



THE TORONTO AND REGION CONSERVATION AUTHORITY

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Friday, July 25, 2003

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THE TORONTO AND REGION CONSERVATION AUTHORITY

**MEETING OF THE EXECUTIVE COMMITTEE #7/03
July 25, 2003**

The Executive Committee Meeting #7/03, was held in the South Theatre, Black Creek Pioneer Village, on Friday, July 25, 2003. The Chair Dick O'Brien, called the meeting to order at 9:08 a.m.

PRESENT

Maria Augimeri	Member
Michael Di Biase	Member
Irene Jones	Member
Jim McMaster	Vice Chair
Ron Moeser	Member
Dick O'Brien	Chair
Gerri Lynn O'Connor	Member

REGRETS

Lorna Bissell	Member
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RES.#B98/03 - MINUTES

Moved by: Jim McMaster
Seconded by: Irene Jones

THAT the Minutes of Meeting #6/03, held on July 4, 2003, be approved.

CARRIED

SECTION II - ITEMS FOR EXECUTIVE ACTION

**RES.#B99/03 - APPLICATIONS FOR PERMITS PURSUANT TO ONTARIO
REGULATION 158**

Fill, Construction & Alteration to Waterway.. Pursuant to Ontario
Regulation 158 written permission from the Authority is required to:

- (a) construct any building or structure or permit any building or structure to be constructed in or on a pond or swamp or in any area susceptible to flooding during a Regional Storm;

- (b) place or dump fill or permit fill to be placed or dumped in the areas described in the schedules whether such fill is already located in or upon such area, or brought to or on such area from some other place or places;
- (c) straighten, change, divert or interfere in any way with the existing channel of a river, creek, stream, or watercourse.

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

Moved by: Ron Moeser
Seconded by: Jim McMaster

THAT permits be granted in accordance with Ontario Regulation 158 for the applications (8.1.1 - 8.1.11 and 8.1.41 - 8.1.48, inclusive), which are listed below.

CARRIED

CITY OF TORONTO [ETOBICOKE COMMUNITY]

8.1.1 CITY OF TORONTO

To alter a waterway, construct in a flood plain on Longbranch Sanitary Trunk Sewer, in the City of Toronto (Etobicoke Community Council Area), Etobicoke Creek Watershed as located on the property owned by The Toronto and Region Conservation Authority.

The purpose is to alter a waterway and construct a structure within a Fill Regulated Area and Regional Storm Floodplain of the Etobicoke Creek in order to install a weather barrier membrane over an existing steel pipe of the Longbranch sanitary trunk sewer.

The permit will be issued for the period of July 25, 2003 to July 24, 2005 in accordance with the following documents and plans which form part of this permit:

- **Longbranch Sanitary Trunk Sewer, Drawing No. 1024-2002-29, Sheets 1 & 2, prepared by Toronto Works & Emergency Services, dated November 2002, received June 13, 2003.**

RATIONALE

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

Proposal:

The purpose is to alter a waterway within the Fill Regulated Area and Regional Storm Floodplain of the Etobicoke Creek. The proposed works involve the construction of a temporary scaffold and platform structure in order to install a weather barrier membrane on an existing steel pipe on the Longbranch sanitary trunk sewer. The trunk sewer is located along an existing bridge crossing the Etobicoke Creek and adjacent to the Lakeshore Boulevard bridge. The scaffolding and work platforms will be manually erected under the bridge and within the watercourse. No construction equipment or vehicles will be involved to access the site. The scaffolding will sit on the creek bed and no drilling will be conducted. Once the works have been completed, the scaffolding and platform structure will be removed.

Control of Flooding:

As the scaffolding and platform structure will be temporary in nature, there will be no impacts to the storage or conveyance of flood waters.

Pollution:

Sedimentation from the proposed works is not expected.

Conservation of Land:

There are no geotechnical or slope stability issues associated with the proposed works. Technical staff have reviewed this proposal and noted that no significant in stream works will take place. Therefore, DFO authorization is not required and a letter of advice will be issued for the proposed works. No significant resource features will be impacted by the proposed works.

Plantings

The proposed works will not affect any existing significant natural features; therefore, no plantings are required as part of this application.

Policy Guidelines:

This project complies with Section 4.3 - Infrastructure and Servicing, of the Authority's Valley and Stream Corridor Management Program.

CFN: 34432

Application #: 223/03/TOR

Report Prepared by: Kevin Huang, extension 5307

For information contact: Mark Rapus, extension 5259

Date: June 23, 2003

CITY OF TORONTO [HUMBER YORK COMMUNITY]

8.1.2 CITY OF TORONTO

To alter a waterway, construct in a flood plain, place fill within a regulated area on Part Lot HR 3, Warren Park Pumping Station, in the City of Toronto (Humber York Community Council Area), Humber River Watershed as located on the property owned by Toronto and Region Conservation Authority.

The purpose is to excavate and place fill, alter a waterway and construct within the floodplain of the Humber River in order to replace a section of gabion wall with armour stone and rebuild an existing outlet structure at the Warren Park Pumping Station.

The permit will be issued for the period of July 25, 2003 to July 24, 2005 in accordance with the following documents and plans which form part of this permit:

- **Storm Outlet H-Y-26 Replacement of Outlet Structure at Warren Park Pumping Station, Drawing No. 2002-H-Y-26, dated September 30, 2002, received May 16, 2003.**

RATIONALE

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

Proposal:

The purpose is to excavate and place fill, alter a waterway and construct within the Fill Regulated Area and Regional Storm Floodplain of the Humber River. The proposed works involve the replacement of a section of gabion wall with armour stone and the rebuilding of an existing outlet structure at the Warren Park Pumping Station. A storm sewer outlet in line with St. Mark's Road on the east side of the Humber River requires headwall repair. The storm outlet directs the overflow from the Warren Park Pumping Station.

Control of Flooding:

The proposed works will not affect the storage or conveyance of flood waters.

Pollution:

A silt control system will be installed prior to construction and maintained on a daily basis to ensure that sediment will not enter the watercourse. All excavated material will be removed and disposed of off site.

Conservation of Land:

There are no geotechnical or slope stability issues associated with the proposed works. As there will be no in-stream works conducted in the Humber River, DFO authorization is not required. A letter of advice will be issued for the proposed works. The proposed works will not impact fisheries habitat.

Plantings

Riparian vegetation that will be disturbed within the affected reach will be replanted in accordance with TRCA requirements.

Policy Guidelines:

This project complies with Section 4.3 - Infrastructure and Servicing, of the Authority's Valley and Stream Corridor Management Program.

CFN: 34236

Application #: 107/03/TOR

Report Prepared by: Kevin Huang, extension 5307

For information contact: Mark Rapus, extension 5259

Date: July 14, 2003

CITY OF TORONTO [MIDTOWN COMMUNITY]

8.1.3 CITY OF TORONTO

To alter a waterway, construct in a flood plain in Moore Park Ravine, in the City of Toronto (Midtown Community Council Area), Don River Watershed as located on the property owned by City of Toronto.

The purpose is to alter a waterway and construct a structure within the Regional Storm Floodplain for the Don River, in order to conduct bank stabilization work around an existing storm outlet in Moore Park Ravine.

The permit will be issued for the period of July 25, 2003 to July 24, 2005 in accordance with the following documents and plans which form part of this permit:

- **Storm Outlet D-53, Drawing No. 2002-D-53, prepared by Toronto Works & Emergency Services, dated July 26, 2002, received May 16, 2003.**

RATIONALE

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

Proposal:

The proposal involves the alteration of a waterway and the construction of armour stone walls within the Regional Storm Floodplain of the Don River to facilitate bank stabilization work on an existing storm outlet located in Moore Park Ravine. The site of the proposed works is located outside of the Authority's Fill Regulated Area but within the Regional Storm Floodplain. Currently, the watercourse is piped until it reaches the Moore Park Ravine where it outlets from the storm outfall. The proposed works involve the removal of existing gabion baskets on the banks of the watercourse. Armour stone will replace the gabions and will be placed along the banks of the watercourse; downstream from the existing storm outlet. Furthermore, loose material within the stream will be removed. The storm outlet is located south of Moore Avenue, and immediately west of Brendan Road. The works will rectify a current erosion concern.

Control of Flooding:

The proposed works will not affect the storage or conveyance of flood waters.

Pollution:

A silt control system will be installed prior to construction and maintained on a daily basis to ensure that sediment will not enter the watercourse. All excavated material will be removed and disposed of off-site.

Conservation of Land:

All disturbed areas will be restored following the completion of the works. There are no geotechnical or slope stability issues associated within the proposed works. The minor nature of the works does not constitute a Harmful, Alteration, Disruption or Destruction to fish habitat. Therefore, Department of Fisheries and Oceans (DFO) authorization is not required. A letter of advice will be issued for the proposed works. There will be no impacts to other significant resource features.

Plantings

Riparian vegetation that will be disturbed within the affected reach will be replanted in accordance with TRCA requirements.

Policy Guidelines:

This project complies with Section 4.3 - Infrastructure and Servicing, of the Authority's Valley and Stream Corridor Management Program.

CFN: 34471

Application #: 256/03/TOR

Report Prepared by: Kevin Huang, extension 5307

For information contact: Russel White, extension 5306

Date: July 16, 2003

8.1.4 WES ROITMAN

To construct in a flood plain on, (1 Green Valley Drive), in the City of Toronto (Midtown Community Council Area), Don River Watershed as located on the property owned by Wes Roitman.

The purpose is to construct in a fill regulated area and floodplain for the purpose of constructing three one storey, one two storey and a second story addition above a portion of the existing dwelling..

The permit will be issued for the period of July 25, 2003 to July 24, 2005 in accordance with the following documents and plans which form part of this permit:

- **Site plan, received July 14, 2003 prepared by Delta Design.**
- **Topographical survey, received July 14, 2003 prepared by C. Stanciu.**

RATIONALE

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

Proposal:

The proposal involves the excavation and placement of fill within a Fill Regulated Area and construction within the Regional Storm Floodplain of the Don River in order to facilitate three one storey, one two storey and one second storey addition above the existing dwelling located at 1 Green Valley Road. It is noted that the proposed additions would increase the gross floor area of the dwelling by 1070 sq.ft. (99.4 sq.m.) and would not include any new basement area. The property is on a wide valley floor of the Don River within the Hogs Hollow Special Policy Area.

Control of Flooding:

The proposed development will be flood proofed above the level of the 350 year Storm Flood and would be designed to withstand the flood depths and velocities associated with a 350 year Storm Flood consistent with the requirements of the SPA policies.

Pollution:

Sediment fencing will be installed and maintained during construction to prevent sediment from entering the watercourse.

Conservation of Land:

The proposed works will not impact any significant natural features, and no geotechnical/slope instability, or fisheries issues are associated with the project.

Plantings

The proposed works will not impact vegetation on or adjacent to the property.

Policy Guidelines:

The proposal is consistent Section 4.2 B) Development Guidelines for Development/Redevelopment within Special Policy Areas - of the Authority's Valley and Stream Corridor Management Program:

CFN: 34474

Application #: 259/03/TOR

Report Prepared by: Mark Rapus, extension 5259

For information contact: Mark Rapus, extension 5259

Date: July 16, 2003

CITY OF TORONTO [NORTH YORK COMMUNITY]

8.1.5 JINLI DING

To place fill within a regulated area on Lot 34, Plan M-754, (78 Forest Grove Drive), in the City of Toronto (North York Community Council Area), Don River Watershed as located on the property owned by Jinli Ding.

The purpose is to place fill and regrade in the Fill Regulated Area in order to construct a new small sun room addition to the rear of the home located at 78 Forest Grove Drive.

The permit will be issued for the period of July 25, 2003 to July 24, 2005 in accordance with the following documents and plans which form part of this permit:

- **78 Forest Grove Drive, Revision Drawings for New Addition, Drawing A-1, drawn by E.E., dated March 11, 2003, Received May 27, 2003.**
- **Site Plan, Lot 34, Registered Plan M-754, Received May 27, 2003.**
- **Letter from Jinli Ding dated Thursday July 10, 2003 received July 10, 2003.**

RATIONALE

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

Proposal:

The purpose is to remove and place fill to facilitate the construction of a small rear sun room addition to the new home located within the Fill Regulated Area of the Don River. The sun room will extend approximately 4 feet closer to the adjacent valley than the current home. The work is taking place on a manicured portion of lawn.

Control of Flooding:

The proposed new sun room addition is not located within the Regional Storm Flood Plain. There will be no impact on the storage or conveyance of flood waters.

Pollution:

No sedimentation is expected from these work as they are more than 200 metres from the watercourse.

Conservation of Land:

There are no significant resource features on the site. The sun room addition has been reviewed in conjunction with the previously submitted geotechnical report for the entire home. Staff have reviewed the report and found it to be satisfactory. There are no geotechnical issues related to the proposal. All excess fill material will be removed from the site as part of the work. The disturbed areas will be resodded, to return the site to its previous condition.

Plantings

The proposed works will not affect any existing significant natural features; therefore, no plantings are required as part of this application.

Policy Guidelines:

The proposal is consistent with Section 4.2.2 (C) - Minor Additions, of the Authority's Valley and Stream Corridor Management Program

CFN: 34387

Application #: 199/03/TOR

Report Prepared by: David Lawrie, extension 5268

For information contact: Russel White, extension 5306

Date: June 2, 2003

CITY OF TORONTO [SCARBOROUGH COMMUNITY]

8.1.6 AMIR REZAAE

To place fill within a regulated area on Lot 83, Plan M-1012, (49 South Marine), in the City of Toronto (Scarborough Community Council Area), Waterfront Watershed as located on the property owned by Amir Rezaee.

The purpose is to excavate and place fill within a Fill Regulated Area of Lake Ontario to facilitate the construction of a new (161 square metres) one storey addition to the rear of the property.

The permit will be issued for the period of July 25, 2003 to July 24, 2005 in accordance with the following documents and plans which form part of this permit:

- **Site Plan, South Elevations, West Elevations, prepared by Home Designs, dated June 1, 2003, received June 23, 2003**

RATIONALE

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

Proposal:

The subject property is located entirely within a Fill Regulated Area for the Waterfront. The proposed works involve the excavation and placement of fill in order to facilitate the construction of a new (161 square metres) one storey rear addition to the existing dwelling. The proposed addition will be located on flat tableland, and setback 10 metres from the adjacent bluff. The works are consistent with the existing setbacks within this reach of the waterfront.

Control of Flooding:

The proposed works are not located within the Regional Storm Floodplain, and therefore will not affect the storage or conveyance of flood waters.

Pollution:

Silt fencing will be installed and maintained during the construction to prevent sediment from entering the waterfront which is located approximately 175 metres away.

Conservation of Land:

An ANSI is located adjacent to the subject property. All proposed works will take place on flat tableland are not expected to impact on any significant resource features. There are no slope stability/geotechnical issues associated with the project. No fisheries issues or impacts on riparian vegetation.

Plantings

The proposed works will not affect any existing significant natural features; therefore, no plantings are required as part of this application.

Policy Guidelines:

The project is consistent with Section 4.2.2. (E) - Property Improvements and Ancillary Structures, of the Authority's Valley and Stream Corridor Management Program.

CFN: 34455

Application #: 239/03/TOR

Report Prepared by: Annemarie Sanchez, extension 5284

For information contact: Russel White, extension 5306

Date: July 7, 2003

8.1.7 JOHN & LESLIE WRIGHT

To construct in a flood plain on, (35 Cherryhill Avenue), in the City of Toronto (Scarborough Community Council Area), Highland Creek Watershed as located on the property owned by John & Leslie Wright.

The purpose is to excavate and place fill within a Fill Regulated Area of Lake Ontario to facilitate the construction of a new one storey addition to the rear of the existing dwelling..

The permit will be issued for the period of July 25, 2003 to July 24, 2005 in accordance with the following documents and plans which form part of this permit:

- **Site Plans prepared by Robert Carley Architects, dated June 12, 2003, received June 23, 2003**

RATIONALE

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

Proposal:

The subject property is located partially within a Fill Regulated area of Highland Creek, east of Meadowvale Road and south of Lawrence Avenue East. The proposed works involve the excavation and placement of fill to facilitate the construction of a new (298 square metres) one storey rear addition to the existing dwelling. The proposed addition will be located on flat tableland and setback 10 metres from the top of bank.

Control of Flooding:

The proposed works are not located within the Regional Storm Floodplain, and therefore will not affect the storage or conveyance of flood waters.

Pollution:

Silt fencing will be installed and maintained during the construction to prevent sediment from entering the watercourse which is located approximately 50 metres away.

Conservation of Land:

The proposed works are not expected to impact on any significant resource features. There are not slope stability/geotechnical issues associated with the project. No fisheries issues or impacts on riparian vegetation.

Plantings

The proposed works will not affect any existing significant natural features; therefore, no plantings are required as part of this application.

Policy Guidelines:

The project is consistent with Section 4.2.2. (E) - Property Improvements and Ancillary Structures, of the Authority's Valley and Stream Corridor Management Program.

CFN: 34466

Application #: 251/03/TOR

Report Prepared by: Annemarie Sanchez, extension 5284

For information contact: Russel White, extension 5306

Date: July 15, 2003

8.1.8 TRAKS COMMUNICATIONS

To alter a waterway on Part Lot 18, Concession 4, (5500 Finch Avenue East), in the City of Toronto (Scarborough Community Council Area), Highland Creek Watershed as located on the property owned by Traks Communications.

The purpose is to alter a waterway on Part Lot 18, Concession 4, (5500 Finch Avenue East), in the City of Toronto (Scarborough Community Council Area, Highland Creek Watershed as located on the property owned by Traks Communications.

The permit will be issued for the period of July 25, 2003 to July 24, 2005 in accordance with the following documents and plans which form part of this permit:

- **Site services plan, undated, drawing no. SS-1 prepared by G.T. Coffey Engineering Services, received June 24, 2003**

- **Erosion & sediment control, June 2003, drawing No. SS-2, prepared by G.T. Coffey Engineering Services, received June 24, 2003.**

RATIONALE

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

Proposal:

The proposal consists of placing fill material for lot grading purposes and constructing one storm sewer outfall as part of the development of an automobile repair shop and dealership. The storm sewer outfall will direct storm water runoff from the site to the north side of the existing storm water channel. Only the Malvern Storm Channel Easement is located within the Regional Storm Floodplain.

Control of Flooding:

The entire commercial development is located outside of the Regional Storm Floodplain. All existing grades around the outfall will be maintained.; therefore, the control of flooding will not be affected by the proposed works.

Pollution:

A combination of silt fencing, rock check dam, and catch basin sediment traps will control sedimentation during construction. In addition, a Vortech storm water treatment unit will be installed to enhance post development water quality prior to runoff entering the watercourse.

Conservation of Land:

All filled and disturbed areas will be stabilized/revegetated following construction. No significant resource features will be impacted by the proposed works.

Plantings

The applicant is proposing new plantings as part of the overall site development.

Policy Guidelines:

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

CFN: 34443

Application #: 232/03/TOR

Report Prepared by: Mark Rapus, extension 5259

For information contact: Mark Rapus, extension 5259

Date: July 14, 2003

8.1.9 USE HICKSON PRODUCTS LTD.

To alter a waterway on Part Lot 7, Concession D, being Parts 2,3,4 & 5, Plan 64R-15477, 565 Coronation Drive, in the City of Toronto (Scarborough Community Council Area), Highland Creek Watershed as located on the property owned by Witco Canada Inc.

The purpose is to alter a waterway within the Regional Storm Floodplain of Highland Creek in order to carry out ditch improvement works at the rear of the Witco Canada Inc. property in the City of Toronto.

The permit will be issued for the period of July 25, 2003 to July 24, 2005 in accordance with the following documents and plans which form part of this permit:

- **Description of Proposed Works, prepared by Kevin Trimble, Golder Associates, dated July 16, 2003, received July 16, 2003.**

RATIONALE

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

Proposal:

The proposal is to alter a waterway within the Regional Storm Floodplain of Highland Creek in order to conduct ditch improvement works at the rear of the Witco Canada Inc. property. The subject property is not located within the Authority's Fill Regulated Area or Fill Extension Program. The ditch is located north of the CN Railway, east of Wallsend Drive and west of Chemical Court. The ditch originates onsite from two discharge pipes in a sewer shed and flows approximately 35 m through a constructed swale feature. Surface water in the ditch measures approximately 20 to 30 cm deep and 1 to 2 m wide. The swale flows along the north side of the CN Railway through a series of culverts and ultimately empties into the Highland Creek at the north side of the CN bridge. The proposed works involve the removal of approximately 60 cm of potentially contaminated fine ditch sediment. All sediment material will be removed from the subject property and disposed of off-site.

