

FURTHER TO EXECUTIVE COMMITTEE MEETING #7/03 AND AUTHORITY MEETING #6/03

To be held on July 25, 2003

FURTHER TO:

Pages

7. CONSIDERATION OF REPORTS TO THE AUTHORITY

7.2 & 7.3 LISTED ON AUTHORITY AGENDA AS REPORT TO FOLLOW

7.2 CONTRACTS FOR RESTORATION OF RICHMOND HILL MILL POND 25-28

7.3 THE CORPORATION OF THE CITY OF VAUGHAN

Conveyance of Land for the Pine Valley Pumping Station, City of Vaughan
Humber River Watershed
CFN 32987

29-31

11. CONSIDERATION OF REPORTS OF THE EXECUTIVE COMMITTEE MEETING #7/03, TO BE HELD ON JULY 25, 2003

SECTION II - ITEMS FOR EXECUTIVE ACTION

(To be approved at Executive Committee Meeting #7/03, and received at Authority Meeting #6/03)

**Auth. Exec.
Item# Item#**

11.1 8.1 Errata Update Sheet

32-37

NEW PERMITS 8.1.41 - 8.1.48

CITY OF BRAMPTON

11.1.41 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.

38-40

11.1.42 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.

40-42

CITY OF MISSISSAUGA

11.1.43 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.

43-44

CITY OF TORONTO [SCARBOROUGH COMMUNITY]

11.1.44 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.

45-46

CITY OF VAUGHAN

11.1.45 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.

47-49

11.1.46 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.

49-50

11.1.47 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.

51-52

TOWN OF CALEDON

11.1.48 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.

52-54

11.8

8.8

**STORMWATER ASSESSMENT MONITORING AND
PERFORMANCE (SWAMP) PROGRAM - STORMWATER
FACILITY MONITORING REPORTS**

Addendum Report to Item 8.6

55-56

TO: Chair and Members of the Authority
Meeting #6/03, July 25, 2003

FROM: Adele Freeman, Acting Director, Watershed Management Division

RE: CONTRACTS FOR RESTORATION OF RICHMOND HILL MILL POND

KEY ISSUE

Implementation of the Mill Pond Restoration Project in partnership with the Town of Richmond Hill.

RECOMMENDATION

THAT staff be directed to assist the Town of Richmond Hill in the implementation of the Mill Pond Restoration Project by constructing Part A of the Mill Pond contract at an upset cost not to exceed \$269,454.89, including all applicable taxes.

BACKGROUND

The Toronto and Region Conservation Authority (TRCA) is appreciative of the opportunity to partner with the Town of Richmond Hill on the implementation of the shoreline modifications and habitat features required for the completion of the Mill Pond Restoration Project. This partnership opportunity will help us to continue in the implementation of the "Forty Steps to a New Don".

In the past we have partnered with the Town of Richmond Hill on numerous environmental and habitat projects. These include Pioneer Park Stormwater Retrofit design, Briar Nine Reserve Reforestation, Harding Park Renaturalization, various erosion control projects, ongoing Valley & Stream naturalization projects within the Don, Rouge and Humber watersheds. We have also supplied Richmond Hill with native plant stock from our nursery for installation throughout the Town during community planting events.

The Town recommended the TRCA undertake this initiative as the TRCA has proven experience in constructing similar habitat and shoreline features as required by this project. This experience has been gained through the implementation of various restoration projects throughout our jurisdiction, including the Lake Ontario Waterfront.

This project will produce a number of desirable outcomes including improvement in water quality as well as the creation of wetland/aquatic function and habitat features along the new shoreline. This furthers TRCA objectives regarding healthy rivers and shorelines of the Mill Pond.

The Mill Pond is the location of the Annual Mill Pond Splash event organized by the Don Watershed Regeneration Council and the Town.

WORK TO BE DONE

TRCA staff will commence this work in early September following the receipt of all necessary approvals by Richmond Hill staff and the finalization of all aspects of the project.

