York.**

RATIONALE

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

Proposal:

Background:

As part of York Region's Master Plan for providing sanitary sewer capacity, a Pumping Station will be constructed in an open field on the west side of Pine Valley Drive, north of Langstaff, on lands now owned by the City of Vaughan which formerly were owned by TRCA in the Boyd Conservation Area. A sanitary sewer will run down the west side of Pine Valley Drive. The footprint of this "building location" is not within a Fill Regulated Area, Regional Storm Floodplain, nor is there any watercourse on site. There is one small triangle in the north west of the "building site" that is located within a Fill Regulated Area, and required a TRCA permit prior to grading. In 2003 when TRCA staff reviewed the building location, the consultant did not mention the need for any dewatering, the need for any sewer storage area, nor the need for the emergency overflow. After clearing all Archaeological issues and TRCA's Property issues, a permit was issued under Central File Number 34502 in April 2004 for the grading of the north west section of site for the Pumping Station. York Region will eventually take possession of the Pumping Station. The sanitary sewer line will be owned by the City of Vaughan in the Pine Valley Drive right of way, and the emergency overflow will be owned by York Region within a permanent easement in Vaughan's right of way.

The location of the sewer pipe in the Pine Valley Road right of way will not be within a Fill Regulated Area or Regional Storm Floodplain. The Pumping Station and sewer line locations were reviewed by TRCA staff during the Environmental Assessment stage (CFN 32733). There is an existing pumping station on the east side of Pine Valley Drive, north of Langstaff Road which is very old and is located within the Right of Way. A larger site was required to facilitate the sewage requirements of a larger population.

In August 2004, York Region submitted to the TRCA the Permit To Take Water Application (PTTW) as requested by the Ministry of Environment (MOE). The MOE requested York Region to obtain a sign off from the TRCA. The PTTW application and accompanying documents submitted to TRCA in August 2004 and October 2004 indicated that there will be "dewatering" associated with the wet well construction of the pumping station as well as "unwatering" associated with the sewer trench construction. The total water taking for both "dewatering" and "unwatering" will be 15 Litres/second (200 imperial gallons per minute (igpm)) for an overall duration of 4 to 6 months.

It was determined by TRCA staff that the "dewatering" and the "unwatering" will not constitute an "alteration of a watercourse", since the flow in the magnitude of 15 Litres/second will be first dissipated down the ditch of Pine Valley Drive, through several rock check dams, then will disperse through the ground rather than discharge directly into the Humber River. Staff has reviewed the reports and it has been determined that the "dewatering" will not impact baseflows. As a precautionary measure, piezometers have been installed to monitor the Area of Natural and Scientific Interest (ANSI) and Environmentally Significant Area (ESA) to the north in the Boyd Conservation Area.

MOE also requested York Region to obtain a sign off from TRCA on the construction of an emergency overflow, which will be located at the culvert on Pine Valley Drive, just north of Langstaff Road. MOE requires that all pumping stations have an emergency overflow, otherwise the sewage would pump into the basements of the neighbouring homes. There are a number of contingencies that would have to fail in this instance before the emergency overflow would be required and these were detailed in the submission by KMK. For example, there would need to be a power failure, then a diesel generator failure, pump failures (two duty, one standby), diesel fuel run-out, a back-up battery for the control panel failure, then a storage truck failure, prior to the emergency overflow at the culvert being utilized. A key component of ensuring the contingencies are successful remains with the maintenance plan of the pumps and back-up systems. In the event of these failures and the emergency overflow being utilized, the sewage will be dispersed through the culvert, and flow westward to the Humber River. The emergency overflow can accommodate a maximum of 330 Litres/second. The proponent has submitted details on the clean up plan in the event of an emergency.

Ideally, the MOE prefers that up to two hours of emergency storage be provided on site. The consultant has advised that this is not feasible and MOE is satisfied with this approach for this project. No request to TRCA for the use of additional Authority lands for such a facility was made. As well, oversizing the sewer pipe would lead to less scouring, according to KMK, and increase the risk of the sanitary sewer becoming plugged.

Present Proposal:

The proposal in this file that is regulated for a "Fill, Construction, Alteration to Waterways" permit consists of the construction of the emergency sewer overflow outfall at a culvert located on the Pine Valley Drive, north of Langstaff Drive. The outfall construction has been classified as an "alteration of a watercourse". The outfall proper is not located within a "Fill Regulated Area", nor a "Regional Storm Floodplain", however, the tributary does have defined beds or banks and is classified as a "watercourse." Any alteration of the beds or banks of a watercourse requires a "Fill, Construction, Alteration to Waterways" permit prior to any works.

Control of Flooding:

The location of the emergency overflow is not within the Regional Storm Floodplain, therefore; there will not be any impacts to flooding.

Pollution:

Standard sediment and erosion control measures (cofferdams) will be installed to ensure sediments do not enter the watercourse during the break-in to the existing culvert for the emergency overflow.

Conservation of Land:

There is the potential for in stream works associated with this project. The concrete from the culvert break-in could disperse into the watercourse. TRCA staff discussed this situation with DFO staff. With erosion and sedimentation plans in effect, the potential for a harmful alteration, disruption or destruction (HADD) of fish habitat will be mitigated and a Letter of Advice will be written by TRCA staff on behalf of the Department of Fisheries and Oceans (DFO). If a sewage discharge should occur, it will be considered a spill and the appropriate agencies will be contacted. MOE, DFO or Environment Canada may investigate any future spills when they occur and potentially lay charges if deemed appropriate.

The proposed works will impact no significant terrestrial resource features. Piezometers have been installed on TRCA's property north of the pumping station to monitor groundwater levels in the Area of Natural and Scientific Interest (ANSI) and the Environmentally Significant Area (ESA). The ANSI and ESA will be monitored for impacts by 5 - 1.5 m long drive-point piezometers. Prior to construction, the piezometers will be monitored bi-weekly to determine baseline data, then daily as construction commences for three weeks, then twice weekly for the remainder of the construction period. The discharge of water will be conducted on lands owned by the TRCA in the Boyd Conservation Area. TRCA's Archaeologist advised that there are no concerns provided proper erosion and sediment controls are followed. TRCA's Property Section has advised that there are no property requirements for the dispersal of the water nor the emergency overflow.

Plantings

All disturbed areas will be restored with native/non-invasive species following construction.

Policy Guidelines:

The proposal complies with Section 4.3 - Infrastructure and Servicing of the Authority's Valley and Stream Corridor Management Program.

CFN: 35887 - Application #: 390/04/VAUG

Report Prepared by: June Murphy, extension 5304

For information contact: June Murphy, extension 5304

Date: November 2, 2004