Control of Flooding:

The proposed works will not impact the storage or conveyance of flood waters and will in fact, improve flood flows and enhance drainage in the swale feature.

Pollution:

Erosion and sediment control fencing will be erected across the channel at the southern property boundary. The proposed works will also be conducted in less than two days and during dry summer conditions to minimize any potential sedimentation of the watercourse.

Conservation of Land:

There are no geotechnical or slope stability issues associated with the proposed works. All excavation will be completed from the banks to avoid in-stream works. Technical staff at the TRCA are satisfied the proposed works will not impact fish habitat (Harmful, Alteration, Disruption or Destruction). Hence, Department of Fisheries and Oceans (DFO) authorization is not required. A letter of advice will be issued for the proposed works. No other significant natural features will be impacted by the ditch improvement works.

Plantings

As the proposal will not impact the existing bank and ditch-side vegetation, no planting or seeding of disturbed areas will be necessary.

Policy Guidelines:

This project complies with Section 4.3 - Infrastructure and Servicing, of the Authority's Valley and Stream Corridor Management Program.

CFN: 34475

Application #: 260/03/TOR

Report Prepared by: Kevin Huang, extension 5307

For information contact: Russel White, extension 5306

Date: July 16, 2003

TOWN OF AJAX

8.1.10 COUGS INVESTMENTS

To alter a waterway, construct in a flood plain, place fill within a regulated area on Lot 3, Concession 4, Deer Creek Golf Course, in the Town of Ajax, Carruthers Creek Watershed as located on the property owned by Cougs Investments.

The purpose is to excavate and place fill, alter a waterway and construct a structure in the Regional Storm Floodplain for Carruthers Creek to facilitate the widening of an existing cart path and culvert and the installation of a sanitary forcemain from Taunton Road to an expanded Deer Creek clubhouse. The cart path is located within the Regional Storm Floodplain of Carruthers Creek.

The permit will be issued for the period of July 25, 2003 to July 24, 2005 in accordance with the following documents and plans which form part of this permit:

- **Site Servicing and Grading Plan, Drawings Nos. SG-1, SG-2 & SG-3, prepared by Sernas Associates, dated July 2002, received June 3, 2003.**
- **Access Road, Drawings Nos. SG-4 & SG-5, prepared by Sernas Associates, dated July 2002, received June 3, 2003.**
- **Construction Details, Drawings Nos. CD-1 & CD-2, prepared by Sernas Associates, dated July 2002, received June 3, 2003.**
- **Sanitary Outfall Taunton Road, Drawing No. P-101, prepared by Sernas Associates, dated April 2003, received June 3, 2003.**
- **Sanitary Forcemain, Drawings Nos. P-102 to P-105, prepared by Sernas Associates, dated April 2003, received June 3, 2003.**

RATIONALE

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

Proposal:

The proposal involves the excavation and placement of fill, altering a waterway and construction of a structure within the Regional Storm Floodplain and Fill Regulated Area of Carruthers Creek. The proposed works form part of a series of works to take place to expand and enhance the Deer Creek Golf Course. The first stage of these works, processed under permit C-03102 (CFN 33987) involved the expansion of a clubhouse, construction of a new roadway through the property and a parking lot. The second stage of works, which are currently the subject of this permit, involves the widening of an existing cart path and box

culvert located between two online irrigation ponds as well as the installation of a sanitary forcemain. The widening of the cart path will allow for access to lands on the east side of the property which is necessary as part of the clubhouse expansion. Increased traffic caused from the expansion of the clubhouse requires that additional road capacity and parking spaces be provided. The widening of the culvert will facilitate the expansion of the clubhouse through a new access route. Furthermore, the widened culvert will increase flood flows and improve the overall condition of the watercourse. As the proposed works involve Harmful, Alteration Disruption or Destruction (HADD) to fish habitat, the applicant will construct a fish bypass channel around the pond. This work for the bypass channel will be processed as part of a future proposal and will form the third and final phase of the works to enhance the Deer Creek Golf Course. The Authority is supportive of the initiative to construct this fish bypass channel.

The proposed sanitary forcemain will run north from Taunton Road and through the Deer Creek Golf Course. It will provide increased servicing to the expansion to the clubhouse. The proposed forcemain will not impact any significant resources features and is located partially within the Fill Regulated Area and beyond the top of bank.

Control of Flooding:

The proposed forcemain is located outside the Regional Storm Floodplain of Carruthers Creek. Hence, the forcemain will not affect the storage or conveyance of flood waters. The proposed culvert expansion will not impact on the storage or conveyance of flood waters and will in fact improve flood flows in the watercourse, thereby enhancing its overall condition.

Pollution:

A sediment control system will be installed prior to construction and maintained on a daily basis to ensure that sediment does not enter the watercourse. All excavated material will be removed and disposed of off-site.

Conservation of Land:

There are no geotechnical or slope stability issues associated with the proposed works. As the proposed works would possible involve Harmful, Alteration, Disruption or Destruction to fish habitat, Department of Fisheries and Oceans (DFO) approval is required. The permit from the TRCA will be held until DFO approval has been received. There will be no impacts to other significant resource features.

Plantings

Riparian vegetation that will be disturbed within the affected reach will be replanted in accordance with TRCA requirements.

Policy Guidelines:

This project complies with Section 4.3 - Infrastructure and Servicing, of the Authority's Valley and Stream Corridor Management Program.

CFN: 34408

Application #: 208/03/AJAX

Report Prepared by: Kevin Huang, extension 5307

For information contact: Russel White, extension 5306

Date: June 10, 2003

8.1.11 JOHN BODDY HOMES

To place fill within a regulated area on Lot 16, Concession 2, Elizabeth Street, in the Town of Ajax, Duffins Creek Watershed as located on the property owned by Ed Boddy.

The purpose is to excavate and place fill within the Fill Regulated Area of Duffins Creek to facilitate the development of two single family dwelling on two lots (Lots 1 and 2) on Elizabeth Street in the Town of Ajax.

The permit will be issued for the period of July 25, 2003 to July 24, 2005 in accordance with the following documents and plans which form part of this permit:

- **Grading Plan for Elizabeth Street, prepared by Marshall Macklin Monaghan, dated March 24, 2003, received July 16, 2003.**
- **Service Connection for Elizabeth Street, prepared by Marshall Macklin Monaghan, dated March 24, 2003, received July 16, 2003.**

RATIONALE

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

Proposal:

The purpose is to excavate and place fill within the Fill Regulated Area of Duffins Creek in order to construct two single family dwellings on two residential lots (Lots 1 and 2) on Elizabeth Street in the Town of Ajax. The subject property is located within the Fill Regulated Area of Duffins Creek but outside of the Regional Storm Floodplain. The two lots are being added to a larger surrounding subdivision. The lots are located at the southern end of this subdivision and on the west side of Elizabeth Street. The subdivision was approved under Ontario Regulation 158, Permit C-92043 at the Authority's Executive Committee meeting on April 10, 1992. Due to the age of this permit, a revision to add the two new lots was not appropriate and hence, this new application.

Control of Flooding:

The proposed works are not located within the Regional Storm Floodplain of Duffins Creek and will not impact the storage or conveyance of flood waters.

Pollution:

A silt control system will be installed prior to construction and maintained on a daily basis to ensure that sediment will not enter the watercourse which is located approximately 48 m away. All excavated material will be removed and disposed of off-site.

Conservation of Land:

There are no geotechnical or slope stability issues associated with the proposed works. The proposed works will have no impact on fisheries and will not impact riparian vegetation or vegetation on the valley corridor. No other significant natural resources will be affected by the two residential lots.

Plantings

The proposed works will not affect any existing significant natural features; therefore, no plantings are required as part of this application.

Policy Guidelines:

This project complies with Section 4.1.1 New Urban Development, of the Authority's Valley and Stream Corridor Management Program.

CFN: 34476

Application #: 261/03/AJAX

Report Prepared by: Kevin Huang, extension 5307

For information contact: Russel White, extension 5306

Date: July 16, 2003

THE FOLLOWING PERMIT APPLICATIONS WERE ERRATA ITEMS:

**RES.#B100/03 - APPLICATIONS FOR PERMITS PURSUANT TO ONTARIO
REGULATION 158 - ERRATA APPLICATIONS**

Moved by: Jim McMaster
Seconded by: Irene Jones

THAT permits be granted in accordance with Ontario Regulation 158 for the applications (8.1.11 - 8.1.40, with the exception of 8.1.12 - City of Brampton, 8.1.19 - Region of Peel, 8.1.22 - Jamie Cornelius and 8.1.35 - Patricia Figliomeni, which were withdrawn), that had been scheduled on the agenda as errata items, for which all the required information was received and finalized as listed below.

CARRIED

CITY OF BRAMPTON

8.1.12 CITY OF BRAMPTON

To alter a waterway, construct in a flood plain on (Clark Boulevard between Highway 410 and West Drive), in the City of Brampton, Etobicoke Creek Watershed as located on the property owned by City of Brampton.

● **Withdrawn**

8.1.13 FANSHORE INVESTMENTS INC.

To alter a waterway, construct in a flood plain, place fill within a regulated area on East Half Lot 14, Concession 7, (West of Goreway Drive and South of Countryside Drive), in the City of Brampton, Humber River Watershed as located on the property owned by Fanshore Investments Inc..

The purpose is to alter a watercourse and place and remove fill within a Fill Regulated Area and a Regional Storm Floodplain to facilitate the realignment of a watercourse and extension of an existing culvert crossing of a watercourse in support of a Draft Approved Plan of Subdivision.

The permit will be issued for the period of July 25, 2003 to July 24, 2008.

- **Salt Creek Channel Block 279 Landscape Restoration Plan, drawing no. C1, prepared by NAK design group, dated October 2002, revised July 8, 2003.**
- **Salt Creek Channel Restoration Details, drawing no. C2, prepared by NAK design group, dated October 2002, revised July 8, 2003.**
- **Salt Creek Tributary Proposed Creek Alignment, drawing no. 64123-A-1, prepared by Aquafor Beech Limited, dated January 2003, revised May 6, 2003.**
- **Salt Creek Tributary Erosion And Sediment Control Plan, drawing no. 64123-A-2, prepared by Aquafor Beech Limited, dated January 2003, revised May 6, 2003.**
- **Salt Creek Tributary Proposed Plan And Profile, drawing no. 64123-A-3, prepared by Aquafor Beech Limited, dated January 2003, revised May 6, 2003.**
- **Salt Creek Tributary Typical Channel Cross-Sections, drawing no. 64123-A-4, prepared by Aquafor Beech Limited, dated January 2003, revised May 6, 2003.**

- **Salt Creek Tributary Typical Valley Cross-Sections, drawing no. 64123-A-5, prepared by Aquafor Beech Limited, dated January 2003, revised May 6, 2003.**
- **Erosion And Sediment Control Construction Details, drawing no. 64123-A-6, prepared by Aquafor Beech Limited, dated January 2003, revised May 6, 2003.**
- **Letter of Undertaking to address outstanding Authority engineering comments, prepared by David Giugovaz of EMC Group Limited, dated July 14, 2003.**

RATIONALE

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

Proposal:

The purpose is to alter a watercourse and place and remove fill within a Fill Regulated Area and a Regional Storm Floodplain to facilitate the realignment of a watercourse and extension of an existing culvert crossing of a watercourse in support of a Draft Approved Plan of Subdivision. The existing watercourse, known as Salt Creek, currently flows through existing culvert crossings both north and east of the subject property. As a result of this proposal, the eastern culvert under Goreway Drive will be extended approximately 25 metres west, however the overall length of the open section of the watercourse will be increased a result of the natural channel design and the removal of approximately 10-metres of the existing culvert crossing to the north.

Control of Flooding:

Engineering staff have reviewed the proposal to ensure the proposed works will not negatively affect lands up and downstream and will safely convey Regional Storm Flows.

Pollution:

Sediment and erosion control measures will be incorporated into the proposed works to prevent construction generated sediment from entering the watercourse.

Conservation of Land:

There are no geotechnical or significant vegetation concerns related to this application. The works will be subject to Ministry of Natural Resources Timing Window Restrictions in order to mitigate fisheries concerns.

Plantings

While plantings will be required within the realigned channel, landscape plans have not been finalized at this time.

Policy Guidelines:

The proposal is consistent with section 2.2 Program Objectives, and in part with section 3.3 Policies And Procedures For Identifying Watercourses And Alterations of the Authority's Valley and Stream Corridor Management Program.

CFN: 34388

Application #: 198/03/BRAM

Report Prepared by: Brian Casagrande, extension 5311

For information contact: Quentin Hanchard, extension 5324

Date: July 14, 2003

8.1.14 HIGHSRING ESTATES INC.

To alter a waterway, place fill within a regulated area on Lot 8, 9, 10, Concession 8, in the City of Brampton, Humber River Watershed as located on the property owned by Highspring Estates Inc..

The purpose is to place and remove fill within a regulated area and alter a watercourse to facilitate the construction of a stormwater management pond and outfall immediately upstream of the upper end of the watercourse.

The permit will be issued for the period of July 25, 2003 to July 24, 2008.

- **Pond 1 Details, drawing no. 902, prepared by Stantec Consulting Ltd., dated June 2003, sealed June 3, 2003.**
- **Pond 1 Plan View, drawing no. 901, prepared by Stantec Consulting Ltd., dated June 2003, sealed June 3, 2003.**
- **Storm Water Management Pond Block 460 Landscape Plan, drawing no. LP5, prepared by Strybos Associates Ltd., dated February 2003, revised April 2, 2003.**
- **Valleyland Outfall Planting Plan, drawing no. LP6, prepared by Strybos Associates Ltd., dated February 2003, revised April 2, 2003.**
- **Details, drawing no. LP7, prepared by Strybos Associates Ltd., dated February 2003, revised April 2, 2003.**
- **Letter of Undertaking to address outstanding engineering and ecology concerns, prepared by Dan Miller of Stantec Consulting Ltd., dated July 15, 2003.**

RATIONALE

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

Proposal:

The purpose is to place and remove fill within a regulated area and alter a watercourse to facilitate the construction of a stormwater management pond and outfall immediately upstream of the upper end of the watercourse. The stormwater pond is required to provide the require stormwater quality and quantity controls for a Draft Approved Plan of Subdivision.

Control of Flooding:

There will be no impacts to the storage and conveyance of storm flows as the facilities will be located outside of the watercourse and the Regional Storm Floodplain.

Pollution:

Sediment and erosion control fencing will be installed and maintain around the construction area to prohibit the overland migration of sediment in the downstream watercourse.

Conservation of Land:

There are no fisheries or geotechnical concerns related to this proposal. There will be no loss of significant vegetation and all disturbed areas will be restored following construction.

Plantings

The pond and outfall will be surrounded by native trees and shrubs along with the downstream watercourse for a distance of approximately 200 metres. While the review of these plans is not finalized at this time, over 150 trees and over 490 shrubs are proposed to be planted.

Policy Guidelines:

The proposal is consistent with section 4.3, Infrastructure and Servicing of the Authority's Valley and Stream Corridor Management Program.

CFN: 34326

Application #: 158/03/BRAM

Report Prepared by: Brian Casagrande, extension 5311

For information contact: Quentin Hanchard, extension 5324

Date: May 12, 2003

8.1.15 MCVEAN DRIVE ESTATE INC.

To alter a waterway, construct in a flood plain on Lot 13, Concession 8 NDS Lot 111, 112, 113, Plan 1051, Part Lot 114, 115, Plan 1051, in the City of Brampton, Humber River Watershed as located on the property owned by McVean Drive Estate Inc..

The purpose is to place and remove fill within a Fill Regulated Area and alter a watercourse through the construction of a stormwater outfall in support of an adjacent Draft Approved Plan of Subdivision.

The permit will be issued for the period of July 25, 2003 to July 24, 2008.

- **Storm Drainage Plan, drawing no. D1, prepared by Candevcon Limited, dated February 7, 2003, sealed April 16, 2003.**
- **Landscape Plan, drawing no. L4, prepared by Strybos Associates Ltd, dated February 2003, revised April 16, 2003.**
- **Letter of Undertaking to address outstanding engineering and landscaping concerns, prepared by Rodolfo Santos of Candevcon Limited, dated July 15, 2003.**

RATIONALE

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

Proposal:

The purpose is to place and remove fill within a Fill Regulated Area and alter a watercourse through the construction of a stormwater outfall in support of an adjacent Draft Approved Plan of Subdivision. The outfall will be setback from the watercourse, outside of the Regional Storm Floodplain and surrounded by native landscape materials.

Control of Flooding:

There will be no impacts to the storage or conveyance of storm flows as the outfall is located outside of the Regional Storm Floodplain.

Pollution:

Sediment and erosion control fencing will be installed around the proposed work area to prevent the overland migration of sediment into the watercourse.

Conservation of Land:

There are no geotechnical, fisheries or environmentally sensitive vegetation concerns associated with this application.

Plantings

Landscape Plans will involve the provision of native trees and shrubs around the outfall, however these details have not been finalized at this time.

Policy Guidelines:

The proposal is consistent with section 4.3 Infrastructure and Servicing of the Authority's Valley and Stream Corridor Management Program.

CFN: 34332

Application #: 161/03/BRAM

Report Prepared by: Brian Casagrande, extension 5311

For information contact: Quentin Hanchard, extension 5324

Date: July 15, 2003

8.1.16 MENKES INDUSTRIAL HOLDINGS INC.

To alter a waterway, construct in a flood plain on, (Intermodal Drive and Airport Road), in the City of Brampton, Mimico Creek Watershed as located on the property owned by Menkes Industrial Holdings Inc.

The purpose is to alter a watercourse and construct within a Regional Storm Floodplain to facilitate the realignment of a watercourse to support an industrial site plan application.

The permit will be issued for the period of July 25, 2003 to July 24, 2005.

- **Channelization Grading Plan, drawing no. SP1, prepared by R.J. Burnside & Associates Limited, revised June 27, 2003.**
- **Channelization Erosion Sediment Control Plan, drawing no. ES1, prepared by R.J. Burnside & Associates Limited, revised June 27, 2003.**
- **Landscape Plan, drawing no. L1, prepared by Strybos Associates Ltd., dated March 2003, July 1, 2003.**
- **Landscape Plan, drawing no. L2, prepared by Strybos Associates Ltd., dated April 10, 2003, July 1, 2003.**
- **Letter of Undertaking to address outstanding engineering and ecology concerns, prepared by Guy Belanger of Menkes Business Parks Ltd., dated July 15, 2003.**

RATIONALE

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

Proposal:

The purpose is to alter a watercourse and construct within a Regional Storm Floodplain to facilitate the realignment of a watercourse to support an industrial site plan application. The watercourse on the subject property has been enclosed for portions immediately up and downstream of the subject property. This proposal will result in a natural channel design which is closer to Airport Road and in-line with the up and downstream culverts. Authority staff have worked with the applicant to maximize the bottom width of the channel and are requiring dense plantings on either side to buffer against Airport Road and the on-site development.

Control of Flooding:

Authority Engineering staff have reviewed the proposal to ensure that the new channel will convey Regional Storm Flows and will not have negative impacts up or downstream from the subject property.

Pollution:

This application includes sediment and erosion control measures that will prohibit construction generated sediment from entering the watercourse.

Conservation of Land:

There are no geotechnical issues associated with this proposal and there is no significant vegetation on the subject property. Department of Fisheries and Oceans (DFO) and Ministry of Natural Resources (MNR) staff have been consulted on this application and are generally satisfied. The proposal must respect MNR Fisheries Timing Window Restrictions and formal DFO approval will need to be secured prior to the issuance of any TRCA permit.

Plantings

While landscape plans have not been finalized at this time the proposal involves the planting of 50 trees and 496 shrubs.

Policy Guidelines:

The proposal is consistent with section 2.2 Program Objectives and in part with section 3.3 Policies and Procedures For Identifying Watercourses and Alterations of the Authority's Valley and Stream Corridor Management Program.

CFN: 34472

Application #: 257/03/BRAM

Report Prepared by: Brian Casagrande, extension 5311

For information contact: Quentin Hanchard, extension 5324

Date: July 16, 2003

8.1.17 NORTH CASTLEMORE DEVELOPMENTS INC.

To alter a waterway, construct in a flood plain, place fill within a regulated area on Lot 16, 17, Concession 7 NDS, in the City of Brampton, Humber River Watershed as located on the property owned by Valley Gore Developments Ltd..

The purpose is to alter a watercourse, place and remove fill within a Fill Regulated Area and construct within a Regional Storm Floodplain to facilitate the construction of two vehicular crossings and two stormwater ponds and one outfall in support of a Draft Approved Plan of Subdivision.