For Information contact: Nick Saccone, extension 5301

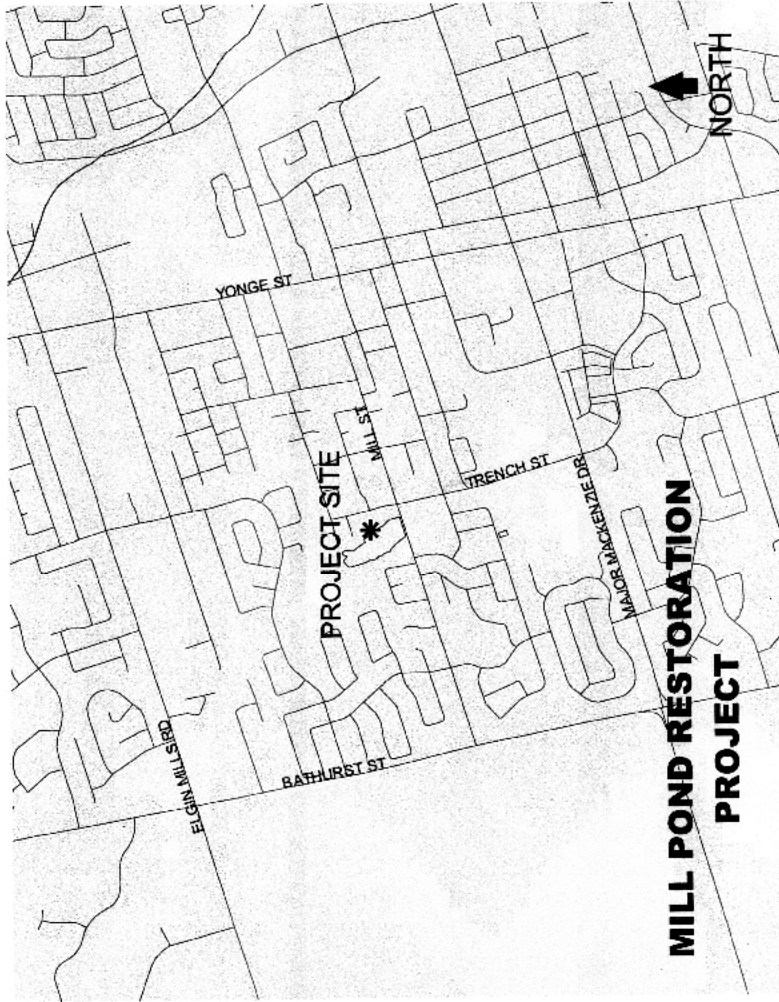
Date: July 23, 2003

Attachments: 2

Attachment 1



Attachment 2



TO: Chair and Members of the Authority
Meeting #6/03, July 25, 2003

FROM: James W. Dillane, Director, Finance and Business Development

RE: THE CORPORATION OF THE CITY OF VAUGHAN
Conveyance of Land for the Pine Valley Pumping Station, City of Vaughan
Humber River Watershed
CFN 32987

KEY ISSUE

Receipt of a request from the City of Vaughan for conveyance of land for the Pine Valley Pumping Station, on the west side of Pine Valley Drive north of Langstaff Road, City of Vaughan, Regional Municipality of York.

RECOMMENDATION

THAT WHEREAS the Toronto and Region Conservation Authority (TRCA) is in receipt of a request from the City of Vaughan to convey certain lands for the construction of the Pine Valley waste water Pumping Station, located on the west side of Pine Valley Drive, north of Langstaff Road, City of Vaughan, Regional Municipality of York;

AND WHEREAS it is in the opinion of TRCA that it is in the best interest of TRCA in furthering its objectives, as set out in Section 20 of the Conservation Authorities Act, to cooperate with the City of Vaughan in this instance;

THAT a parcel of TRCA owned land containing 0.092 hectares, more or less, (0.228 acres) be conveyed to the City of Vaughan for the construction of the Pine Valley waste water Pumping Station, located on the west side of Pine Valley Drive, north of Langstaff Road, said land being Part of Lot 12 , Concession 7, City of Vaughan, Regional Municipality of York, together with a permanent access easement containing 0.01 hectares, more or less (0.03 acres) and a temporary easement containing 0.109 hectares, more or less, (0.270 acres);

THAT consideration is to be as follows:

- a) \$87,400 for the lands required for the pumping station;
- b) \$10,000 for permanent access easement;
- c) \$3,600 for the temporary working easement;
- d) Legal, survey and other costs; and
- e) Buffer plantings and other enhancement to Boyd Conservation Area;

THAT an archaeological investigation is to be conducted before any site disturbance with any mitigative measures required being carried out all at the expense of the City of Vaughan;

THAT the City of Vaughan is to fully indemnify and save harmless the TRCA from any and all claims for injuries, damages or loss of any nature resulting in any way either directly or indirectly from this sale or the carrying out of construction;

THAT said conveyance is subject to the approval of the Minister of Natural Resources in accordance with Section 21(2) of the Conservation Authorities Act, R.S.O. 1990, Chapter C.27 as amended;

AND FURTHER THAT the appropriate TRCA officials be authorized and directed to take whatever action may be required to give effect thereto, including the obtaining of necessary approvals and the execution of any documents.

BACKGROUND

In late 2001 the City of Vaughan commenced an Environmental Assessment Study (EAS) of Pine Valley Pumping Station expansion and Diversion Sewer. The existing pumping site was not large enough to accommodate the expansion; therefore, as part of the EAS the City was also looking for alternatives for a new pumping station site. The preferred alternative is the subject TRCA site.