The permit will be issued for the period of July 25, 2003 to July 24, 2008.

- **SWM Pond Details, drawing no. SWM-03, prepared by The MBTW Group, dated March 10, 2003, revised April 14, 2003.**
- **SWM Planting Plan, drawing no. SWM-02, prepared by The MBTW Group, dated March 10, 2003, revised April 14, 2003.**
- **SWM Pond Topsoil and Seeding Plan, drawing no. SWM-01, prepared by The MBTW Group, dated March 10, 2003, revised April 14, 2003.**
- **Structure Crossing St. Hubert Dr. - Plan, Sections, and Details, prepared by Candevcon Ltd., dated June 13, 2002, revised April 29, 2003.**
- **Storm Water Management Pond No. 3, ST-C, prepared by Candevcon Ltd., dated June 27, 2002, revised April 8, 2003.**
- **Storm Water Management Pond No. 4, ST-D, prepared by Candevcon Ltd., dated June 27, 2002, revised April 8, 2003.**
- **Letter of Undertaking to address outstanding engineering and ecology staff concerns, prepared by Diarmuid Horgan of Candevcon Ltd., dated July 16, 2003.**

RATIONALE

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

Proposal:

The purpose is to alter a watercourse, place and remove fill within a Fill Regulated Area and construct within a Regional Storm Floodplain to facilitate the construction of two vehicular crossings and two stormwater ponds and one outfall in support of a Draft Approved Plan of Subdivision.

The subject property is traversed by a watercourse that is ill-defined in sections with a unusually wide and shallow floodplain. The subdivision application will result in a narrowing of the existing floodlines to a reasonable extent to allow for adjacent development without off-site impacts to stormflows or the need to modify the watercourse.

The vehicular crossings will span the meander belt as per Authority requirements and will not impact the conveyance of stormflows.

There are two stormwater ponds proposed on either side of the watercourse, however the flows from one will be directed to an existing drainage ditch, while flows from the other will be outleted into the watercourse crossing the subject property.

Control of Flooding:

There are no negative impacts anticipated to the storage or conveyance of stormflows as the existing floodplain is unusually wide and shallow, and the fill placement for the vehicular crossings and stormwater outfall will be minor in nature.

Pollution:

Sediment and erosion control fencing will be installed around the proposed works to prevent the overland migration of sediment into the watercourse.

Conservation of Land:

There are no geotechnical, fisheries or significant vegetation issues related to this proposal.

Plantings

While landscaping will be required around the stormwater ponds and outfalls, these details have not been finalized at this time.

Policy Guidelines:

This proposal is consistent with section 4.3 Infrastructure and Servicing and section 3.2 Policies and Procedures For Establishing Corridor Boundaries And Alterations, of the Authority's Valley and Stream Corridor Management Program.

CFN: 33496

Application #: 363/02/BRAM

Report Prepared by: Brian Casagrande, extension 5311

For information contact: Quentin Hanchard, extension 5324

Date: July 14, 2003

8.1.18 REGION OF PEEL

To construct in a flood plain on Lot 1/17, Concession 1/7E, (Mayfield Road, between Goreway Drive and Airport Road), in the City of Brampton, Humber River Watershed as located on the property owned by Region of Peel.

The purpose is to construct within the Regulatory Floodplain to facilitate the rehabilitation of The Shaws Bridge.

The permit will be issued for the period of July 25, 2003 to July 24, 2005.

- **Rehabilitation of the Shaws Bridge, General Arrangement, drawing number S1, prepared by McCormick Rankin Corporation, April, 2003, revised May 7, 2003, stamped received by TRCA Development Services Section May 12, 2003.**
- **Letter of Undertaking, prepared by Claudio Crespi, dated July 15, 2003, stamped received TRCA Development Services, July 15, 2003.**

RATIONALE

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

Proposal:

The works proposed under this permit are being completed to rehabilitate The Shaws Bridge, located on Regional Road 14 (Mayfield Road) between Goreway Drive and Airport Road in the City of Brampton. This proposal includes: removal of the existing asphalt and waterproofing system, deck repairs, sidewalk and curb removals, construction of new reinforced concrete barrier walls, and miscellaneous roadway works. No in-water works are proposed with this project, and impermeable debris platforms will be utilized below the bridge during the construction to prevent construction debris from entering the watercourse.

Control of Flooding:

The bridge is located within the Regional Storm Floodplain, however the works proposed will not affect the existing hydraulic opening. As such, no significant impacts to the storage and conveyance of streamflows are anticipated as a result of this project.

Pollution:

Sediment and erosion control measures will be put in place during construction to reduce the impact on surrounding features. Any surrounding vegetation disturbed during the construction process will be restored to pre-construction condition.

Conservation of Land:

No significant vegetative or geotechnical concerns exist with respect to this project. There are no fisheries concerns with this proposal.

Plantings

This project will not result in the loss of any significant vegetation. As a result, no compensatory planting is required.

Policy Guidelines:

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

CFN: 34370

Application #: 184/03/BRAM

Report Prepared by: Quentin Hanchard, extension 5324

For information contact: Quentin Hanchard, extension 5324

Date: July 16, 2003

8.1.19 REGION OF PEEL

To alter a waterway, construct in a flood plain on (Easement adjacent to Clark Boulevard between Highway 410 and West Drive), in the City of Brampton, Etobicoke Creek Watershed as located on the property owned by Region of Peel.

- **Withdrawn**

CITY OF MISSISSAUGA

8.1.20 A. MANTELLA & SONS LIMITED AND DELL HOLDINGS LIMITED

To construct in a flood plain, place fill within a regulated area on Lot 9, Concession B EHS Part 3 Plan 43R-5430, (6600 Goreway Drive), in the City of Mississauga, Mimico Creek Watershed as located on the property owned by A. Mantella & Sons Limited and Dell Holdings Limited.

The purpose is to place and remove fill within a Fill Regulated Area and the Regional Storm Floodplain to facilitate the construction of a stormwater outfall in support of an adjacent site plan development application..

The permit will be issued for the period of July 25, 2003 to July 24, 2005.

- **Landscape Details, drawing no. L-3, prepared by Lomas Sham Nankoosingh, prepared on June 6, 2003, sealed on June 6, 2003.**
- **Landscape Plan, drawing no. L-2, prepared by Lomas Sham Nankoosingh, prepared on June 6, 2003, sealed on June 6, 2003.**
- **Storm Drainage Plan, drawing no. SD-1, prepared by Marshall Macklin Monaghan Ltd., prepared January, 2003, revised on July 7, 2003, sealed on July 7, 2003.**
- **Site Grading Plan, drawing no. SG-1, prepared by Marshall Macklin Monaghan Ltd., prepared January, 2003, revised on July 7, 2003, sealed July 8, 2003.**
- **Site Servicing Plan, drawing no. SS-1, prepared by Marshall Macklin Monaghan Ltd., prepared January, 2003, revised on July 7, 2003, sealed on July 8, 2003.**
- **Letter of undertaking from Tom Rotella, of Marshall Macklin Monaghan Ltd., dated July 17, 2003, to address outstanding Authority Ecology Staff concerns and Engineering concerns prior to release of a permit.**

RATIONALE

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

Proposal:

The purpose is to place and remove fill within a Fill Regulated Area and the Regional Storm Floodplain to facilitate the construction of a stormwater outfall in support of an adjacent site plan development application. The stormwater outfall will be located on Authority lands on the fringe of the Regional Storm Floodplain setback a significant distance from the watercourse.

Control of Flooding:

There will be no impacts to the storage or conveyance of stormflows as the proposal will maintain all existing grades.

Pollution:

Sediment and erosion control fencing will surround the proposed work area to prevent the overland migration of construction generated sediment from entering the watercourse.

Conservation of Land:

There are no geotechnical, fisheries or significant vegetation concerns associated with this application.

Plantings

While the landscape plans have not been finalized, this proposal will result in the planting of 6 trees and 64 new shrubs around the stormwater outfall.

Policy Guidelines:

This proposal is consistent with section 4.3 Infrastructure and Servicing of the Authority's Valley and Stream Corridor Management Program.

CFN: 34450

Application #: 237/03/MISS

Report Prepared by: Brian Casagrande, extension 5311

For information contact: Quentin Hanchard, Brian Casagrande, extension

Date: July 2, 2003

8.1.21 CITY OF MISSISSAUGA

To construct in a flood plain on Lot A, Concession 7, (Bloor Street Bridge over Little Etobicoke Creek), in the City of Mississauga, Etobicoke Creek Watershed as located on the property owned by City of Mississauga.

The purpose is to construct in the Regulatory Floodplain to facilitate the rehabilitation of Bloor Street Bridge over Little Etobicoke Creek.

The permit will be issued for the period of July 25, 2003 to July 24, 2005.

- **Bloor Street over Little Etobicoke Rehabilitation of Bridge, drawing number XXX-S1, prepared by McCormick Rankin Corporation, May, 2003, stamped received by TRCA Development Services Section May 28, 2003.**
- **Letter of Undertaking, prepared by Mark Waters, dated July 15, 2003, stamped received TRCA Development Services, July 15, 2003.**

RATIONALE

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

Proposal:

The works proposed under this permit are being completed to rehabilitate the Bloor Street Bridge over Little Etobicoke Creek in the City of Mississauga. This proposal includes: removal of the existing asphalt and waterproofing system, deck repairs, sidewalk and curb removals, construction of new reinforced concrete parapet walls, repairs to deck soffit, abutment walls and wingwalls, and miscellaneous roadway works. No in-water works are proposed with this project, and impermeable debris platforms will be utilized below the bridge during the construction to prevent construction debris from entering the watercourse.

Control of Flooding:

The bridge is located within the Regional Storm Floodplain, however the works proposed will not affect the existing hydraulic opening. As such, no significant impacts to the storage and conveyance of streamflows are anticipated as a result of this project.

Pollution:

Sediment and erosion control measures will be put in place during construction to reduce the impact on surrounding features. Any surrounding vegetation disturbed during the construction process will be restored to pre-construction condition.

Conservation of Land:

No significant vegetative or geotechnical concerns exist with respect to this project. There are no fisheries concerns with this proposal.

Plantings

This project will not result in the loss of any significant vegetation. As a result, no compensatory planting is required.

Policy Guidelines:

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

CFN: 34415

Application #: 211/03/MISS

Report Prepared by: Quentin Hanchard, extension 5324

For information contact: Quentin Hanchard, extension 5324

Date: July 16, 2003

CITY OF TORONTO [ETOBICOKE COMMUNITY]

8.1.22 JAMIE CORNELIUS

To construct in a flood plain on Lot 40, (53 Sedgebrooke Crescent), in the City of Toronto (Etobicoke Community Council Area), Mimico Creek Watershed as located on the property owned by Jamie Cornelius.

● **Withdrawn**

8.1.23 SUNRISE WEST BUILDING GROUP INC.

To place fill within a regulated area on, (east of Legion Road North), in the City of Toronto (Etobicoke Community Council Area), Mimico Creek Watershed as located on the property owned by Sunrise West Building Group Inc.

The purpose is to place and remove fill within a Fill Regulated Area to facilitate the construction of an above and below ground parking structure and associated multi-level condominium residential structures.

The permit will be issued for the period of July 25, 2003 to July 24, 2008.

- **Site Plan, The Tides At Mystic Pointe - Sheet No. A102, prepared by Burka Varacalli Architects, dated July 10, 2003, received by TRCA July 14, 2003.**

- **Letter of Undertaking indicating that Planting Plans will be revised to the satisfaction of TRCA staff, prepared by Catherine Bertucci of Sunrise West Building Group Inc., dated July 21, 2003.**

RATIONALE

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

Proposal:

The purpose is to place and remove fill within a Fill Regulated Area to facilitate the construction of an above and below ground parking structure and associated multi-level condominium residential structures. The parking structure and condominium towers are located outside of the Fill Regulation Area but require a permit because of the proposed "open-cut" foundation construction which will occur above the top of bank but within the Fill Regulated Area on Authority owned lands. The areas disturbed as a result of the construction will be restored with native plant materials.

Control of Flooding:

The proposed work is outside of the Regional Storm Floodplain and will not affect the storage or conveyance of storm flows.

Pollution:

The proposed works will be surrounded by sediment and erosion control fencing to prevent the overland migration of sediment into the watercourse.

Conservation of Land:

There are no geotechnical or fisheries related issues with this application. While minor amounts of vegetation will be disturbed as a result of this proposal, these areas will be restored following construction.

Plantings

While landscape plans have not been finalized at this time, this application is proposing to install 34 trees and 233 shrubs.

Policy Guidelines:

This proposal is consistent with section 4.1 New Development of the Authority's Valley and Stream Corridor Management Program.

CFN: 34470

Application #: 255/03/TOR

Report Prepared by: Brian Casagrande, extension 5311

For information contact: Quentin Hanchard, extension 5324

Date: July 16, 2003

CITY OF TORONTO [MIDTOWN COMMUNITY]

8.1.24 ADNAN PARUK

To place fill within a regulated area on Lot 20, Plan 5982-Y, (24 York Valley Crescent), in the City of Toronto (Midtown Community Council Area), Don River Watershed as located on the property owned by Adnan Paruk.

The purpose is to excavate and place fill within the Fill Regulated Area of the Don River, in order to facilitate the removal of the existing dwelling and the construction of a new two storey dwelling.

The permit will be issued for the period of July 25, 2003 to July 24, 2005.

- **Site Plan, Lot 20, Registered Plan 5982-Y, prepared by Rowan-Stanciu Ltd., dated July 9, 2003, received July 18, 2003.**

RATIONALE

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

Proposal:

The proposal involves the excavation and placement of fill within a Fill Regulated Area of the Don River to facilitate the removal of the existing dwelling and construction of a new two storey dwelling with basement on the property located at 24 York Valley Road. The subject property is located within the Fill Regulated Area but outside of the Regional Storm Floodplain. The proposed dwelling would maintain the same rear yard setback to the toe of the slope as the existing dwelling. The property is on a wide valley floor of the Don River. The new dwelling would be extended approximately 17 ft (5 m) closer to the front (street) lot line.

Control of Flooding:

The proposed development is located outside the Regulatory Flood Plain and as such shall not impact the storage or conveyance of flood waters.

Pollution:

Sediment fencing will be installed and maintained during construction to prevent sediment from entering the watercourse.

Conservation of Land:

The proposed works will not impact any significant natural features, and no geotechnical/slope instability, or fisheries issues are associated with the project for the new home.

Plantings

The proposed works will not impact vegetation on or adjacent to the property.
Landscaping is proposed at the front of the property.

Policy Guidelines:

The proposal is consistent with Section 4.2- Existing Development- of the Authority's Valley and Stream Corridor Management Program.

CFN: 34431

Application #: 222/03/TOR

Report Prepared by: Mark Rapus, extension 5259

For information contact: Mark Rapus, extension 5259

Date: July 14, 2003

8.1.25 CITY OF TORONTO

To alter two waterways in the City of Toronto (Midtown Community Council Area), Don River Watershed as located on the property owned by City of Toronto.

The purpose is to alter two waterways as part of the ongoing infrastructure maintenance program of the City of Toronto.

The permit will be issued for the period of July 25, 2003 to July 24, 2005.

- **Three Valley Park Construction Plan, drawing No. 1/1, dated July 4, 2003, prepared by Terraprobe, received July 7, 2003.**
- **Vyner Green Belt Construction Plan, drawing No. 1/1, dated July 4, 2003, prepared by Terraprobe, received July 7, 2003.**

RATIONALE

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

Proposal:

The applicant proposes to alter a watercourse at three sites as part of the ongoing infrastructure maintenance program. The works are minor and similar in nature and are being processed as one permit as follows:

Three Valleys Park - East Side of Barnwood Court, just south of Laurentide Drive.

Within the project length, there are three main existing structures along the small ravine valley, consisting of two storm outfalls and a covered culvert pipe located between these outfalls. There is channel bank erosion associated with each of the structures. It is proposed to replace the headwall of the upstream and downstream side of the pedestrian culvert crossing. Reconstruction would consist of stacked armourstone. River run materials are to be placed immediately upstream of the upstream storm outfall, where there is a large boulder and minor jump down to the storm outfall level. This will remove the existing fish barrier. The river run materials are also to be placed downstream of the downstream storm outfall to reduce creek bed erosion.

Vyner Green Belt (two sections) - South Side of Bannatyne Drive between Silver Grove and southerly to the intersection of the channel with Bannatyne Drive

Section 1 - South side of Bannatyne Drive

It is proposed to replace the headwall and wingwall structures with stacked armourstone. The gabion materials currently pinching the creek are to be removed and placed with armourstone, extending upstream from the culvert for approximately 35 metres to act as wing walls. The existing drop structure would be removed from this location and replaced with riverstone.

Section 2 - North side of Vyner Road

It is proposed to remove two broken culvert sections lying in the creek and to dispose these culvert sections off-site and conduct some minor stream improvements to facilitate the same.

Control of Flooding:

The new bank protection material (armourstone) will be replacing the existing gabion materials, therefore there will be no negative impacts on storage or conveyance of flood water. The works will also allow for less impediments to flood flow.

Pollution:

Erosion control measures will be installed to prevent the migration of construction generated sediment into the watercourse.

Conservation of Land:

All filled and disturbed areas will be stabilized/revegetated following construction. No significant resource features will be impacted by the proposed works.

Plantings

New native plantings are proposed for the north end of Three Valley Park.

Policy Guidelines:

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

CFN: 34469

Application #: 254/03/TOR

Report Prepared by: Mark Rapus, extension 5259

For information contact: Mark Rapus, extension 5259

Date: July 17, 2003

8.1.26 ELEANOR SHEN

To place fill within a regulated area on Part Lot 3 and Lot 4, Plan M289, 346 Riverview Drive, in the City of Toronto (Midtown Community Council Area), Don River Watershed as located on the property owned by Eleanor Shen.

The purpose is to excavate and place fill within a Fill Regulated Area of the West Branch of the Don River to facilitate the demolition of an existing residence and the construction of a new two-storey dwelling and associated in-ground septic system.

The permit will be issued for the period of July 25, 2003 to July 24, 2005.

- **Red-Lined Revised Site Plan, Drawing No. AS-1, prepared by J.F. Brennan Design/Build, dated June 2003, received July 17, 2003.**
- **Landscape Drawing - Shen Concept, prepared by Earth Inc., received July 17, 2003.**

RATIONALE

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

Proposal:

The proposal involves the excavation and placement of fill within a Fill Regulated Area of the West Branch of the Don River to facilitate the demolition of an existing residence and construction of a new two-storey home with an adjacent in-ground septic system. The subject property is located within the Fill Regulated Area but outside of the Regional Storm floodplain. The proposed two-storey home will have a setback of approximately 4 metres from the valley corridor; maintaining a similar setback from the existing two-storey residence.

Control of Flooding:

The proposed works are not located within the Regional Storm Floodplain and therefore will not affect the storage or conveyance of flood waters.

Pollution:

Silt fencing will be installed and maintained during construction to prevent sediment from entering the watercourse which is located approximately 100 metres away.

Conservation of Land:

The proposed two-storey residence will maintain a similar footprint to the existing home on the subject property. There are no geotechnical/slope stability issues anticipated with the proposed works. The proposed septic system is located on tableland and sufficiently setback from the top of bank. No other significant resource features will be impacted by the proposed development.

Plantings

The works will not impact vegetation on or adjacent to the valley slope. Four new native evergreens will be planted in the rear yard.

Policy Guidelines:

This project complies with Section 4.2. - Existing Development, of the Authority's Valley and Stream Corridor Management Program.

CFN: 34465

Application #: 250/03/TOR

Report Prepared by: Kevin Huang, extension 5307

For information contact: Mark Rapus, extension 5259

Date: July 14, 2003

CITY OF TORONTO [TORONTO EAST YORK COMMUNITY]

8.1.27 FRANK AND TRACEY ABATE

To place fill within a regulated area on Lot 38 (11 Notley Place), in the City of Toronto (Toronto East York Community Council Area), Don River Watershed as located on the property owned by Frank and Tracey Abate.

The purpose is to excavate and place fill within a Fill Regulated Area of the Don River to facilitate the construction of an inground swimming pool within the rear manicured yard of the existing dwelling.

The permit will be issued for the period of to in accordance with the following documents and plans which form part of this permit:

- **Site Plan - 11 Notley Place, received July 22, 2003.**

RATIONALE

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

Proposal:

The subject property is located adjacent to the Don River and located partially within a Fill Regulated Area. The proposed works involve the excavating and placing fill to facilitate the construction of an inground swimming pool within the rear manicured yard of the existing dwelling. The pool will be situated 6 metres from the stable top of bank. The proposed works are contained within the manicured yard which is delineated by a chain linked fence. There will be no intrusion into the adjacent valley slope.

Control of Flooding:

The proposed works are not located within the Regional Storm Floodplain, and therefore will not affect the storage or conveyance of flood waters.

Pollution:

Silt fencing will be installed and maintained during the construction to prevent sediment from entering the adjacent valley system.

Conservation of Land:

The proposed pool will maintain a minimum 6 metre setback from the stable top of bank and is consistent with existing development of the corridor reach. There are no slope stability/geotechnical issues associated with this project and there will be no impact on any significant resource features. No fisheries issues or impacts on riparian vegetation are anticipated.

Plantings

The proposed works will not affect any existing natural features; therefore, no plantings are required as part of this application.

Policy Guidelines:

The project is consistent with Section 4.2.2. (E) - Property Improvements and Ancillary Structures, of the Authority's Valley and Stream Corridor Management Plan.

CFN: 34456

Application #: 240/03/TOR

Report Prepared by: Annemarie Sanchez, extension 5284

For information contact: Russel White, extension 5306

Date: July 7, 2003

8.1.28 ADAM VASSO

To place fill within a regulated area on Lot 10 Concession 2, (12 Barbara Crescent), in the City of Toronto (Toronto East York Community Council Area), Don River Watershed as located on the property owned by Adam Vasso.

The purpose is to excavate and place fill within the Fill Regulated Area of the Don River, to facilitate the construction of an inground swimming pool within the rear manicured yard of the existing dwelling.

The permit will be issued for the period of July 25, 2003 to July 24, 2005 in accordance with the following documents and plans which form part of this permit:

- **Site Plan - Part of Block A, Registered Plan 2891 York and Part of Lot 10, Concession 2 dated July 1993, prepared by C.E. Dotterill Ltd., received July 15, 2003.**

RATIONALE

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

Proposal:

The subject property is located adjacent to the Don River and is located partially within a Fill Regulated Area. The proposed works involve excavating and placing fill to facilitate the construction of an inground pool within the rear manicured yard of the existing dwelling. The proposed works are contained within the property boundary which is delineated by a chain linked fence. All works are setback 10 metres away from the top of bank. Access to the site will be from the existing street with no disruption to the Don River.

Control of Flooding:

The proposed works are not located within the Regional Storm Floodplain, and therefore will not affect the storage or conveyance of flood waters.

Pollution:

Silt fencing will be installed and maintained during the construction to prevent sediment from entering the adjacent valley system which is located approximately 100 metres away.

Conservation of Land:

The proposed works are not expected to impact on any significant resource features. All works are sufficiently setback from the top of bank. There are no slope stability/geotechnical issues associated with the project. No fisheries issues or impacts on riparian vegetation are anticipated.

Plantings

The proposed works will not affect any existing natural features; therefore, no plantings are required as part of this application.

Policy Guidelines:

The project is consistent with Section 4.2.2. (E) - Property Improvements and Ancillary Structures, of the Authority's Valley and Stream Corridor Management Program.

CFN: 34468

Application #: 253/03/TOR

Report Prepared by: Annemarie Sanchez, extension 5284

For information contact: Russel White, extension 5306

Date: July 15, 2003

8.1.29 DEAN METCALF AND LIZ ARMITAGE

To construct in a flood plain, place fill within a regulated area (4 Faircrest Circle), in the City of Toronto (Toronto East York Community Council Area), Don River Watershed as located on the property owned by Dean Metcalf and Liz Armitage.

The purpose is to excavate and place fill within the Fill Regulated Area of the East Humber River, to facilitate the construction of an inground swimming pool within the rear manicured yard of the existing dwelling.

The permit will be issued for the period of July 25, 2003 to July 24, 2005.

- **Site Plan - 4 Faircrest Circle, received June 16, 2003.**
- **Letter confirming that the pool installation will not be detrimental to the slope stability, prepared by V.A. Wood Associates Limited.**

RATIONALE

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

Proposal:

The subject property is located adjacent to the Don River and located partially within a Fill Regulated Area. The proposed works involve excavating and placing fill to facilitate the construction of an inground swimming pool within the rear manicured yard of the existing dwelling. The pool will be situated 4.5 metres from the stable top of bank of the adjacent valley slope. The proposed works are contained within the property boundary which is delineated by a chain linked fence.

Control of Flooding:

The proposed works are not located within the Regional Storm Floodplain, and therefore will not affect the storage or conveyance of flood waters.

Pollution:

Silt fencing will be installed and maintained during the construction to prevent sediment from entering the adjacent valley system.

Conservation of Land:

The proposed pool will maintain a minimum 4.5 metre setback from the stable top of bank and is consistent with existing development of the corridor reach. There are no slope stability/geotechnical issues associated with this project and there will be no impact on any significant resource features. No fisheries issues or impacts on riparian vegetation are anticipated.

Plantings

The proposed works will not affect any existing natural features; therefore, no plantings are required as part of this application.

Policy Guidelines:

The project is consistent with Section 4.2.2. (E) - Property Improvements and Ancillary Structures, of the Authority's Valley and Stream Corridor Management Plan.

CFN: 34473

Application #: 258/03/TOR

Report Prepared by: Annemarie Sanchez, extension 5284

For information contact: Russel White, extension 5306

Date: July 16, 2003

CITY OF VAUGHAN

8.1.30 CITY OF VAUGHAN

To place fill within a regulated area (around Pine Grove Drive), in the City of Vaughan, Humber River Watershed as located on the property owned by City of Vaughan.

The purpose is to place/move fill within a Regulated Area through road and underground servicing improvements on Birch Hill Road, Hartman Avenue, Pine Ridge Avenue, Woodview Road and Pine Grove Road in Woodbridge; a new storm sewer outfall will also be constructed from Hartman Avenue..

The permit will be issued for the period of July 25, 2003 to July 24, 2005.

- **Letter of Undertaking from Thomas Ungar dated July 18, 2003 stating that all plans will be revised to the satisfaction of Authority staff.**

RATIONALE

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

Proposal:

The proposal is to conduct grading works in a Fill Regulated Area and to install a storm sewer outfall to an existing drainage ditch, in order to upgrade servicing and road sections of Birch Hill Road, Hartman Avenue, Pine Ridge Avenue, Woodview Road and Pine Grove Road in Woodbridge, in the City of Vaughan. The grading works involve the resurfacing of the existing asphalt road and the installation of curbs and drainage ditches within the road right-of-way. Existing water mains along existing roads will be replaced, but none of the road or servicing work will take place across a watercourse. The new storm sewer outfall will outlet to an existing drainage ditch; the existing drainage ditch currently outlets to the flood plain of the East Humber River Valley, approximately 40 metres from the East Humber River.

Control of Flooding:

Authority Water Management staff are satisfied that the proposed works are designed appropriately so that the control of flooding will not be affected.

Pollution:

A sediment and erosion control plan will be implemented and maintained for the duration of the work, so that sedimentation into the valley will not occur.

Conservation of Land:

There are no geotechnical issues related to this project and no significant natural heritage features will be affected. Given that no work will be taking place in or within close proximity to a watercourse, there are no fisheries issues associated with this proposal. Following completion of the work, all disturbed areas will be stabilized and restored.

Plantings

The disturbed area for the storm sewer outfall construction will be restored with approximately 30 native, non-invasive trees and shrubs.

Policy Guidelines:

This proposal is consistent with Section 4.3, Infrastructure and Servicing, in the Authority's Valley and Stream Corridor Management Program.

CFN: 34365

Application #: 179/03/VAUG

Report Prepared by: Mary-Ann Burns, extension 5267

For information contact: Mary-Ann Burns, extension 5267

Date: July 14, 2003

8.1.31 YORK REGION DISTRICT SCHOOL BOARD

To alter a waterway on Lot 16, Concession 5, (61 Julliard Drive), in the City of Vaughan, Don River Watershed as located on the property owned by York Region District School Board.

The purpose is to alter a watercourse through the construction of a concrete stormwater outfall to the West Don River, in order to service an elementary school in an approved subdivision, City of Vaughan.

The permit will be issued for the period of July 25, 2003 to July 24, 2005.

- **Letter of Undertaking indicating that plans will be revised to the satisfaction of TRCA staff, from Dominic Battistel of Makrimichalos Cugini Architects, dated July 23, 2003.**

RATIONALE

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

Proposal:

The purpose is to alter a watercourse through the construction of a concrete stormwater outfall to the West Don River. The outfall would service an elementary school which is proposed for the subject property (61 Julliard Drive, Vaughan). The proposed outfall is to be located just north of Rutherford Road and west of Jane Street, and is within an approved plan of subdivision. Staff have reviewed the site plan for the proposed school and supported the approval of the application, subject to the condition that an Ontario Regulation 158 permit was granted for the stormwater outfall.

Control of Flooding:

The proposed outfall works will not affect the storage or conveyance of storm flows because change to the original grade elevations will be minimal.

Pollution:

Sediment and erosion control measures will be implemented and maintained for the duration of construction to prevent sedimentation of the watercourse.

Conservation of Land:

No geotechnical, fisheries, or significant vegetation issues are associated with the design of this proposal. All disturbed areas will be restored upon completion of the works.

Plantings

All disturbed areas will be restored and stabilized with approximately 240 native trees, shrubs, and herbaceous vegetation. Native seed mixes will also be applied to the disturbed area, to the satisfaction of TRCA staff.

Policy Guidelines:

This project is consistent with Section 4.3 - Infrastructure and Servicing, of the Authority's Valley and Stream Corridor Management Program.

CFN: 34385

Application #: 200/03/VAUG

Report Prepared by: Kellie McCormack, extension 5269

For information contact: Mary-Ann Burns, extension 5267

Date: July 14, 2003

TOWN OF AJAX

8.1.32 HAMPTSTOCK DEVELOPMENTS INC.

To alter a waterway, construct in a flood plain, place fill within a regulated area on Lot 3, 4, 5, Concession 3, in the Town of Ajax, Carruthers Creek Watershed as located on the property owned by Hamptstock Developments Inc..

The purpose is to alter a waterway, place fill in a Fill Regulated Area and construct in the Regional Storm Flood Plain of Carruthers Creek in order to facilitate a storm water management pond, pond outfall and associated outfall channel.

The permit will be issued for the period of July 25, 2003 to July 24, 2008.

- **Storm Pond Cut Fill Analysis, Drawing 102A, prepared by Sabourin Kimble & Associates Ltd., dated July 10, 2003, date received July 17, 2003.**
- **Storm Drainage Plan (North), Drawing 104, prepared by Sabourin Kimble & Associates Ltd., dated January 2003, date received June 24, 2003.**
- **Lot Grading Plan - Phase 1 (Southwest), Drawing 108, prepared by Sabourin Kimble & Associates Ltd., dated January 2003, date received June 24, 2003.**
- **Lot Grading Plan - Phase I (Northwest), Drawing 109, prepared by Sabourin Kimble & Associates Ltd., dated January 2003, date received June 24, 2003.**
- **Lot Grading Plan - Phase I (Northeast), Drawing 110, prepared by Sabourin Kimble & Associates Ltd., dated January 2003, date received June 24, 2003.**
- **Lot Grading Plan - Phase I (Southeast), Drawing 111, prepared by Sabourin Kimble & Associates Ltd., dated January 2003, date received June 24, 2003.**
- **Sediment Control Plan (North), Drawing 132, prepared by Sabourin Kimble & Associates Ltd., dated January 2003, date received July 17, 2003.**
- **Sediment Control Plan (South), Drawing 133, prepared by Sabourin Kimble & Associates Ltd., dated January 2003, date received July 17, 2003.**
- **Stormwater Management Pond Details, Drawing 134, prepared by Sabourin Kimble & Associates Ltd., dated January 2003, date received July 17, 2003.**
- **Stormwater Management Pond Details, Drawing 135, prepared by Sabourin Kimble & Associates Ltd., dated January 2003, date received July 17, 2003.**
- **Stormwater Management Pond Details, Drawing 136, prepared by Sabourin Kimble & Associates Ltd., dated January 2003, date received July 17, 2003.**
- **Stormwater Management Pond Details, Drawing 137, prepared by Sabourin Kimble & Associates Ltd., dated January 2003, date received July 17, 2003.**
- **Plant List, Drawing D-1, prepared by Sabourin Kimble & Associates Ltd., dated July 10, 2003, date received July 17, 2003.**
- **Details, Drawing D-2, prepared by Sabourin Kimble & Associates Ltd., dated July 10, 2003, date received July 17, 2003.**
- **Block 198 Storm Water Management Pond & Valley Restoration Grading & Seeding Plan, Drawing SP-1, prepared by Sabourin Kimble & Associates Ltd., dated July 10, 2003, date received July 17, 2003.**
- **Block 198 Storm Water Management Pond & Valley Restoration Planting Plan, Drawing SP-2, prepared by Sabourin Kimble & Associates Ltd., dated July 10, 2003, received July 17, 2003.**

- **Letter of Undertaking, prepared by Sabourin Kimble & Associates Ltd., regarding Stormwater Management Pond Restoration and Landscaping Planting Plans, dated July 16, 2003, date received July 17, 2003.**

RATIONALE

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

Proposal:

The purpose of the proposal is to alter a watercourse, place fill in a Fill Regulated Area and construct in the Regional Storm Flood Plain of Carruthers Creek in order to facilitate the construction of a stormwater management pond, pond outfall and associated outfall channel. The stormwater management pond is part of the draft approved plan of subdivision 18T-98016. The proposal for the facility works is part of the clearance of conditions process for the plan of subdivision. The stormwater management pond is located partially in the Regional Storm Flood Plain while the outfall channel and outfall proper are located entirely within the Regional Storm Flood Plain of Carruthers Creek. The proposed works are sufficiently setback from Carruthers Creek. Associated with the plan of subdivision and this stormwater management proposal, a road is also proposed to access the future subdivision. This road is located primarily on agricultural tableland, though a portion is located within the wide, shallow flood plain (flood fringe) of Carruthers Creek. The subdivision itself is located entirely on tableland. The proposal for the road and the stormwater management facility has been considered comprehensively so that the control of flooding can be appropriately addressed.

Control of Flooding:

Analysis by TRCA engineering staff has determined that a standard cut/fill balance is not feasible as it would require the removal of vegetation on the adjacent bank of the watercourse. However, the excavation required for the stormwater management pond has been deemed sufficient for the purposes of balancing flood storage within the reach. As a result, no impacts to the storage or conveyance of flood waters will result from this proposal.

Pollution:

A sediment and erosion control system will be installed and maintained during construction in order to prevent sediment from entering the watercourse.

Conservation of Land:

There are no geotechnical/slope stability issues associated with this project. All disturbed areas are to be stabilized and restored with native tree and shrub plantings and native seed mixes applied, to the satisfaction of TRCA ecology staff.

Plantings

The storm water management pond will be planted with native submergent, emergent and floating vegetation and the banks of the pond vegetated with shoreline deciduous and coniferous trees and shrub plantings. All disturbed areas will be stabilized and restored with native tree and shrub plantings and seed mixes. A Letter of Undertaking indicating that the species and locations of plantings will be revised to the satisfaction of the TRCA, where necessary.

Policy Guidelines:

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

CFN: 33986

Application #: 041/03/AJAX

Report Prepared by: Kirsten Kontor, extension 5370

For information contact: Kirsten Kontor, extension 5370

Date: July 14, 2003

8.1.33 RUNNYMEDE DEVELOPMENT CORPORATION LIMITED

To alter a waterway on Part Lot 3, 4, 5, Concession 1, Part Lot 6, Concession 2, in the Town of Ajax, Carruthers Creek Watershed as located on the property owned by Runnymede Development Corporation Limited.

The purpose is to alter a waterway in order to facilitate the construction of two storm water management ponds, pond outfalls and associated channels outletting to Guthrie tributary of Carruthers Creek.

The permit will be issued for the period of July 25, 2003 to July 24, 2008.

- **Storm Drainage Plan (South), Drawing 4, prepared by Sabourin Kimble & Associates Ltd., dated December 2002, received February 13, 2003.**
- **Storm Drainage Plan (Central), Drawing 5, prepared by Sabourin Kimble & Associates Ltd., dated December 2002, received February 13, 2003.**
- **Storm Drainage Plan (North), Drawing 6, prepared by Sabourin Kimble & Associates Ltd., dated December 2002, received February 13, 2003.**
- **Lot Grading Plan (South), Drawing 10, prepared by Sabourin Kimble & Associates Ltd., dated December 2002, received February 13, 2003.**
- **Lot Grading Plan (Central), Drawing 11, prepared by Sabourin Kimble & Associates Ltd., dated December 2002, received February 13, 2003.**
- **Lot Grading Plan (North), Drawing 12, prepared by Sabourin Kimble & Associates Ltd., dated December 2002, received February 13, 2003.**
- **North & South Stormwater Management Ponds, Drawing 39, prepared by Sabourin Kimble & Associates Ltd., dated January 2003, received February 13, 2003.**
- **North Stormwater Management Pond Details, Drawing 40, prepared by Sabourin Kimble & Associates Ltd., dated January 2003, received February 13, 2003.**
- **North Stormwater Management Pond Details, Drawing 41, prepared by Sabourin Kimble & Associates Ltd., dated January 2003, received February 13, 2003.**
- **South Stormwater Management Pond Details, Drawing 42, prepared by Sabourin Kimble & Associates Ltd., dated January 2003, received February 13, 2003.**
- **South Stormwater Management Pond Details, Drawing 43, prepared by Sabourin Kimble & Associates Ltd., dated January 2003, received February 13, 2003.**
- **Sediment Control Plan (South), Drawing 47, prepared by Sabourin Kimble & Associates Ltd., dated December 2002, received February 13, 2003.**
- **Sediment Control Plan (Central), Drawing 48, prepared by Sabourin Kimble & Associates Ltd., dated December 2002, received February 13, 2003.**

- **Sediment Control Plan (North), Drawing 49, prepared by Sabourin Kimble & Associates Ltd., dated December 2002, received February 13, 2003.**
- **Letter of Undertaking, prepared by Sabourin Kimble & Associates Ltd., dated July 22, 2003, received July 23, 2003.**

RATIONALE

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

Proposal:

The purpose of this proposal is to alter a waterway in order to facilitate the construction of two storm water management ponds, pond outfalls and associated channels outletting to Guthrie tributary of Carruthers Creek, in the Town of Ajax. The storm water management ponds are part of the draft approved plan of subdivision 18T-98016 and the proposal to permit the ponds, outfalls and outfall channels is part of the clearance of conditions process for the plan of subdivision. The storm water management ponds are proposed to outlet to the Guthrie tributary, just north of the Salem Road bridge crossing that has already been approved through the permitting process. The channel realignment of the tributary was also approved through that permit and the current proposal involves the outlet of the two storm water management ponds to the newly realigned channel configuration. The works are sufficiently setback from the valleylands.

Control of Flooding:

This proposal will result in no impact to the conveyance or storage of flood waters.

Pollution:

A sediment and erosion control system will be installed and maintained during construction to prevent construction-generated sediment from entering the watercourse.

Conservation of Land:

There are no geotechnical/slope stability issues associated with this proposal. The channel realignment will constitute a Harmful Alteration, Disruption or Destruction to fish habitat under the Federal Fisheries Act and authorization from the Department of Fisheries and Oceans (DFO) has been sought through the previous permit for the road crossing. TRCA ecology staff has determined that the current proposal will not have any impacts on fish habitat. All disturbed areas will be restored and stabilized.

Plantings

All disturbed areas will be revegetated with native plantings. Tree preservation measures will be undertaken to protect any existing trees during construction.

Policy Guidelines:

The proposal complies with Section 4.2 - Infrastructure and Servicing - of the Authority's Valley and Stream Corridor Management Program.

CFN: 34052

Application #: 057/03/AJAX

Report Prepared by: Kirsten Kontor, extension 5370

For information contact: Kirsten Kontor, extension 5370

Date: July 14, 2003

TOWN OF CALEDON

8.1.34 MIKE AND JUDY HIPKIN

To alter a waterway on Lot 27, Concession 2, (3709 King Street, R.R. 1), in the Town of Caledon, Humber River Watershed as located on the property owned by Mike and Judy Hipkin.

The purpose is to alter a watercourse, place and remove fill in a Fill Regulated area and Regional Floodplain to facilitate the dredging of an on-line pond..

The permit will be issued for the period of July 25, 2003 to July 24, 2005.