The purchase price is based on market value. In addition, the City is to provide buffer planting to screen the pumping station from remaining Boyd Conservation Area lands and to provide forest area enhancement. We are also recommending additional enhancements to Boyd Conservation Area to offset the loss of this parcel of land. We are suggesting enhancements such as a new washroom facility and picnic shelter.

A permit for the work at this location will be brought forward to the next Executive Committee meeting. No work will commence on TRCA land until the permit has been issued.

The subject lands form part of a larger acreage acquired from Dr. Boyd in June 1956 under the Boyd Conservation Area Project.

In addition to the fee simple conveyance, the City of Vaughan has requested to utilize 0.01 hectares (0.03 acres) of TRCA land for an access easement and 0.109 hectares (0.270 acres) of TRCA land for temporary construction purposes. A plan illustrating both the fee simple conveyance, permanent and temporary easement locations is attached.

FINANCIAL IMPLICATIONS

The City of Vaughan has agreed to assume all legal, survey and other costs involved in completing this transaction.

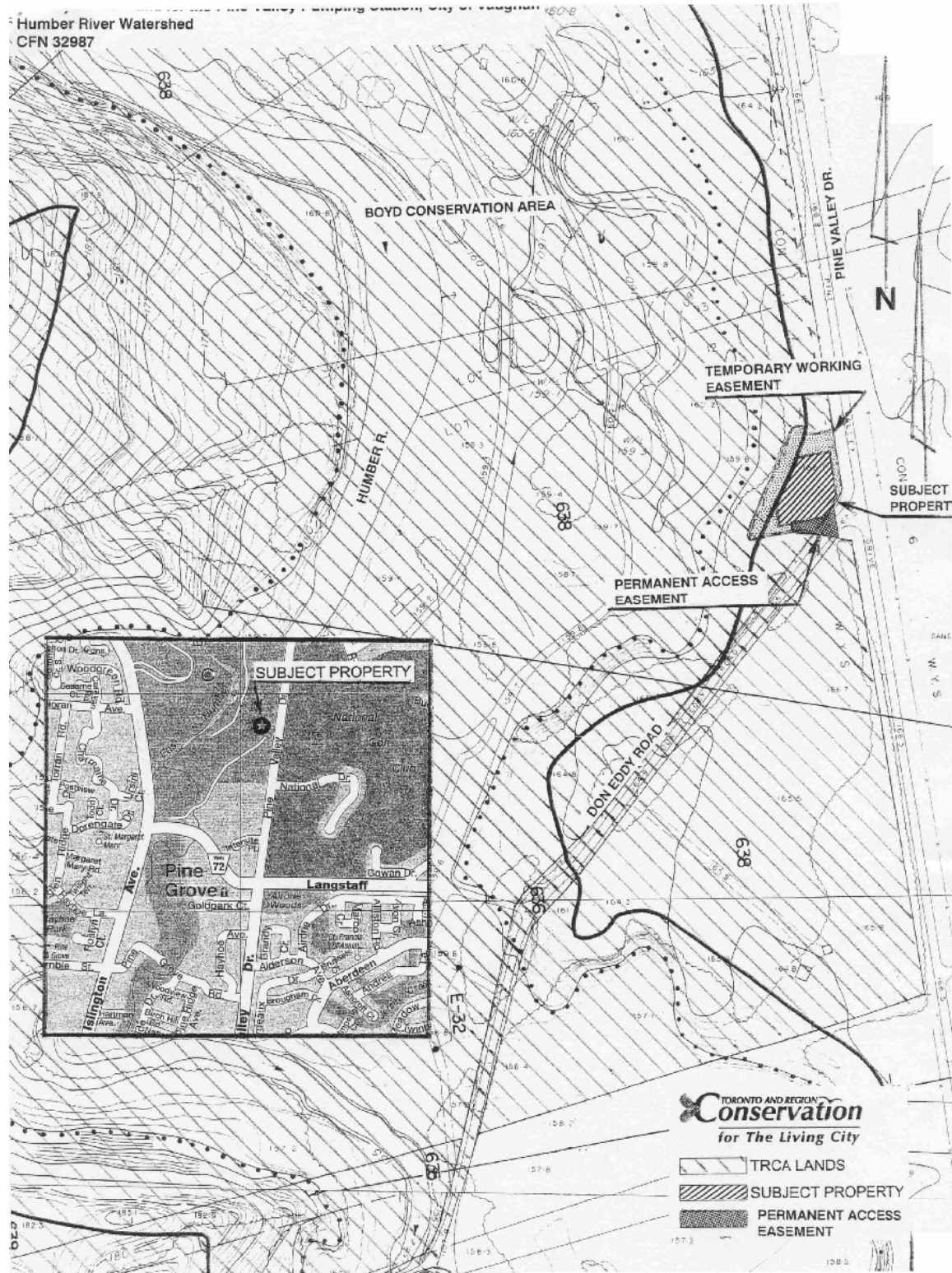
**Report prepared by: Mike Fenning, extension 5223
For Information contact: Ron Dewell, extension 5245
Mike Fenning, extension 5223**