- **Report on Existing Watercourse and Building Addition, Hipkin Residence, Town of Caledon, prepared by N. Miele, May 23, 2003, stamped received by TRCA Development Services, May 27, 2003.**
- **Hipkin Residence, 3709 King Street, Town of Caledon, Ontario, Landscape Plan, Drawing Number L-1, prepared by N. Miele, dated May 28, 2003, stamped received TRCA Development Services, May 27, 2003.**
- **Hipkin Residence, 3709 King Street, Town of Caledon, Ontario, Landscape Details, Drawing Number L-2, prepared by N. Miele, dated May 28, 2003, stamped received TRCA Development Services, May 27, 2003.**
- **Topography of Part of West Half Lot 27, Concession 2, East of Hurontario Street, Prepared by Ted Van Lankveld, Ontario Land Surveyors, January 22, 2003.**
- **Letter of undertaking, prepared by Mr. M. Hipkin and Mrs. Judy Hipkin, dated July 15, 2003, stamped received TRCA Development Services, July 16, 2003.**

RATIONALE

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

Proposal:

The applicants initially contacted TRCA staff in 2002 to discuss the dredging of their on-line pond. Options were explored for taking the pond off-line, which proved not feasible due to topographic constraints. Significant volumes of sediment have accumulated in the pond, which is adversely affecting water quality and habitat value. This is a cold water stream, and thus the fisheries timing window requires this work to be completed before September if it is to be completed in 2003. To complete the works, the applicant is proposing to temporarily take the pond off-line through damming the flow, and pumping water to the downstream side of the pond. Areas affected by the project will be rehabilitated to pre-construction condition. This permit is contingent upon the pending review of this application by the Department of Fisheries and Oceans.

Control of Flooding:

The works will occur in the Regional Storm Floodplain, however this is a temporary project for which permanent modifications to the storage and conveyance of stream and storm flows are not anticipated.

Pollution:

Sediment and erosion control measures will be put in place during construction to reduce the impact on surrounding features. Any surrounding vegetation disturbed during the construction process will be restored to pre-construction condition.

Conservation of Land:

No significant vegetative or geotechnical concerns exist with respect to this project. Fisheries related issues are being addressed through adherence to the Fisheries Cold Water Timing Window.

Plantings

No significant vegetation is to be removed through this project. As such, no compensatory planting is required.

Policy Guidelines:

The proposed works are consistent with Section - 4.2.2, Development and Redevelopment/Intensification Within Non-Established Communities/ Highly Urbanized Areas, of the Authority's Valley and Stream Corridor Management Program.

CFN: 33385

Application #: 292/02/CAL

Report Prepared by: Quentin Hanchard, extension 5324

For information contact: Quentin Hanchard, extension 5324

Date: July 14, 2003

8.1.35 PATRICIA FIGLIOMENI

To construct in a flood plain, place fill within a regulated area on, (8 Blueberry Hill Court), in the Town of Caledon, Humber River Watershed as located on the property owned by Patricia Figliomeni.

● **Withdrawn**

TOWN OF MARKHAM

8.1.36 ENBRIDGE GAS DISTRIBUTION INC.

To construct in a flood plain (northwest corner of Steeles Avenue and Bayview Avenue), in the Town of Markham, Don River Watershed as located on the property owned by Enbridge Gas Distribution Inc..

The purpose is to excavate in a Fill Regulated Area and construct in the Regional Storm Flood Plain of the Don River in order to facilitate the installation of a gas main.

The permit will be issued for the period of July 25, 2003 to July 24, 2005.

- **Site Plan, as submitted by the applicant, dated May 26, 2003, date received June 6, 2003.**

RATIONALE

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

Proposal:

The proposal involves excavation in a Fill Regulated Area and construction in the Regional Storm Flood Plain of the Don River in order to facilitate the installation of a gas main. An open trench approximately 1 metre in depth will be excavated in order to install the 1 inch steel gas main pipe at an appropriate depth. In this location, the Don River passes through a concrete box culvert and is located well beneath the proposed gas main pipe depth. The proposed gas main will connect to existing gas mains located to the north and south of the proposed installation location.

Control of Flooding:

There will be no impact to the storage or conveyance of flood waters.

Pollution:

Sediment and erosion control measures will be installed and maintained throughout construction in order to prevent any sediment from entering the watercourse. The open trench will be excavated above the concrete box culvert, hence no sedimentation of the watercourse will occur.

Conservation of Land:

There are no geotechnical/slope stability issues associated with this project. As the watercourse will not be impacted by the proposal, no fisheries concerns will result. There are no other significant natural features on or adjacent to the site that may be negatively impacted by the project.

Plantings

All disturbed areas will be restored following construction with the application of an appropriate seed mix, to the satisfaction of the TRCA.

Policy Guidelines:

This project is consistent with Section 4.3 - Infrastructure and Servicing - of the Authority's Valley and Stream Corridor Management Program.

CFN: 34420

Application #: 216/03/MARK

Report Prepared by: Kirsten Kontor, extension 5370

For information contact: Kirsten Kontor, extension 5370

Date: June 17, 2003

8.1.37 LARKIN-MONARCH PARTNERSHIP

To alter a waterway, construct in a flood plain on Part Lot 16, Concession 6, (west of McCowan Road, north of Sixteenth Avenue), in the Town of Markham, Rouge River Watershed as located on the property owned by Larkin-Monarch Partnership.

The purpose is to construct a road crossing over Burndenett Creek in the Berczy village community of Markham, in order to service phase five of a draft approved plan of residential subdivision, known as Larkin-Monarch (19T-95009).

The permit will be issued for the period of July 25, 2003 to July 24, 2008.

- **Letter of Undertaking from Sarah Kurtz dated July 4, 2003 stating that all plans will be revised to the satisfaction of Authority staff.**

RATIONALE

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

Proposal:

The purpose of the proposal is to construct a road crossing over Burndenett Creek in the Berczy Village community of Markham, in order to service phase five of a draft approved plan of residential subdivision, known as Larkin-Monarch (Town file no. 19T-95009). Authority staff issued conditions of draft approval for the subdivision application, one of which, is obtaining this permit. The crossing will consist of a 12.2 metre wide, open bottom culvert, which will span the watercourse and the riparian zone. In addition, approximately 25 metres of the creek, upstream of the proposed culvert, will be realigned in order to configure the watercourse perpendicular to the culvert. The existing alignment of the subject watercourse and the alignment of the existing road network necessitate this realignment of the watercourse. The design of the realigned section will be in accordance with natural channel design principles, to the satisfaction of staff and the Department of Fisheries and Oceans (DFO).

Control of Flooding:

Authority Water Management staff are satisfied that the culvert is appropriately designed in order to convey flood flows safely, up to the Regional Storm.

Pollution:

A sediment and erosion control plan will be implemented and maintained for the duration of the work, so that sedimentation of the watercourse will not occur.

Conservation of Land:

There are no geotechnical issues associated with this project. The realignment of the watercourse proposed for this crossing is considered a Harmful Alteration, Disruption and Destruction (HADD) to fish habitat. Therefore, this proposal requires an Authorization from DFO. A permit from the Ministry of Natural Resources (MNR) is also necessary for the proposal. The TRCA permit will not be released until DFO Authorization is granted. All instream works will take place within the MNR fisheries timing window of July 1 to September 15.

Plantings

No significant natural heritage features will be affected by the proposed works. Further, all of the disturbed areas will be restored and enhanced with the planting of over two hundred native trees and shrubs.

Policy Guidelines:

The proposal is consistent with Section 4.3, Infrastructure and Servicing, of the Authority's Valley and Stream Corridor Management Program.

CFN: 33774

Application #: 442/02/MARK

Report Prepared by: Mary-Ann Burns, extension 5267

For information contact: Mary-Ann Burns, extension 5267

Date: July 14, 2003

8.1.38 MARKHAM TRAILS LIMITED PARTNERSHIP

To construct in a flood plain on Part Lot 19, Concession 6, (Castlemore Avenue Crossing of Robinson Creek), in the Town of Markham, Rouge River Watershed as located on the property owned by Markham Trails Limited Partnership.

The purpose is to construct a road crossing over Robinson Creek in order to service Phase Three of a draft approved plan of residential subdivision known as Markham Trails (19T-01008).

The permit will be issued for the period of July 25, 2003 to July 24, 2008.

- **Drawing No. 1, Castlemore Avenue Culvert Crossing Plan, Section and Details, prepared by Stantec Consulting Ltd., dated June 2003.**
- **Drawing No. 601, Castlemore Avenue Culvert Crossing Details, prepared by Stantec Consulting Ltd., dated June 2003.**
- **Drawing No. 407, Castlemore Avenue STA. 1+526.67 to 1+775, prepared by Stantec Consulting Ltd., dated June 2003.**
- **Drawing No. 408, Castlemore Avenue STA. 1+775 to 1+875, prepared by Stantec Consulting Ltd., dated June 2003.**
- **Drawing No. RP1, Valley Rehabilitation Plan Castlemore Avenue Planting, prepared by Cosburn Giberson Landscape Architects, date revised June 24, 2003.**
- **Drawing No. RP2, Valley Rehabilitation Plan Stream Course Planting, prepared by Cosburn Giberson Landscape Architects, date revised July 18, 2003.**
- **Drawing No. RP3, Valley Rehabilitation Detail Sheet, prepared by Cosburn Giberson Landscape Architects, date revised June 24, 2003.**

RATIONALE

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

Proposal:

The purpose of the proposal is to construct a road crossing over Robinson Creek in the Berzcy Village community of Markham, in order to service phase three of a draft approved plan of residential subdivision, known as Markham Trails (Town file no.19T-01008). Authority staff issued conditions of draft approval for the subdivision application, one of which, is obtaining this permit. The crossing will consist of a 12.2 metre wide, open bottom culvert, which will span the watercourse and the riparian zone.

Control of Flooding:

Authority Water Management Staff are satisfied that the culvert is appropriately designed in order to convey flood flows safely, up to the Regional Storm.

Pollution:

A sediment and erosion control plan will be implemented and maintained for the duration of the work, so that sedimentation of the watercourse will not occur.

Conservation of Land:

There are no geotechnical issues associated with this project and the project does not require an Authorization from the Department of Fisheries and Oceans (DFO) pursuant to the Federal Fisheries Act. Authority staff will issue a Letter of Advice on behalf of DFO to the applicant when the permit is released. All instream works will take place within the fisheries timing window for cold water streams, set by MNR: July 1 to September 15.

Plantings

No significant natural heritage features will be affected by the proposed works. Further, all of the disturbed areas will be restored and enhanced with the planting of over two hundred native trees and shrubs.

Policy Guidelines:

The proposal is consistent with Section 4.3, Infrastructure and Servicing, of the Authority's Valley and Stream Corridor Management Program.

CFN: 33438

Application #: 328/02/MARK

Report Prepared by: Mary-Ann Burns, extension 5267

For information contact: Mary-Ann Burns, extension 5267

Date: July 14, 2003

8.1.39 SKY PALACE INC.

To construct in a flood plain, place fill within a regulated area on (19 and 23 Deviation Road), in the Town of Markham, Rouge River Watershed as located on the property owned by Sky Palace Inc..

The purpose is to place fill within a Fill Regulated Area and construct in the Regional Storm Flood Plain of the Rouge River and the Unionville Special Policy Area, in order to facilitate the development of a residential subdivision.

The permit will be issued for the period of July 25, 2003 to July 24, 2008.

- **General Plan, Drawing GP-1, prepared by AI Underhill Associates Ltd., dated June 2003, date received July 2, 2003.**
- **Grading Plan, Drawing GR-1, prepared by AI Underhill Associates Ltd., dated June 2003, date received July 2, 2003.**
- **Erosion and Sedimentation Control Plan, Drawing EC-1, dated June 2003, date received July 2, 2003.**
- **Letter of Undertaking regarding Tree Removal Plan, Restoration Plan and Tree Edge Management Plan, prepared by AI Underhill Associates Ltd., dated July 23, 2003, date received July 23, 2003.**

RATIONALE

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

Proposal:

The purpose of this proposal is to place fill in a Fill Regulated Area and construct in the Regional Storm Flood Plain of the Rouge River in order to facilitate the development of a residential subdivision. The proposed development consists of 24 townhouse units within the Unionville Special Policy Area (SPA). The plan of subdivision for the townhouse development, 19TM-02004, has been draft approved by the Town of Markham. TRCA staff was involved in the review of the plan of subdivision and a condition of approval is that a permit be obtained from the Authority, prior to final registration of the plan of subdivision. As was discussed through the plan review process, a minimum amount of fill is to be placed on site and all units are to be floodproofed above the Regional Storm flood elevation.

Control of Flooding:

Due to the small size of the site and the minimal amount of fill that will be placed on site, TRCA engineering staff is satisfied that there will be no impacts to flood storage or conveyance.

Pollution:

Sediment and erosion control measures will be erected and maintained throughout the construction phase to ensure that no construction-generated sedimentation enters the watercourse.

Conservation of Land:

There are no slope stability/geotechnical issues or fisheries concerns related to the proposal. All disturbed areas are to be restored following construction, to the satisfaction of the TRCA.

Plantings

All disturbed areas will be restored following construction, to the satisfaction of the TRCA.

Policy Guidelines:

This project is consistent with Section 4.2.1 (B) - Development Guidelines for Development/Redevelopment within Designated Two Zone Areas or Special Policy Areas - of the Authority's Valley and Stream Corridor Management Program.

CFN: 34461

Application #: 248/03/MARK

Report Prepared by: Kirsten Kontor, extension 5370

For information contact: Kirsten Kontor, extension 5370

Date: July 10, 2003

TOWN OF RICHMOND HILL

8.1.40 AUTUMN GROVE BUILDERS LTD.

To construct in a flood plain on Part Lot 58, 59, Concession 1 WYS, (southwest of Jefferson Sideroad and Yonge Street), in the Town of Richmond Hill, Rouge River Watershed as located on the property owned by Autumn Grove Builders Ltd.

The purpose is to construct a storm water management pond and outlet, and road crossing in order to service a draft approved plan of residential subdivision known as Autumn Grove (19T-99022).

The permit will be issued for the period of July 25, 2003 to July 24, 2008.

- **Letter of Undertaking from George Karakokkinos dated July 17, 2003 stating that all plans will be revised to the satisfaction of Authority staff.**

RATIONALE

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

Proposal:

The proposal is to construct a storm water pond, an associated outlet and a road crossing of a dry valley feature. These will service a draft approved plan of residential subdivision known as Autumn Grove, within the Jefferson Secondary Plan (OPA 138) area of Richmond Hill.

Authority staff issued conditions of draft approval for this subdivision, one of which was to obtain this permit. The storm water pond will be located within the valley; the valley is part of the upper portion of the Rouge system, but does not contain a watercourse. The location of the pond was approved through the Ontario Municipal Board hearing and related provincial process, which resulted in the resolution of development limits for plans of subdivision on the Oak Ridges Moraine, in the Town of Richmond Hill.

Control of Flooding:

Authority Water Management staff are satisfied that the structures proposed are designed appropriately in order to convey flood flows, up to the Regional Storm.

Pollution:

A sediment and erosion control plan will be implemented and maintained for the duration of construction, so that sedimentation of the valley will not occur.

Conservation of Land:

There are no geotechnical issues related to this proposal. There is no watercourse associated with the valley feature and therefore, there are no fisheries issues related to this proposal. No significant natural heritage features will be affected by the proposed works.

Plantings

All disturbed areas will be restored with over two hundred native, non-invasive trees and shrubs.

Policy Guidelines:

The proposal is consistent with Section 4.3, Infrastructure and Servicing, of the Authority's Valley and Stream Corridor Management Program.

CFN: 34144

Application #: 077/03/RH

Report Prepared by: Mary-Ann Burns, extension 5267

For information contact: Mary-Ann Burns, extension 5267

Date: July 14, 2003

CITY OF BRAMPTON

8.1.41 CITY OF BRAMPTON

To alter a waterway, construct in a flood plain, place fill within a regulated area on (Castlemore Road between Airport Road and Goreway Drive), in the City of Brampton, Humber River Watershed as located on the property owned by City of Brampton.

The purpose is to excavate and place fill (for 5 culvert removals and 2 bridge footing installations, channel modifications, 450mm watermain installation, 250mm, 450mm, 600mm storm sewer installation) in a Fill Regulated Area; construct structures (2 bridges, retaining wall, 4 outfalls) within a Regional Storm Floodplain; alter a watercourse (tributary to West Humber River-west crossing) during the warmwater timing window (July 1 to March 31) in order to work in the dry and to alter a watercourse (tributary of West Humber River-east crossing) during the coldwater timing window (July 1 to September 15) in order to work in the dry.

The permit will be issued for the period of July 25, 2003 to July 24, 2005 in accordance with the following documents and plans which form part of this permit:

- **Letter of Undertaking (to provide minor revisions to engineering drawings and restoration plans); dated July 14, 2003; received July 16, 2003; prepared by the City of Brampton.**
- **Drawing L1 of 2-West Stream Mitigation Plan; Drawing L2 of 2-East Stream Mitigation Plan; dated March 12, 2003; received April 9, 2003; prepared by Harrington and Hoyle Ltd.**
- **Drawing 21880-E1-East Bridge General Arrangement-Tributary of West Humber River Sta. 1+177; Drawing 21880-S1-West Bridge General Arrangement-Sta. 0+370 to Sta. 0+500; Drawing 21880-WTM-Sta. 0+370 to Sta. 0+500; dated March 2003; received April 9, 2003; prepared by TSH engineers, architects, planners.**

RATIONALE

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

Proposal:

The proposal involves the re-construction of Castlemore Road between Airport Road and Goreway Drive. The road widening was reviewed by TRCA staff during the Environmental Assessment process. The widening from 2 lanes to 6 lanes will involve the removal of the existing 3-unit concrete culvert system at the western watercourse known as crossing #2, and the replacement with a bridge span. The eastern watercourse, known as crossing #3, presently has twin culverts and a single cattle crossing culvert. All three culverts will be removed and replaced with a bridge. The two watercourses are located within the Fill Regulated Area and Regional Storm Floodplain of the Humber River. Associated with the road widening will be 450 watermain installation (via tunneling) at the west structure, a 600mm storm sewer installation (via open cut) at both the east and west structures and retaining wall construction at the western structure only. As noted, there is a Regional Storm Floodplain associated with both the east and west watercourses. For the east watercourse, the storm sewer will be located mostly under the centre line of road and will head southerly from the east and west at a 45 degree angle to outfalls to the watercourse within the Regional Storm Floodplain. The flows will be diffused by rock protection before entering the watercourse. For the west structure the storm sewer again will mostly be located under the centre line of road and will head southerly from the east and west at a 45 degree angle to outfalls within the Regional Storm. The retaining wall is located along the 4 quadrants of the proposed west bridge structure at the north, south, east, west sections of the abutments. The retaining wall is required as part of the road widening.

Control of Flooding:

Staff does not anticipate any floodplain issues associated with the replacement of the culverts with the wider bridge spans. The City of Brampton has provided a letter of undertaking to provide the modifications to the hydraulic analysis. Fill placement will be minimized in the Regional Storm Floodplain.

Pollution:

Standard erosion control measures (silt fence, coffer damming to work in the dry, utilizing the existing culvert to divert the water, rock check dams) will be implemented to ensure that the construction-generated sediments do not enter the watercourse. Water quality will be addressed through the construction of oil/grit separators and grassed swales.

Conservation of Land:

There will be in stream works associated with this project for the 2 bridge installations and modification of the watercourse. The in stream works will constitute a harmful alteration, disruption or destruction (HADD) of fish habitat and will require an authorization from the Department of Fisheries and Oceans (DFO). The western crossing involves the removal of the culverts and replacement with a bridge that spans the watercourse with the modification of the watercourse to provide a wider shallower shape with a gentle stream meander. The length of the western watercourse will be maintained. Upon completion of the project there will be no net loss of aquatic habitat. The eastern crossing also involves the removal of culverts and the replacement with a bridge that will span the watercourse. A gentle stream meander with river run stone will be constructed. The new channel will maintain the same overall length and will

have riffle and pool areas. The plunge pool will be filled in and replaced with a more appropriately sized channel. When the DFO authorization has been received, TRCA staff will be in a position to issue a "Fill, Construction, Alteration to Waterways" permit. The proposed works will impact no significant terrestrial resource features.

Plantings

All disturbed areas will be restored with native/non-invasive species following construction. Bioengineering will be utilized to mitigate any potential erosion problems. The proponent will supply a Letter of Undertaking which indicates that the proposed removals and proposed replacements will be calculated.