Date: July 17, 2003

Attachments: 1

Attachment 1

Humber River Watershed
CFN 32987



8.1 APPLICATION FOR PERMITS UNDER ONTARIO REGULATION 158

Fill, Construction and Alteration to Waterways

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

8.1.12 CITY OF BRAMPTON

- **Withdrawn**

8.1.13 FANSHORE INVESTMENTS INC.

- **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.**

8.1.14 HIGHSPRING ESTATES INC.

- **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.**

8.1.15 MCVEAN DRIVE ESTATE INC.

- **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.

8.1.16 MENKES INDUSTRIAL HOLDINGS INC.

- 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.

8.1.17 NORTH CASTLEMORE DEVELOPMENTS INC.

- 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.

8.1.18 REGION OF PEEL

- 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.

8.1.19 REGION OF PEEL

- Withdrawn

8.1.20 A. MANTELLA & SONS LIMITED AND DELL HOLDINGS LIMITED

- 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.

8.1.21 CITY OF MISSISSAUGA

- 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.

8.1.22 JAMIE CORNELIUS

- Withdrawn

8.1.23 SUNRISE WEST BUILDING GROUP INC.

- 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.

8.1.24 ADNAN PARUK

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

8.1.25 CITY OF TORONTO

- 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.

8.1.26 ELEANOR SHEN

- 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.

8.1.27 FRANK AND TRACEY ABATE

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

8.1.28 ADAM VASSO

- 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.

8.1.29 DEAN METCALF AND LIZ ARMITAGE

- 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.

8.1.30 CITY OF VAUGHAN

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

8.1.31 YORK REGION DISTRICT SCHOOL BOARD

- 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.

8.1.32 HAMPTSTOCK DEVELOPMENTS INC.

- 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.

81.33 RUNNYMEDE DEVELOPMENT CORPORATION LIMITED

- 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.

8.1.34 MIKE AND JUDY HIPKIN

- 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.

8.1.35 PATRICIA FIGLIOMENI

- Withdrawn

8.1.36 ENBRIDGE GAS DISTRIBUTION INC.

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

8.1.37 LARKIN-MONARCH PARTNERSHIP

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

8.1.38 MARKHAM TRAILS LIMITED PARTNERSHIP

- 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.

8.1.39 SKY PALACE INC.

- 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.

8.1.40 AUTUMN GROVE BUILDERS LTD.

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

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.

LOCATION MAP: Castlemore Road between Airport Road and Goreway 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:

- **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

LOCATION MAP: Mayfield Road-from east of Hurontario Street (at Summer Valley Drive) eastward to west of Kennedy Road (Inder Heights 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:

- **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 Typicals, TRCA-6-Snelgrove Bridge Reconstruction and Road Improvements-Stage 3 Typicals, 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.

LOCATION MAP: Not available

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.

LOCATION MAP: North side of Sheppard Ave. east of Meadowvale Road



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.

LOCATION MAP: Lot 16, Concession 7



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

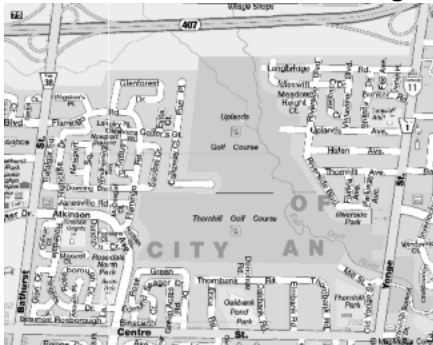
Date: July 23, 2003

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.

LOCATION MAP: south of Highway 407 between Yonge Street and Bathurst Street



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..

LOCATION MAP: west of Highway 27, south of Nashville Road



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 15 new lots within a Draft Approved Plan of Subdivision through the construction of a retaining wall and modifications to the top of bank.

LOCATION MAP



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 sever, 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

TO: Chair and Members of the Executive Committee
Meeting #7/03, July 25, 2003

FROM: Adele Freeman, Acting Director, Watershed Management Division

RE: **STORMWATER ASSESSMENT MONITORING AND PERFORMANCE
(SWAMP) PROGRAM - STORMWATER FACILITY MONITORING REPORTS**
Addendum Report to Item 8.6

KEY ISSUE

Hiring of consultants to conduct the oil grit separator study for the SWAMP Program.

RECOMMENDATION

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.

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.

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Date: July 22, 2003