Policy Guidelines:

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

CFN: 33020

Application #: 108/02/BRAM

Report Prepared by: June Murphy, extension 5304

For information contact: June Murphy, extension 5304

Date: July 10, 2003

8.1.42 REGION OF PEEL

To alter a waterway, construct in a flood plain, place fill within a regulated area on (Mayfield Road-from east of Hurontario Street (at Summer Valley Drive) eastward to west of Kennedy Road (Inder Heights Drive)), in the City of Brampton, Etobicoke Creek Watershed as located on the property owned by Region of Peel.

The purpose is to excavate and place fill (for Mayfield Road widening, existing bridge footing excavation, proposed bridge footings , and storm sewer outfalls) in a Fill Regulated Area; construct a structure (proposed Mayfield Bridge) within a Regional Storm Floodplain; and alter a watercourse (Etobicoke Creek) during the warmwater timing window from July 1 to March 31 for bridge removals and replacement through working in the dry via coffer damming

The permit will be issued for the period of July 25, 2003 to July 24, 2005 in accordance with the following documents and plans which form part of this permit:

- **Letter of Undertaking (to provide minor revisions); dated July 23, 2003; received July 23, 2003; prepared by the Region of Peel.**

- **Sheets TRCA-2-Snelgrove Bridge Reconstruction and Road Improvements-Stage 1B, 2004 Construction, TRCA-3-Snelgrove Bridge Reconstruction and Road Improvements-Stage 2, 2004 Construction, TRCA-4-Snelgrove Bridge Reconstruction and Road Improvements-Stage 3A and 3B, 2004 Construction, TRCA-5-Snelgrove Bridge Reconstruction and Road Improvements-Stage 1B and 2 Typical, TRCA-6-Snelgrove Bridge Reconstruction and Road Improvements-Stage 3 Typical, TRCA-7-Snelgrove Bridge Reconstruction and Road Improvements-Erosion Control Details, TRCA-9-Snelgrove Bridge Reconstruction and Road Improvements-Stage 1B Removals, TRCA-10-Snelgrove Bridge Reconstruction and Road Improvements-Stage 2 Removals, TRCA-11-Snelgrove Bridge Reconstruction and Road Improvements-Stage 3 Removals, TRCA-12-Mayfield Road Bridge Preliminary General Arrangement, TRCA-13-Snelgrove Bridge Reconstruction and Road Improvements-Storm Drainage Plan, TRCA-14-Mayfield Road Reconstruction; dated April 28, 2003; received May 1, 2003; prepared by Stantec.**
- **Sheets TRCA-1-Snelgrove Bridge Reconstruction and Road Improvements-Stage 1A 2003 Construction, TRCA-8-Snelgrove Bridge Reconstruction and Road Improvements-Stage 1A Removals; dated May 14, 2003; received May 20, 2003; prepared by Stantec.**
- **Sheets L1(TRCA-17)-Mayfield Road, Bridge Replacement at Etobicoke Creek, Watercourse Stabilization and Enhancement, Restoration Plan, L2(TRCA-18)-Mayfield Road, Bridge Replacement at Etobicoke Creek, Watercourse Stabilization and Enhancement, Sections, L3 (TRCA-19)-Mayfield Road, Bridge Replacement at Etobicoke Creek, Watercourse Stabilization and Enhancement, Stormwater Outfall Restoration Plan at Mayfield Bridge, L4 (TRCA-20)-Mayfield Road, Bridge Replacement at Etobicoke Creek, Watercourse Stabilization and Enhancement, Details (Mayfield Bridge); dated April 22, 2003; received May 1, 2003; prepared by Schollen and Company Inc.**

RATIONALE

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

Proposal:

The entire project involves the widening of Mayfield Road from Hurontario Street in the west to Heart Lake Road in the east. This project has been phased and this permit deals with the section between Hurontario Street in the west to Kennedy Road in the east. TRCA staff had the opportunity to comment on the Mayfield Road widening project during the Environmental Assessment review process. The areas of the project that require a permit from TRCA are located within the Fill Regulated Areas associated with the Regional Storm Floodplain of the Etobicoke Creek. Fill will be excavated and placed for the road widening from the existing 2 lane to the proposed 4 lane road. The existing 2 lane Snelgrove Bridge over the Etobicoke Creek has deteriorated and will be removed and replaced with the ultimate 6 lane platform. Some emergency repairs were completed in the fall of 2001 but the bridge still requires additional work since it does not meet standards and is dangerous for vehicles and pedestrians. There will be no direct in water works associated with the bridge replacement, however, a timing window has been linked with the project to ensure that sediments and debris do not enter the watercourse during removals, and replacement. There will be a storm sewer installation and outfalls associated with the road works.

Control of Flooding:

The proposed bridge structure will have a larger opening than the existing structure, therefore, staff does not anticipate any negative impacts on the Regional Storm Floodplain. The proponent has provided a letter of undertaking to provide minor revisions to the HEC2 analysis.

Pollution:

Standard erosion control measures (silt fence, catchbasin sediment trap, rock check dam, tarp underneath bridge during removals,) will be implemented to ensure that the construction-generated sediments do not enter the watercourse.

Conservation of Land:

There will be no direct in stream work associated with the project therefore, will be no concerns related to fish habitat loss. Methods will be utilized to separate the bridge removal and replacement from the watercourse. With erosion and sedimentation plans in effect, the potential for a harmful alteration, disruption or destruction (HADD) of fish habitat will be mitigated. The proposed works will impact no significant terrestrial resource features. A report from the Property Section has been presented to the Executive for the land acquisition. All archaeological work has been cleared.

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: 33073

Application #: 137/02/BRAM

Report Prepared by: June Murphy, extension 5304

For information contact: June Murphy, extension 5304

Date: July 23, 2003

CITY OF MISSISSAUGA

8.1.43 REGIONAL MUNICIPALITY OF PEEL

To alter a waterway, construct in a flood plain, place fill within a regulated area on Lot 1, 2, 3, Concession 2, 4, 5 EHS, (from Burnhamthorpe Road in the south to Highway 401 in the north), in the City of Mississauga, Etobicoke Creek Watershed as located on the property owned by Regional Municipality of Peel.

The purpose is to excavate and place fill (for trunk sewer installation, open creek crossing) in a Fill Regulated Area; construct structures (manholes, bioengineering on restored banks) within a Regional Storm Floodplain; alter a watercourse (Etobicoke Creek) during the warmwater timing window (July 1 to March 31) through mitigatable HADD only watercourse crossings via dam and pump around and diversion channel methods.

The permit will be issued for the period of July 25, 2003 to July 24, 2005 in accordance with the following documents and plans which form part of this permit:

- **Cover Sheet-Region of Peel, Etobicoke Creek Trunk Sewer Twinning, Sections S.1B and S2, Project No. 99-2920, Sheets 1 of 24-General Plan, 2 of 24-Sanitary Trunk Sewer-Sta. 0+000 to 0+120, 4 of 24-Sanitary Trunk Sewer-Sta. 0+400 to 0+660, 5 of 24-Sanitary Trunk Sewer-Sta. 0+660 to 0+880, 6 of 24-Sanitary Trunk Sewer-Sta. 0+880 to 1+060, 7 of 24-Sanitary Trunk Sewer-Sta. 1+060 to 1+260, Sheet 8 of 24-Sanitary Trunk Sewer-Sta. 1+260 to 1+460, 10 of 24-Sanitary Trunk Sewer-Sta.1+700 to 1+960, 11 of 24-Sanitary Trunk Sewer-Sta.1+960 to 2+180, 12 of 24-Sanitary Trunk Sewer-Sta.2+180 to 2+460, 13 of 24-Sanitary Trunk Sewer-Sta.2+460 to 2+720, Sheet 14 of 24-Sanitary Trunk Sewer-Sta.2+720 to 3+000, Sheet 15 of 24-Sanitary Trunk Sewer-Sta.3+000 to 3+220, 16 of 24-Sanitary Trunk Sewer-Sta. 3+220 to 3+380, 17 of 24-Sanitary Trunk Sewer-Sta. 3+380 to 3+620, 18 of 24-Construction Details I, 21 of 24-Construction Access Details, 22 of 24-Manhole No. 16-Structural Details; dated June 9, 2003; received June 13, 2003**
- **Letter of Undertaking (to provide minor revisions to engineering drawings and restoration plans); dated July 23, 2003; received July 23, 2003; prepared by the Region of Peel**

RATIONALE

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

Proposal:

The proposal consists of the twinning of the existing 1650 mm diameter trunk sewer with a 1950 mm diameter trunk sewer along the existing easement. Sections S1.B and S.2 run from Burnhamthorpe Road in the south to Highway 401 in the north. The trunk sewers that were constructed in the 1960s are nearing capacity and have the potential to surcharge or overflow during storm seasons. The installation of the trunk sewer will require several crossings of the Etobicoke Creek. All crossings will be constructed in the dry with a dam and pump method or a diversion channel. The entire stretch of the project is located within a Fill Regulated Area and a Regional Storm Floodplain of the Etobicoke Creek. The project was reviewed by TRCA staff during the Environmental Assessment process.

Control of Flooding:

Final grades are to match existing therefore; there will be no impact on the storage or conveyance of floodwaters. All excavated material will be removed from the floodplain.

Pollution:

Standard erosion control measures (silt fence, pea gravel cofferdams, pumps, splash pads) will be implemented to ensure that the construction-generated sediments do not enter the watercourse.

Conservation of Land:

There will be in stream works associated with this project. The Etobicoke Creek will be crossed a total of 7 times. This permit application deals with the 5 mitigatable Harmful Alteration Disruption, Destruction of fish habitat (HADD) crossings only. Another application has been forwarded for the 2 HADD crossings and will be presented at a future Executive Committee. With erosion and sedimentation plans in effect, the potential for a harmful alteration, disruption or destruction (HADD) of fish habitat will be mitigated for these 5 crossings and a Letter of Advice will be written by TRCA staff on behalf of the Department of Fisheries and Oceans (DFO). The proposed works will impact no significant terrestrial resource features. The works will be conducted on lands owned by the TRCA. The archaeological investigation has been completed and is awaiting final Ministry approval. When the clearance has been received from TRCA's archaeologist, staff will be in a position to issue the "Fill, Construction, Alteration to Waterways" permit. The Property Section has taken a report to the July 4, 2003 Executive regarding land acquisitions associated with the road widening works.

Plantings

All disturbed areas will be restored with native/non-invasive species following construction. The proponent has provided a Letter of Undertaking to modify the restoration plans to show the vegetation loss/vegetation gain.

Policy Guidelines:

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

CFN: 33815

Application #: 452/02/MISS

Report Prepared by: June Murphy, extension 5304

For information contact: June Murphy, extension 5304

Date: July 23, 2003

CITY OF TORONTO [SCARBOROUGH COMMUNITY]

8.1.44 MATTAMY (ROUGE) LIMITED

To alter a waterway, place fill within a regulated area, (North side of Sheppard Ave. east of Meadowvale Road), in the City of Toronto (Scarborough Community Council Area), Rouge River Watershed as located on the property owned by Mattamy (Rouge) Limited.

The purpose is to construct a storm outfall connection within the Fill Regulated Area and Regional Storm Floodplain to facilitate the development of a plan of subdivision of the adjacent tablelands.

The permit will be issued for the period of July 25, 2003 to July 24, 2008 in accordance with the following documents and plans which form part of this permit:

- **Mattamy Rouge Subdivision House Siting and Drainage Control Plans Drawing Nos. 19-22, Project No. 01-189, prepared by David Schaeffer Engineering as received on June 27th, 2003.**

- **Mattamy Rouge Subdivision General Part Plans and Stormwater Plans Drawing Nos. 1-4,9-12,64-69, Project No. 1-189, prepared by David Schaeffer Engineering as received on June 27th, 2003.**

RATIONALE

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

Proposal:

The applicant proposes to construct a storm sewer outfall to the Rouge River to facilitate the development of an approved plan of subdivision. The outfall is at the base of a steep valley slope and is being constructed through trenchless technology. Access to the outfall location will be obtained through the trench required to construct the outfall pipe connection. As a result the footprint of impact within the valley will be limited to the headwall and drainage feature associated with the headwall. A stormwater management pond will be constructed on the tableland away from the valley and buffer. The buffer at this location is in excess of 30 metres.

Regrading is required within the buffer to facilitate the ongoing soils clean up operation on the tableland. However, this regrading will occur on portions of the buffer closest to the approved development and beyond 10 metres from the top of bank. All disturbed areas will be restored to the TRCA requirements.

Control of Flooding:

The footprint impact of the works will be limited to the outfall headwall and drainage swale. As a result there will be no impact on the control of flooding.

Pollution:

Sediment fencing will be erected at the perimeter of the storm outfall and will remain in place for the duration of the works. Sediment fencing has already been erected on the tableland portions of the site to demarcate the extent of the soil cleanup to ensure that deleterious material will not enter the watercourse. The tableland stormwater management facility will be used as a temporary sediment basin during construction. Finally, all excavated material including excess material generated from the trenchless connection is being removed from the site.

Conservation of Land:

All significant portions of the site are being transferred to public ownership. The outfall will be the only permanent intrusion into the environmental lands. There are no slope stability /geotechnical issues or fisheries concerns related to this proposal.

Plantings

All disturbed areas will be restored following construction to the satisfaction of TRCA.

Policy Guidelines:

The project is consistent with Section 4.3 Infrastructure and Servicing of the Authority's Valley and Stream Corridor Management Program. There are no fisheries concerns with this proposal.

CFN: 34245

Application #: 112/03/TOR

Report Prepared by: Russel White, extension 5306

For information contact: Russel White, extension 5306

Date: July 23, 2003

CITY OF VAUGHAN

8.1.45 REGIONAL MUNICIPALITY OF YORK

To alter a waterway, construct in a flood plain, place fill within the Fill Regulated Area on Lot 16, Concession 7, (open cut crossing of Humber River to facilitate an 1800mm watermain on Rutherford Road, west of Pine Valley Drive), in the City of Vaughan, Humber River Watershed as located on the property owned by Regional Municipality of York.

The purpose is to excavate and place fill (to install a 1800mm watermain via open cut from Station 16+450 to Sta 16+800) in a Fill Regulated Area; within a Regional Storm Floodplain; alter a watercourse (Humber River) during the coldwater timing window (July 1 to September 15) through working in the dry during the open cut crossing.

The permit will be issued for the period of July 25, 2003 to July 24, 2005 in accordance with the following documents and plans which form part of this permit:

- **Sheet 113A- Watermain-Sta. 16+450 to 16+800; dated August 14, 2002; received February 24, 2003; prepared by MacViro.**
- **Letter of Undertaking (to provide minor revisions to engineering drawings and restoration plans, and calculation of vegetation loss/gains); dated July 23, 2003; received July 23, 2003; prepared by the Region of York**

RATIONALE

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

Proposal:

The project involves the open cut installation of an 1800mm diameter watermain along Rutherford Road. This permit application is for the portion of the watermain that crosses the East Humber River, west of Pine Valley Drive, just north of the Right of Way along a permanent easement on TRCA owned lands. The concrete pressure pipe will be installed at approximately 2.5 metres below the channel invert of the East Humber River. The option of tunnelling was reviewed by TRCA staff and it was decided that it was not feasible given the results of the geotechnical report (presence of large boulders, soil types, associated risks to life and equipment). Works also involve the installation of bioengineering along the shores of the Humber River once the open cut crossing is complete. The York Peel Feedermain project was reviewed by TRCA staff during the Environmental Assessment process.

Control of Flooding:

A permit has been issued for the Rutherford Road widening from Weston Road westward to Nappa Valley and the proposed profile of the road within the Regional Storm Floodplain was reviewed at that time. For the majority of the project the watermain will be installed under the proposed profile of the road, therefore, there will be no impacts to the Regional Storm Floodplain. At the location of the Humber River, the crossing will shift slightly northward. All grades within the Regional Storm Floodplain will be maintained as well outside the right-of-way. Dewatering for the open cut trenches will be directed to a sedimentation basin.

Pollution:

Standard erosion control measures (rock check dams, silt fence, dam and pump around) will be implemented to ensure that the construction-generated sediments do not enter the watercourse. All works will be conducted in the dry. The distance from the invert of the creek to the obvert of the pipe has been reviewed by staff and will provide an adequate measure of erosion protection. The proposed construction of the feedermain along the valley will also require the reconstruction and stabilization.

Conservation of Land:

There will be in stream works associated with this project. The in stream works associated with the open cut crossing will constitute a harmful alteration, disruption or destruction (HADD) of fish habitat and will require an authorization from the Department of Fisheries and Oceans (DFO). The proponent has supplied a Letter of Intent that details the specific compensation measures associated with the open cut crossing. Approximately 45m of fish habitat will be compensated through a variety of means: enhancement to the stream channel morphology, regrading of the riparian habitat to a stable slope, installation of bioengineering along the stabilized bank, installation of additional instream habitat features, enhancement of riparian community through planting of native species. When the DFO authorization has been received, TRCA staff will be in a position to issue a "Fill, Construction, Alteration to Waterways" permit. All archaeological concerns on TRCA lands have been addressed.

Plantings

All disturbed areas will be restored with native/non-invasive species following construction. The Region has provided a Letter of Undertaking to calculate the area of vegetation removal and area of vegetation plantings. The majority of removals will be herbaceous material. Staff anticipates a net gain in vegetation. The planting will be undertaken in the fall to ensure best chances of survivability.

Policy Guidelines:

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

CFN: 33898

Application #: 008/03/VAUG

Report Prepared by: June Murphy, extension 5304

For information contact: June Murphy, extension 5304

Date: July 23, 2003

8.1.46 REGIONAL MUNICIPALITY OF YORK

To alter a waterway on (south of Highway 407 between Yonge Street and Bathurst Street), in the City of Vaughan, Don River Watershed as located on the property owned by Regional Municipality of York.

The purpose is to alter a watercourse in order to conduct erosion protection works on an 80 metre section of the East Don River. The work will serve to protect an existing sanitary sewer pipe that is currently vulnerable to exposure and possible damage, as a result of bank erosion.

The permit will be issued for the period of July 25, 2003 to July 24, 2005.

- **Letter of Undertaking from Brian Verspagen of Conestoga Rovers dated July 23, 2003, stating that all plans will be revised to TRCA's satisfaction**

RATIONALE

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

Proposal:

The proposal is to alter a watercourse in order to undertake erosion protection works along the western bank of the East Don River, where a sanitary sewer pipe has become vulnerable to exposure and possible damage, due to erosion. The application was submitted on behalf of York Region as part of the Region's ongoing sewer rehabilitation activities. The limits of the work incorporate an approximately 80 metre section of the East Don River. Specifically, York Region's proposal is to regrade the eroding bank in order to facilitate the installation of a live crib wall. The crib wall will consist of live branches, fascines and shrubs of native, non-invasive stock. This work necessitates a minor channel realignment that will be conducted in accordance with natural channel design principles. Staff are satisfied that the work will prevent any further erosion and will improve fish habitat through this open reach of the East Don River.

Control of Flooding:

Authority Water Management staff are satisfied that the proposed works are designed appropriately so as not to negatively affect the control of flooding.

Pollution:

A sediment and erosion control plan will be implemented on site for the duration of the work, to prevent sedimentation of the watercourse.

Conservation of Land:

All geotechnical issues associated with the design of the erosion protection works have been resolved to the satisfaction of Authority geotechnical staff. With respect to fisheries issues, the proposal requires Authorization from the Department of Fisheries and Oceans (DFO), pursuant to Section 35 of the Federal Fisheries Act. In accordance with the Authority's Level III Agreement with DFO, Authority technical staff are reviewing the proposal for DFO's interests. The Authority's permit will not be released to the proponent until this Authorization is granted by DFO.

The proposal will respect the Ministry of Natural Resources' (MNR) timing window for this stream, such that instream works will be carried out between July 1 and September 15.

Plantings

No significant natural heritage features will be affected by the proposed works. All disturbed areas will be restored with the planting of several native, non-invasive live stakes, trees, shrubs, and a native seed mix.

Policy Guidelines:

This proposal is consistent with Section 3.3, Policies and Procedures for Identifying Watercourses and Alterations, and Section 4.3, Infrastructure and Servicing, of the Authority's Valley and Stream Corridor Management Program.

CFN: 34228

Application #: 101/03/VAUG

Report Prepared by: Mary-Ann Burns, extension 5267

For information contact: Mary-Ann Burns, extension 5267

Date: July 23, 2003

8.1.47 THE FOREST HILL OF KLEINBURG LIMITED

To alter a waterway on Lot 22, Concession 8, (west of Highway 27, south of Nashville Road), in the City of Vaughan, Humber River Watershed as located on the property owned by The Forest Hill of Kleinburg Limited.

The purpose is to restore an approximately 30-metre section of a watercourse by removing fill and debris from the channel of the watercourse and planting woody and herbaceous species along either side of the channel. This permit application was submitted in order to resolve a violation under Ontario Regulation 158 for altering the watercourse..

The permit will be issued for the period of July 25, 2003 to July 24, 2005 in accordance with the following documents and plans which form part of this permit:

- **Letter of Undertaking from Nelson Lee of Ander Engineering Ltd., dated June 23, 2003 stating that all plans will be revised to TRCA's satisfaction**

RATIONALE

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

Proposal:

The proposal is to restore an approximately 30-metre section of a watercourse by removing fill and debris from the channel of the watercourse and planting woody and herbaceous species along either side of the channel. This permit application was submitted in order to resolve a violation under Ontario Regulation 158 for altering the watercourse. The proponent had crossed the watercourse with tree removal equipment and vehicles, had cleared vegetation and stripped top soil up to the edge of the channel, without a permit from the Authority. This work was conducted without installation of a temporary crossing and resulted in a considerable amount of fill and debris falling into the channel. The clearing and grading was done in order to facilitate construction of a draft approved plan of subdivision (19T-80003).

Control of Flooding:

Given that this watercourse has a drainage area of approximately 10 hectares, it is not associated with the Regional Storm Flood Plain. Authority Water Management staff are satisfied that the proposed works will not affect the control of flooding.

Pollution:

A sediment and erosion control plan will be implemented for the duration of the work, in order to prevent sedimentation and erosion of the watercourse.

Conservation of Land:

There are no geotechnical issues related to this project. The watercourse has intermittent flow and was dry at the time of the violation. The restoration will also take place in dry conditions, so that the movement of the fill and debris will not result in the Harmful Alteration, Disruption or Destruction (HADD) of fish habitat, pursuant to Section 35 of The Federal Fisheries Act. Therefore, an Authorization from the Department of Fisheries and Oceans is not required for this project.

Plantings

The natural heritage features removed through the violation, will be replaced with several native, non-invasive trees, shrubs and seed mix.

Policy Guidelines:

This proposal is consistent with Section 4.2.2 E) of the Authority's Valley and Stream Corridor Management Program.

CFN: 34495

Application #: 267/03/VAUG

Report Prepared by: Mary-Ann Burns, extension 5267

For information contact: Mary-Ann Burns, extension 5267

Date: July 23, 2003

TOWN OF CALEDON

8.1.48 DONAL JV LIMITED 1360287 ONTARIO LIMITED

To place fill within a regulated area on, in the Town of Caledon, Etobicoke Creek Watershed as located on the property owned by Jim D'Orazio.

The purpose is to place and remove fill within a regulated area to facilitate the construction of 19 new lots within a Draft Approved Plan of Subdivision through the construction of a retaining wall and modifications to the top of bank.

The permit will be issued for the period of July 25, 2003 to July 24, 2008 in accordance with the following documents and plans which form part of this permit:

- **Sediment Control Plan, drawing no. SE, prepared by Charlton Engineering Limited, dated November 2002, revised May 26, 2003, redline revised by BC to extend silt fencing.**
- **Details, drawing no. DET-4, prepared by Charlton Engineering Limited, dated November 2002, revised May 26, 2003.**

- **Sections, drawing no. DET-3, prepared by Charlton Engineering Limited, dated November 2002, revised May 26, 2003.**
- **Sections, drawing no. DET-2, prepared by Charlton Engineering Limited, dated November 2002, revised May 26, 2003.**
- **Grading Plan, drawing no. G2, prepared by Charlton Engineering Limited, dated November 2002, revised May 26, 2003.**
- **Grading Plan, drawing no. G1, prepared by Charlton Engineering Limited, dated November 2002, revised May 26, 2003.**
- **Letter of Undertaking to address any outstanding landscaping concerns, prepared by Russ Charlton of Charlton Engineering Ltd, dated July 22, 2003.**

RATIONALE

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

Proposal:

The purpose is to place and remove fill within a regulated area to facilitate the construction of 15 new lots within a Draft Approved Plan of Subdivision through the construction of a retaining wall and modifications to the top of bank.

The retaining wall and grade modifications are required as a result of two small areas where the topography has a gentle slope down to the staked top of bank. These areas have become problematic for home construction due to the required front street elevation which will result in a dramatic grade differential between the front and rear lot areas. In order to moderate the grade differential the applicant is proposing to place fill up to but not beyond the top of bank in the rear portions of 8 lots. In two of the lots where the grade differential is most severe, the applicant must construct a .75 metre retaining wall which will be setback 1.5 metres from the top of bank.

In order to minimize the amount of fill placement and blend the above mentioned lots into the neighboring lots on either side, the applicant is also proposing to cut up to a metre of fill from the rear lot areas of 7 of the new lots. These cuts will extend up to 4.5 metres beyond the top of bank.

Control of Flooding:

The proposed works are outside of the Regional Storm Floodplain and will therefore not impact the storage and conveyance of storm flows.

Pollution:

Sediment and erosion control fencing will be installed between the proposed work area and the adjacent valley corridor to prevent the overland migration of sediment into the watercourse.

Conservation of Land:

Authority geotechnical engineers have reviewed this proposal and are confident that the works will actually improve slope stability instead of creating any problems in this area. Although the works will impact some valley corridor vegetation, the affected vegetation is not significant and these areas will be restored with native landscape materials. There are no fisheries issues related to these works.

Plantings

Although a number of new trees and shrubs will be provided as compensation for these works, the plans have not been finalized at this time and will be addressed prior to the release of a permit.

Policy Guidelines:

This proposal is consistent with section 4.1.1 New Urban Development of the Authority's Valley and Stream Corridor Management Program.

CFN: 34459

Application #: 246/03/CAL

Report Prepared by: Brian Casagrande, extension 5311

For information contact: Brian Casagrande, extension 5311

Date: July 9, 2003

RES.#B101/03 -

LEGAL POSITION WITH RESPECT TO DELEGATED RESPONSIBILITIES TO THE EXECUTIVE COMMITTEE

A legal position related to the ability of the Authority to provide comments on Ontario Regulation 158 applications.

Moved by:

Ron Moeser

Seconded by:

Gerri Lynn O'Connor

THAT the legal opinion response related to the ability of the Authority to provide comments on Ontario Regulation 158 applications be received.

BACKGROUND

The issue of the ability of the Authority to provide comments on Ontario Regulation 158 applications was raised at the June 27, 2003 Authority Meeting. Resolution #A140/03 from the meeting is as follows:

THAT staff report back on the legal implications of the Authority providing input to the Executive Committee on Ontario Regulation 158 applications.

Staff requested TRCA's solicitor to provide the requested legal position, which is attached to the staff report.

For Information contact: Brian Denney, 416-667-6290

Date: July 03, 2003

Attachments: 1



Memorandum

Date : July 15, 2003
To : Carolyn Woodland
From : J.Wigley
Subject : Process

You have requested that we deal with the question of input by non-Executive Committee members or the Authority into the hearing process under the Flood and Fill regulation.

Conservation Authorities Act

Under the Act,

- The Authority is obliged to make a regulation delegating all or part of its powers (save certain matters that are not relevant) to the Executive Committee. Note the wording of section 30 is “shall” make regulations. This suggests that the Authority cannot “undo” the delegation in its entirety because if it did so it would arguably be in violation of section 30; some powers must be left with the Executive.
- The Authority passed such a Regulation on February 25, 1986 and also Rules for the Conduct of the Authority (last amended in 2002). Powers delegated are listed in the Rules and include hearings under section 28 of the Act (Flood & Fill Regulations).
- At the same time, the Authority created 3 advisory boards whose function is set out in the Rules for the Conduct of the Authority. These boards include the Watershed Management Advisory Board, which makes recommendations *to the Authority* (not the Exec.) on “all matters relating to watershed management programs of the Authority”.

The Fill Permit Process

In the case of fill permit applications,

- The Authority is required to grant the necessary permissions under section 28 of the Act.
- A **hearing** is only required where the Authority proposes to refuse a permit but all permits must be dealt with by the Authority which means, due to the delegation of powers, the Executive.

- The “hearing” falls under the requirements of the Statutory Powers Procedure Act. This means that full rights of due process are to be accorded to the Applicant. For example,
 - Each member of the Executive hearing the matter must be present during the entire hearing. Members cannot come and go.
 - The hearing panel should decide only on the basis of the evidence presented;
 - Be free from bias (though there is a certain recognition that a hearing would not be called unless the staff proposed to turn it down).
 - Should bring an open mind to the decision and not pre-judge the matter.
- Section 28 of the Act permits the Authority to delegate the power to decide on a fill and construction permit to the Executive Committee (which has been done).
- The power of the Authority to delegate has been extended by the province in the most recent amendments to “any other person or body” (which TRCA has not done).

As a result, the current system requires all fill permits to go to the Executive Committee. If there is to be a hearing appropriate arrangements are made. If the staff recommendation is to approve and the Executive agrees, the permit is simply granted with or without conditions.

Input from Others re Flood and Fill Permits

- Input to the Executive Committee for Fill Permits is normally through staff. In part this is due to the fact that the Executive is conducting a judicial function and the evidence upon which the Executive will rely is contributed by the applicant and by the staff that are present and can be questioned if need be.
- Where others seek to comment on an application, a request is made to the Chairman of the Executive Committee who then exercises discretion as to whether to permit the person to speak. Typically for example objecting neighbours to a fill permit may be given an opportunity to speak if what they have to say is relevant information to the determination. The hearing is not to be used as a political soapbox.
- The issue before the Executive is limited by section 4 of the Regulation. Is the activity requested one which will affect the control of flooding, conservation of land or pollution? It is not a hearing into whether the activity is good or bad planning or if the project with which it is associated is appropriate.
- If an Authority member wishes to give some evidence at the hearing relating to the grounds under section 4, there is no reason to stop that person from making a request to the presiding Chairman at the time of the hearing. The Authority member clearly however has an opportunity to speak to the staff and ensure that the factual matters bearing on the decision are included and addressed in the staff report for the hearing.

Water Board input

- The Administrative Regulation does not appear to contemplate recommendations to the Executive Committee from the Water Board. That Board reports to the Authority on matters of policy rather than specific instances of the application of existing policy in respect of fill permits.

Authority input

- Having delegated the power to hear flood and fill regulation matters, the Authority has no power to formally direct the Executive.
- Such direction might constitute bias in the Executive Committee members since they made the direction when sitting in the full Authority. How could they deny or ignore in the full hearing what they said at the full Authority? This could result in a court attack on the validity of the TRCA process.
- Such a direction, even if the Executive members did not participate, could be perceived as creating a bias in the hearing officers because the Executive reports to the full Authority and ultimately they owe their jobs to the full Authority's decision.
- It may be considered to be an error in law to receive and/or consider the opinion of the full Authority as to its concerns with a particular application as evidence on the fill hearing. Such opinions, if expressed, would not be expert opinions and clearly would not be subject to cross-examination.
- The Authority is not normally in a position to provide any additional facts to an application. The full Authority's feeling as to whether it should or should not be approved is simply not a relevant matter for consideration by the Executive because it is their opinion that counts.
- If the full Authority's direction effectively determined what the Executive Committee would do in any given application, the Executive will effectively have abdicated its responsibilities. This is also an error of law.
- Practically speaking if the full Authority's direction is required on Flood or Fill applications inordinate delay in the permit process will likely occur. One would expect that applicants, knowing that the full Authority will comment to the Executive would wish to present their full case to the full Authority in the hopes of some favourable recommendation.
- In short the whole hearing process falls apart.

Summary

There is no specific mechanism for direct input by the full Authority into the decision making process of the Executive Committee under the present statutory scheme.

Under the current system, the Authority's job is to set the overall program and policy of the Authority. The Executive's function is to carry it out. If the Authority is dissatisfied with how the Executive does its job in applying that policy or interpreting it, then it needs to change or clarify the policy or program. If the Executive is not following the Authority's policies and programs or ignoring them, the answer is to change the Executive Committee's members.

Direct input from the Authority into Executive Committee decision-making under the Flood and Fill Regulation process is improper from an administrative law perspective. Attempts to influence the Executive sitting in judgment on an application are likely to be severely criticized by the courts and will put the entire hearing process in jeopardy.

RES.#B102/03 -

EXEMPTION OF MINOR LANDSCAPING WORKS FROM PERMIT APPROVALS PROCESS UNDER ONTARIO REGULATION 158

To streamline the permit approvals process for minor landscaping works within the Regional Storm Floodplain and Fill Regulated Area considered not to affect the control of flooding, erosion, dynamic beaches, pollution, or the conservation of land; and to expedite applications for minor landscaping works associated with West Nile Virus.

Moved by: Jim McMaster
Seconded by: Maria Augimeri

WHEREAS The Toronto and Region Conservation Authority (TRCA), through its Business Excellence objective, is committed to streamlining the permit approvals process and to expediting the approval of minor landscaping works aimed at reducing the risk to human health associated with West Nile Virus;

WHEREAS the landscaping works to be exempted from the permit approvals process are minor in nature and considered not to affect the control of flooding, erosion, dynamic beaches, pollution or the conservation of land;

WHEREAS the TRCA will be required to conform to the Generic Regulation, which may include the exemption of areas and activities from the permit approvals process;

AND WHEREAS the proposed process will serve as a pilot study for future exemptions under the Generic Regulation;

THEREFORE LET IT BE RESOLVED THAT the permit approval process for minor landscaping works in the Regional Storm Floodplain and Fill Regulated Area outlined in the staff report be implemented;

AND FURTHER THAT staff monitor the revised permit approvals process and report back to the Executive Committee in one-year.

CARRIED

BACKGROUND

Development Services Staff has examined the streamlining of permit approvals for minor landscaping in TRCA's Regional Storm Floodplain and Fill Regulated Area. The objective is to pilot a process to expedite minor works approvals to be fully implemented under the Generic Regulation and, in addition, to assist in fast-tracking landscaping activities related to reducing the risk to human health associated with West Nile Virus.

Ontario Regulation 158

Under section 28 of the Conservation Authorities Act (CAA), pursuant to Ontario Regulation 158, works involving the placement of fill, including site grading, construction in a floodplain and alteration of a watercourse require permit approval from the TRCA. In the Regional Storm Floodplain and Fill Regulated Area, small placements of fill (less than 30 cubic metres, the equivalent of 3 truck loads) is subject to the same approvals process and review time (30 to 60 days) as larger scale proposals such as draft plans of subdivision and golf courses.

Generic Regulation

In an effort to streamline the regulatory framework of the development approvals process, a number of changes were made to the CAA in 1998. Pursuant to Section 28, the proposed Generic Regulation will provide a context for consistency across the Province. Under the Generic Regulation, CAs are required to establish a development and alteration regulation. As part of the Generic Regulation conformity process, CAs are able to exempt areas or types of development from the permit approvals process.

West Nile Virus

TRCA staff have received numerous inquires with concerns related to the West Nile Virus. There have been some requests to fill in small swales, small off-line aesthetic ponds, irregular depressions in the landscape etc. to reduce the amount of standing water located on a property. Under the current regulatory framework, minor filling of this nature would require a permit under Ontario Regulation 158.

Service Delivery

The proposed process outlined in this report will improve service delivery by addressing the approval process and review time (30 to 60 days) associated with minor landscaping permit applications. Although the number of landscaping permit applications expected to fall under the proposed process is quite low, staff recognize the overall high volume of permit applications received by the TRCA. Furthermore, staff are supportive of providing a more streamlined review and approvals process, and recognize the exemption of minor landscaping works as an initial step in achieving a more expedited and efficient permit review and approval process.

RATIONALE

Staff propose amending the TRCA's existing permit approval process for minor landscaping works in the Regional Storm Floodplain and Fill Regulated Area. The proposed change to the permit approvals process will:

- pilot minor exemptions under the Generic Regulation
- assist in expediting works to alleviate West Nile Virus concerns
- improve service delivery

Other Conservation Authorities

Several other CAs have implemented processes to streamline the permit approval process by exempting minor works that would normally require a permit. In the Golden Horseshoe area, Credit Valley Conservation (CVC), Niagara Peninsula Conservation Authority (NPCA) and Central Lake Ontario Conservation Authority (CLOCA) have the most extensive exemptions. While the process used at each Authority varies, the intent of the program remains consistent: to exclude those minor applications considered not to affect the control of flooding, erosion, dynamic beaches, pollution or the conservation of land.

Pilot project for the Generic Regulation

The Generic Regulation has yet to be passed by the Ontario Legislature. It is anticipated that this will happen in the near future. Staff have begun a number of initiatives in anticipation of the new requirements of the Generic Regulation. TRCA staff are participating in the development of four Conservation Ontario guidelines; prepared a draft Work Plan and draft Mapping Schedule Terms of Reference; and initiated a test case scenario for mapping (Humber River through Woodbridge) to assist in outlining a methodology for completing mapping for the entire jurisdiction.

West Nile Virus

In an effort to address inquiries relating to West Nile Virus, staff have identified a need for a process aimed at alleviating the concerns of citizens and reducing risk to human health. Staff are of the opinion that the minor landscaping exemption process outlined in this report is sufficient to address works associated with the West Nile Virus, such as filling in small areas of standing water.

Service Delivery

As outlined in the TRCA 2003 - 2007 Business Plan, Business Excellence is one of the corporation's key objectives. Through this initiative, a key goal of Development Services is to improve and streamline the administration of plan review regulation compliance. The streamlined process proposed for minor landscaping is the first step in reaching the strategic objective outlined in the Business Plan.

IMPLEMENTATION

To successfully implement and enforce compliance with the exemption of minor landscaping from the permit approvals process, a review process must be established. This also includes establishing criteria on which to determine whether an application meets the definition of minor landscaping. The process and criteria to be used are outlined as follows:

Process

1. Normal permit application and fee collection.
2. TRCA planner to screen application and determine (based on criteria) if application qualifies for an exemption as minor landscaping (see Attachment #1 Initial Checklist).
3. Designated Regulation Officers to send a letter outlining that no permit is required, however certain conditions are attached.
4. Letter is to be carbon copied to Director of Watershed Management and Enforcement Supervisor.
5. A monthly list is to be compiled by Development Services and forwarded to the Executive Committee.

Criteria and Conditions

Landscaping works must meet the following criteria and conditions:

1. Minor landscaping works are those involving the placement or regrading of fill of less than 30 cubic metres (the equivalent to 3 truckloads).
2. Fill associated with minor landscaping works is to be located a minimum of 5 metres from the top or toe of the stable valley bank.
3. Fill associated with minor landscaping works is to be located a minimum of 10m from a watercourse.

4. Minor landscaping works are to be sufficiently setback from Environmentally Significant Areas, all wetlands, and natural heritage features.
5. Minor landscaping works are to be located outside of the hydraulic floodway.
6. Fill shall not be placed in a manner that may result in blockage or impede flood flows.
7. Adequate sediment and erosion control measures shall be installed prior to any works to prevent the transportation of sediment into the watercourse. No harmful or deleterious materials, including sediment, is allowed to enter the watercourse, as per the Canada Fisheries Act.
8. Minimal disturbance to the landscape. All disturbed areas are to be stabilized through revegetation as soon as possible.
9. Landscaping works are to be integrated with existing landscape grades and topography of the site.
10. Native, non-invasive species are to be used for any plantings.
11. Approval of the proposed landscaping works must first consider previous works completed on the subject property. This will ensure that multiple applications on a single site will be considered in a cumulative manner.
12. Approval of the proposed landscaping works must be consistent with other planning and municipal approvals.

SUMMARY

The intent of the proposed changes is to provide a streamlined, expeditious and efficient review and approval of landscaping works that are minor in nature and will not adversely affect the control of flooding, erosion, dynamic beaches, pollution or the conservation of land. In addition, the aim is to expedite the review and approval of landscaping works aimed at reducing the risk to human health associated with West Nile Virus.

Report prepared by: Alena Grunwald, extension 5217
For Information contact: Laurie Nelson, extension 5281
Date: July 09, 2003
Attachments: 1

Attachment 1

Initial Review Checklist

- 1. Application Number/CFN: _____
- 2. Owner: _____
- 3. Location _____
- 4. Deadline: _____
- 5. Regulation _____

	No	Yes	Partially	
Within a regional storm flood plain	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Within a fill regulation line	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Waterway alterations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

- 5. Related Files _____
- 7. Maps _____

	No	Yes	Partially	
ESA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
ANSI	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Wetland	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
SPA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
TRCA Property	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Oak Ridges Moraine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Toronto Ravine By-law	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

9. Minor Landscaping Works - Conditions

Condition	Yes	No
1. Minor landscaping works are those involving the placement or regrading of fill of less than 30 cubic metres (the equivalent to 3 truckloads).		
2. Fill associated with minor landscaping works is to be located a minimum of 5 metres from the top or toe of the stable valley bank.		
3. Fill associated with minor landscaping works is to be located a minimum of 10m from a watercourse.		
4. Minor landscaping works are to be sufficiently setback from Environmentally Significant Areas, all wetlands, and natural heritage features.		
5. Minor landscaping works are to be located outside of the hydraulic floodway.		
6. Fill shall not be placed in a manner that may result in blockage or impede flood flows.		
7. Adequate sediment and erosion control measures shall be installed prior to any works to prevent the transportation of sediment into the watercourse. No harmful or deleterious materials, including sediment, is allowed to enter the watercourse, as per the <u>Canada Fisheries Act</u> .		
8. Minimal disturbance to the landscape. All disturbed areas are to be stabilized through revegetation as soon as possible.		
9. Landscaping works are to be integrated with existing landscape grades and topography of the site.		
10. Native, non-invasive species are to be used for any plantings.		
11. Approval of the proposed landscaping works must first consider previous works completed on the subject property. This will ensure that multiple applications on a single site will be considered in a cumulative manner.		
12. Approval of the proposed landscaping works must be consistent with other planning and municipal approvals.		

Reviewed By: _____ Date: _____

Recommended Action: _____

RES.#B103/03 -

HUMBER ARBORETUM

Funding Support for a Fundraiser. Participation in the costs of fundraising for major renovation and addition to the existing Nature Centre at the Humber Arboretum.

Moved by: Jim McMaster
Seconded by: Maria Augimeri

THAT the Toronto and Region Conservation Authority contribute \$20,000.00 towards the cost of fundraising for the "Centre for Urban Ecology" at the Humber Arboretum;

AND FURTHER THAT staff be directed to assist in securing the balance of the fundraising objective wherever possible as part of the Authority's commitment to sustainability education as a component of "The Living City".

CARRIED

BACKGROUND

The Toronto and Region Conservation Authority (TRCA) has been a partner with the City of Toronto and Humber College in the creation and management of the Humber Arboretum since 1977. The Arboretum encompasses 100 hectares of green space on the West Branch of the Humber River, adjacent to Humber College's North Campus, near Finch Ave. and Highway 27. The Arboretum consists of extensive collections of trees, shrubs and herbaceous plants within a beautiful landscape setting, surrounded by the more natural landscape of the valley. The TRCA owns much of the Arboretum property with the balance held in title by Humber College, but subject to a 25-year easement to the TRCA for Arboretum purposes.

Within the Arboretum is a nature centre which serves as the hub of the teaching activities and learning opportunities for students of all ages and skill levels. Much of the design, construction and maintenance of the Arboretum is undertaken by students as part of their College programs. The City of Toronto provides substantial annual operating funding to support the ongoing operation and maintenance of the Arboretum. Some revenues are derived from the delivery of education programs at the Arboretum in a manner similar to the operation of TRCA education centres like Kortright and the Field Centres.

The Nature Centre is aging and is in need of substantial renovation. At the same time, like the Kortright Centre, there is a desire to modify and improve the building so that it will be a leading example of green building technologies. The Arboretum has an exciting and innovative design proposal for a substantial renovation and addition. Considerable success at fundraising towards the estimated cost of the facility of \$1,500,000. has already been achieved. Contributions and pledges to date total approximately \$860,000. Major funding commitments have been received from the Federation of Canadian Municipalities and the Ontario Innovation Trust.

RATIONALE

The vision, objectives, and programming at the Humber Arboretum are aligned with the TRCA's vision for *The Living City*. The renovation proposed for the nature centre, to create a Centre for Urban Ecology, builds on the unique strengths of the partnership among the City of Toronto, Humber College and TRCA. The proposed facility will be a strong component within a network of education centres which includes Kortright and the Living City Centre, The Earth Rangers Centre, TRCA's Education Field Centres, The York Children's Safety Village and other emerging, integrated learning centres, which all share a theme of sustainability.

FINANCIAL DETAILS

Funds for the fundraising contribution are budgeted in the public use infrastructure budget, in account number 408-06.

Report prepared by: Brian Denney, 416-667-6290

For Information contact: Brian Denney, 416-667-6290

Date: July 02, 2003

RES.#B104/03 - EMERGENCY MAINTENANCE DREDGING ASHBRIDGE'S BAY PARK, COATSWORTH CUT

Award of Contract ES03-13 for emergency maintenance dredging of the navigation channel at Coatsworth Cut, Ashbridge's Bay Park, in the City of Toronto.

Moved by: Jim McMaster
Seconded by: Maria Augimeri

THAT Soderholm Maritime Services be awarded the contract to undertake completion of 2002 maintenance dredging and additional emergency maintenance dredging required at Coatsworth Cut, Ashbridge's Bay Park, in the City of Toronto, for a total estimated cost not to exceed \$99,500, including all applicable taxes.

CARRIED

BACKGROUND

Maintenance channel dredging was undertaken in 2002 by the Toronto Port Authority with the removal of approximately 3500 cubic metres of the proposed 6000 cubic metres of material to be dredged. The balance of the work was not completed due to scheduling conflicts and equipment breakdown. Seasonally higher water levels during the summer months allowed for continued navigation in the channel for the majority of the boating season. Due to additional deposition which has occurred over the past year, evident by recent updated sounding data, the channel has been rendered essentially unnavigable for the 2003 boating season. In addition, due to the Warm Water Fisheries Restrictions for in-water work, emergency maintenance dredging was delayed until after July 01, 2003.

DETAILS OF WORK TO BE DONE

Staff reviewed a number of options and due to the urgent nature of the work, it is recommended that work start immediately, with the marine portion of the dredging being awarded to Soderholm Maritime Services. The land based equipment and water based excavator will be supplied by our existing equipment supplier, Sartor and Susin Ltd. under Contract #ES00-14 extension approved at Authority Meeting #7/02. The Executive Committee recommended to the Authority at Meeting #6/03, held on July 4, 2003, the award of contract to Sartor & Susin Ltd. for the 2003 Heavy Equipment Rental Contract, effective August 1, 2003. This recommendation will be considered by the Authority at Meeting #6/03, to be held on July 25, 2003.

The marine based equipment will load the dredged material from the navigation channel onto flat deck barges, which will be brought to shore at the northern most public launch ramp at Ashbridge’s Bay Park for off loading. The material will subsequently be hauled to Leslie Street Spit for disposal. The total estimated in situ volume of sediment to be removed is 6000 cubic metres.

Project Budget Breakdown (Including applicable taxes)

Marine based component - Soderholm Maritime	\$99,500
Excavation & Land Based Operation - Sartor & Susin Ltd.	\$75,000
TRCA	<u>\$25,000</u>
Total Project Budget	\$199,500

RATIONALE

Rates were received from two contractors for marine based operations which incorporated the use of a floating spud barge, flat deck barges and related support equipment. The Toronto Port Authority was unable to provide the required certified equipment to carry out the emergency maintenance dredging for this season and as a result were unable to submit pricing. Based on the review of rates received for the preparation, mobilization and supply of the water based equipment, staff are recommending that Soderholm Maritime Services be awarded the contract to carry out the emergency maintenance dredging at Coatsworth Cut, in the City of Toronto.

The following rental and mobilization rates were obtained:

SUPPLIER	MOBILIZATION/ DEMOMIL./ PREP. & INSUR.	DAILY RATE (x 13 days)	EQUIPMENT RENTAL	SUBTOTAL (excluding tax)
Soderholm Maritime Services	\$17,800.00	\$ 45, 760	\$33,000.00	\$96,560.00
McKeil Marine	\$21,500.00	\$56,550.00	\$33,000.00	\$111,050.00
Toronto Port Authority	NO BID	NO BID	NO BID	N/A

This method was selected as the most cost effective option for dredging and disposal of material based on comparison with previous dredging methods, and due to the recent sediment analysis results which indicated that the dredged material meets the "Open Water Disposal Guidelines" for disposal at Leslie Street Spit. Consequently, the material is not required to be disposed of at the confined disposal cells at Leslie Street resulting in a potential cost saving of approximately \$48,000 in tipping fees. The dredged material will be used to facilitate construction of Toronto and Region Conservation Authority habitat projects at Tommy Thompson Park.

FINANCIAL DETAILS

Funds for this project are available under Account 211-16.

Report prepared by: Mark Preston, 416-392-9722

For Information contact: Mark Preston, 416-392-9722

Date: July 14, 2003

RES.#B105/03 - STORMWATER ASSESSMENT MONITORING AND PERFORMANCE (SWAMP) PROGRAM - STORMWATER FACILITY MONITORING REPORTS

Hiring of consultants to complete data analysis and final reports for three stormwater treatment facilities monitored under the SWAMP Program.

Moved by: Jim McMaster
Seconded by: Maria Augimeri

THAT Questor Veritas Inc. be retained to complete final reports on the Rouge River Stormwater Management Pond study and the Etobicoke Exfiltration System Study, at a total upset cost of \$27,919.50 plus GST;

THAT the team of Aquafor Beech Limited be retained to conduct the Oil Grit Separator Study at a total cost not to exceed \$28,875.00 plus GST;

AND FURTHER THAT staff report back to the Watershed Management Advisory Board in the fall of 2003 with an overall summary of lessons learned from SWAMP Program Studies, findings of a workshop on stormwater monitoring needs and recommendations for a future role for TRCA in this work.

CARRIED

BACKGROUND

The SWAMP Program is an initiative of Environment Canada's Great Lakes Sustainability Fund, the Ontario Ministry of the Environment, the Toronto and Region Conservation Authority (TRCA), and the Municipal Engineers Association, along with host municipalities and other owner/operators. Representatives from each partner agency form the Program Steering Committee. The Program began in 1995 with the objective of reporting on the performance of various types of stormwater treatment facilities. To date, the following facility monitoring reports have been published:

- *Performance Assessment of a Retrofit Pond - Harding Park, Richmond Hill, Ontario*
- *Performance Assessment of a Pond-Wetland Stormwater Management Facility - Markham, Ontario*
- *Performance Assessment of a Swale/Perforated Pipe Stormwater Infiltration System - Toronto, Ontario*
- *Performance Assessment of an Open and Covered Stormwater Wetland System - Aurora, Ontario*

Due to a series of staff losses typical of contract-based studies, and competing demands on steering committee members' time, a number of the original study reports remain to be completed. The Committee is committed to complete this phase of the SWAMP Program by December 2003, and therefore has decided that the most efficient and effective way to complete these facility monitoring reports will be with the assistance of consultants. Specifically, there are three facility monitoring reports for which consultants are needed:

- *Performance Assessment of a Highway Stormwater Water Quality Retention Pond - Rouge Pond - Toronto, Ontario*
- *Performance Assessment of Etobicoke-Toronto's Stormwater Conveyance Pipe-based Exfiltration Systems - Toronto, Ontario*
- *Performance Assessment of Two Types of Oil Grit Separators for Stormwater Management - Toronto, Ontario*

RATIONALE

Rouge River Pond and Etobicoke Exfiltration Study Reports

The SWAMP Steering Committee agrees that there would be significant benefits in having Mr. David Averill of Questor Veritas complete the data analysis and reporting for the Rouge Pond and Etobicoke Exfiltration studies. For the past two years, Mr. Averill was on salaried contract to the MOE, through SWAMP, to act as Program Manager and Senior Technical Advisor for SWAMP. Mr. Averill's contract ended May 30, 2003. Extending Mr. Averill's current contract was not an option, due to the new approach taken by the Steering Committee for the resourcing of the program and the substantial changes this would mean in terms of that contract. However, Mr. Averill has been integrally involved in the Rouge and Etobicoke projects and thus has developed a unique familiarity with the data sets and project monitoring history. Based on this familiarity, his involvement in the completion of these two projects was expected to realize significant cost savings. The Steering Committee invited Mr. Averill to submit a proposal and cost estimate for the completion of the two study reports, as per the specified Terms of Reference and schedule. The primary tasks associated with the two reports include:

- complete data analysis and interpretation;
- edit the draft report; and
- prepare a final report for peer review.

Mr. Averill provided estimates are as follows:

Rouge	\$16,901.00+ GST
Etobicoke	\$11,018.50 + GST
Total	\$27,919.50 + GST

In summary, the Steering Committee recommends that David Averill of Questor Veritas be retained to complete these two studies for the following reasons:

- unique familiarity with the projects;
- ability to start immediately and complete the reports within the required schedule;
- qualifications and demonstrated expertise;
- cost savings associated with his familiarity with the projects and subsequently less time needed for project orientation;
- cost estimate for the remaining tasks were demonstrated to be in accordance with industry standards.

Oil Grit Separator Study

The SWAMP Steering Committee also agreed that a separate consultant should be hired to complete the Oil Grit Separator Study. The key roles of this consultant would be to:

- conduct a literature review of the performance of Oil Grit Separators;
- complete data analysis and interpretation;
- edit the draft report; and
- prepare a final report for peer review.

Proposals were invited from the following four consulting firms:

- Dr. Ed Watt, XCG Consultants;
- J.F. Sabourin, J.F. Sabourin and Associates;
- Dr. James Li, Ryerson University;
- Mr. Dave Maunder, Aquafor Beech Limited.

Proposals are to be submitted by Friday, July 18, 2003. The Steering Committee will meet on July 23, 2003 to review and recommend the preferred consultant. Details of the analysis and a recommendation will be provided to the Executive Committee at the meeting.

BENEFITS

The completion of this set of facility monitoring reports will contribute greatly to an understanding of stormwater facility performance, within Ontario's stormwater industry, thus providing a basis for improved design and maintenance of facilities and overall watershed management. This sentiment was endorsed by participants at a workshop facilitated by the Canadian Water Resources Association (CWRA) in February 2003, on behalf of the SWAMP Program. The workshop was designed to seek industry input to future stormwater research needs and potential partnerships. The SWAMP Program is unique in Ontario, in that it is the only multi-partner collaboration dedicated to the evaluation of stormwater management facility performance monitoring and reporting. There was much support for the continuation of a group, such as SWAMP, and for a broadened mandate.

The SWAMP Program is also recognized internationally for its comprehensive approach to facility monitoring and evaluation. Upon the recommendation of a leading American spokesperson for state-of-the-art stormwater management techniques, TRCA staff were recently invited to present the SWAMP Program findings at a North American Conference on Stormwater Management in Cold Climates in Portland, Maine in November 2003. Timely completion of all SWAMP reports will allow this important work to be profiled internationally at this and other conferences.

DETAILS OF WORK TO BE DONE

In addition to the three facility monitoring reports that are the subject of these consulting contracts, there are two remaining facility monitoring studies being completed by staff of the City of Toronto and TRCA. These reports include the Eastern Beaches Underground Combined Sewer Overflow Tank and the Dunkers Flow Balancing Facility, and are expected to be completed in September 2003.

All facility monitoring reports are expected to be in final draft form by September 2003, such that work may begin on a "Synthesis Report", summarizing the highlights of overall SWAMP Program findings, and a "Methodology Report", summarizing our lessons learned in the areas of monitoring and data analysis protocols. The Committee is committed to finalizing all of these very important contributions to Ontario's stormwater management industry by December 2003, so that a new, redefined program can be considered for the future.

Staff will report back to the Watershed Management Advisory Board in early fall with a more detailed report on the above-noted CWRA workshop findings, an overall summary of "lessons learned" from the SWAMP Program and recommendations for a future role for TRCA in the continuation of applied research into stormwater management issues in the watershed context.

FINANCIAL DETAILS

Funding for these contracts is available in the SWAMP Program account 121-30. SWAMP Program funds are derived from the Great Lakes Sustainability Fund, the Ontario Ministry of the Environment, the Ontario Ministry of Transportation and the City of Toronto. TRCA staff provide in-kind administrative and technical support to the program.

Report prepared by: Sonya Meek, extension 5253

For Information contact: Sonya Meek, extension 5253 or Tim Van Seters, extension 5337

Date: July 16, 2003

RES.#B106/03 -

2003 LABORATORY ANALYTICAL SERVICES

Award of contract for the Laboratory Analytical Services in support of the Toronto and Region Conservation Authority's (TRCA) 2003 environmental monitoring programs.

Moved by: Jim McMaster
Seconded by: Maria Augimeri

THAT ENTECH Laboratories be awarded the contract for Item A and Item B as outlined in the 2003 Laboratory Analytical Services Contract Document ES03-12, for amount not to exceed \$43,924.57 (including GST).

CARRIED

BACKGROUND

The Environmental Services Section require laboratory analytical services in support of two major programs which are outlined as follows:

Since 1975, the TRCA has conducted environmental monitoring programs to describe biological, physical and chemical conditions in the vicinity of waterfront parks. Special studies have been conducted to examine the sediment quality, water quality, sediment deposition rates, bottom substrate documentation and biomonitoring surveys using fresh clams and water currents associated with the waterfront parks. (Item A)

The second program is laboratory analysis of water samples collected as part of the Regional Watershed Monitoring Program. Water samples collected routinely or as part of specialized water quality monitoring through the Regional Monitoring Network will be used to report on water quality conditions in the Regions watersheds. Samples will be analysed for bacteria, metals, nutrients and conventional water quality parameters. (Item B)

RATIONALE

The Tender Opening Sub-committee opened tenders for contract ES 03-12 for the 2003 laboratory analytical services. The results of the tender opening are as follows:

Laboratory	Item A	Item B	Total
AMEC Earth & Environmental	\$30,254.25	\$28,173.10	\$58,427.35*
PSC Analytical Services	\$33,694.30	\$22,405.80	\$56,100.10*
ENTECH Laboratories	\$27,044.25	\$16,880.32	\$43,924.57*
Maxxam Analytics Ltd.	No Bid	No Bid	No Bid

* Costs include GST

Staff have reviewed the three quotations and have determined that there were no errors or omissions. It is recommended that the lowest total cost quotation from ENTECH Laboratories be accepted for the 2003 laboratory analytical services.

FINANCIAL DETAILS

Funds to implement the projects are available in accounts 240-01 and 124-15.

Report prepared by: Scott Jarvie, extension 5312

For Information contact: Scott Jarvie, extension 5312

Date: July 15, 2003

RES.#B107/03 - STORMWATER ASSESSMENT MONITORING AND PERFORMANCE (SWAMP) PROGRAM - STORMWATER FACILITY MONITORING REPORTS

Addendum Report to Item 8.6. Hiring of consultants to conduct the oil grit separator study for the SWAMP Program.

Moved by: Jim McMaster
Seconded by: Maria Augimeri

THAT the team of Aquafor Beech Limited be retained to conduct the Oil Grit Separator Study at a total cost not to exceed \$28,875.00 plus GST.

CARRIED

ANALYSIS

As described in the staff report dated July 16, 2003, four consulting firms were invited to bid on the Oil Grit Separator Study.

Two teams submitted proposals, as follows:

1. J.F. Sabourin and Associates Inc. \$24,405 + GST
2. Aquafor Beech Limited \$28,875 + GST

The SWAMP Program Steering Committee reviewed the proposals, based on the following evaluation criteria:

- relevant experience
- approach
- ability to meet timelines
- cost

The Committee is recommending Aquafor Beech as the consultant that best meets the evaluation criteria. The basis for selection of Aquafor Beech included:

- a thorough and comprehensive proposal;
- demonstrated expertise and experience in evaluation of oil grit separator performance; and
- strong prior knowledge of international literature on oil grit separators.

Aquafor Beech's submission was strengthened by their proposal to conduct the study in association with Dr. James Li from Ryerson University, one of the other consultants requested to submit a proposal. Although the cost of Aquafor Beech is greater than J.F. Sabourin and Associates, the SWAMP Steering Committee unanimously felt that the experience and knowledge the team brought to the study would result in a significantly better product.

Report prepared by: Sonya Meek, extension 5253

For Information contact: Sonya Meek extension 5253 or Tim Van Seters extension 5337

Date: July 22, 2003

NEW BUSINESS

RES.#B108/03 -

**APPLICATIONS FOR PERMITS PURSUANT TO ONTARIO
REGULATION 158**

Fill, Construction & Alteration to Waterway.

Moved by: Michael Di Biase
Seconded by: Gerri Lynn O'Connor

THAT subject to staff approval and meeting all necessary conditions, a permit be granted in accordance with Ontario Regulation 158 for the application for 471 Intermodal Drive, Brampton.

CARRIED

TERMINATION

ON MOTION, the meeting terminated at 9:21 a.m., on Friday, July 25, 2003.

Dick O'Brien
Chair

Brian Denney
Secretary-Treasurer

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