

FURTHER TO EXECUTIVE COMMITTEE #3/07
To be held Friday, May 4, 2007

Pages

FURTHER TO:

8. SECTION II - ITEMS FOR EXECUTIVE ACTION

8.1 ERRATA UPDATE SHEET 102-104

WITHDRAWN

8.1.35 132 KING ROAD

NEW PERMITS

CITY OF VAUGHAN

8.1.51 CITY OF VAUGHAN

To construct, reconstruct, erect or place a building or structure, site grade and temporarily or permanently place, dump or remove any material, originating on the site or elsewhere on Block 1, Plan 65M3063, (adjacent to 9401 Jane Street), in the City of Vaughan, Don River Watershed as located on the property owned by City of Vaughan.

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8.1.52 SPRINGSIDE GARDEN ESTATES CORP.

To construct, reconstruct, erect or place a building or structure, site grade and temporarily or permanently place, dump or remove any material, originating on the site or elsewhere on Lot 17, Concession 4 Lot 4, Plan 65R-17543, (9401 Jane Street), in the City of Vaughan, Don River Watershed as located on the property owned by Springside Garden Estates Corp..

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ITEMS 8.4 & 8.5 - NEW ITEMS

8.4 OUT OF COUNTRY TRAVEL

Seminar on Safety Evaluation of Existing Dams
Denver, Colorado, May 14-18, 2007

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8.5 WATER MANAGEMENT GUIDELINE

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8.1 APPLICATION FOR PERMITS UNDER ONTARIO REGULATION 166/06 Development, Interference with Wetlands and Alterations to Shorelines and Watercourses

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:

8.1.19 ORLANDO CORPORATION

- Drawing No. A1, Site Plan, prepared by Orlando Corporation, dated September 2006, revision no. 8 dated April 12, 2007, received by TRCA April 23, 2007;
- Drawing No. A1.1, Part Site Grading Plan, prepared by Orlando Corporation, dated September 2006, revision no. 7 dated April 12, 2007, received by TRCA April 23, 2007;
- Drawing No. A3.0, Elevations, prepared by Orlando Corporation, dated July 2006, revision no. 2 dated February 2, 2007, received by TRCA February 23, 2007;
- Drawing No. M1, Mechanical Plan, prepared by Orlando Corporation, dated September 2006, revision no. 6 dated April 12, 2007, received by TRCA April 23, 2007;
- Drawing L1 of 5, Landscape Plan, prepared by Orlando Corporation, dated December 2006, revision no. 3 dated April 30, 2007, received by TRCA May 1, 2007;
- Drawing L2 of 5, Landscape Plan, prepared by Orlando Corporation, dated December 2006, revision no. 3 dated April 30, 2007, received by TRCA May 1, 2007;
- Drawing L3 of 5, Landscape Details, prepared by Orlando Corporation, dated December 2006, revision no. 3 dated April 30, 2007, received by TRCA May 1, 2007;
- Drawing TS-1 of 5, Tree Survey Plan, prepared by Orlando Corporation, dated December 2006, revision no. 3 dated April 30, 2007, received by TRCA May 1, 2007;
- Drawing TS-2 of 5, Landscape Plan, prepared by Orlando Corporation, dated December 2006, revision no. 3 dated April 30, 2007, received by TRCA May 1, 2007.

8.1.20 REGIONAL MUNICIPALITY OF PEEL

- Letter of Undertaking to provide revisions to the engineering drawings to the satisfaction of TRCA; dated April 25, 2007; received April 26, 2007; prepared by the Region of Peel.

8.1.21 THE REGIONAL MUNICIPALITY OF PEEL

- Letter of Undertaking to provide revisions to the engineering drawings to the satisfaction of TRCA; dated April 25, 2007; received April 26, 2007; prepared by the Region of Peel.

8.1.22 39 DONINO AVENUE

- Drawing No. A1, Existing and Proposed Site Plan; Drawing No. A2, Basement Floor Plan; Drawing No. A3, Ground Floor Plan; Drawing No. A4, Second Floor Plan; Drawing No. A5 and A6, Elevation Drawings, prepared by Lorne Rose Architect, dated March 5, 2007, received on April 3, 2007.

8.1.23 24 IVOR ROAD

- Drawing No. L1, Site Plan and Landscape Plan and Tree Preservation Plan, prepared by M +S Landscape Architects, dated April 18, 2007, received on April 20, 2007.

8.1.24 HYDRO ONE NETWORKS INC.

- Temporary Sediment Control Plan Drawing, prepared by Hydro One Networks Inc., dated April 30, 2007, received on April 30, 2007;
- Drawing No. NT4-DxS-150400-0001, Landscape Restoration Plan, prepared by Hydro One Networks Inc., dated April 26, 2007, received on April 30, 2007;
- Drawing No. NT54- D1S-12420-0002, Area of Impact for Archaeology Survey Temporary Erosion and Sediment Control, prepared by Hydro One Networks Inc., dated November 8, 2005, received on April 30, 2007.

8.1.25 CANADA'S WONDERLAND COMPANY

- Letter of Undertaking - applicant to satisfactorily address all outstanding TRCA issues, prepared by Norm Prtovshek, Canada's Wonderland, dated April 24, 2007, received April 25, 2007.

8.1.26 5910 MAJOR MACKENZIE DRIVE

- Drawing Number L1 of 1, Restoration Plan, prepared by Harrington and Hoyle Ltd., dated November 2006, revised April 30, 2007, received by the TRCA on May 1, 2007.

8.1.27 26 MODESTO VALLEY COURT

- Sketch illustrating the in-ground pool location at 26 Modest Valley Court, received by the TRCA on April 24, 2007, redline revised to indicate sediment control fencing and the removal of excess fill material.

8.1.28 9900 HIGHWAY 27

- Drawing Number L1 of 1, Restoration Plan, prepared by Harrington and Hoyle Ltd., dated November 2006, revised April 30, 2007, received by the TRCA on May 1, 2007.

8.1.29 26 BEAUVISTA COURT

- Landscape Plan for Muzzo Residence, Drawing No. L1, prepared by Strybos Barron King Landscape Architecture, dated April 25, 2007, received by the TRCA on April 28, 2007.

8.1.30 THE REGIONAL MUNICIPALITY OF YORK

- Letter of Undertaking - applicant to satisfactorily address all outstanding TRCA issues as identified in correspondence dated April 18, 2007, prepared by Mr. Lawrence Rutledge, JSW & Associates, dated May 1, 2007, received May 2, 2007.

8.1.31 MOUNTCLIFFE DEVELOPMENTS INC.

- Letter of Undertaking by Nick Falvo, President, Baycliffe Homes, committing to make all minor revisions to the plans requested by TRCA staff.

8.1.32 15390 MOUNT WOLFE ROAD

- Landscape Plan, prepared by N.T.S., dated April 27, 2007, Redline Revised by TRCA on May 1, 2007, stamped received by TRCA Planning & Development Staff, May 1, 2007;
- Plot Plan, prepared by D. Ducette, stamped received by TRCA Planning & Development Staff, May 1, 2007;
- Plans Elevations & Section, Drawing No. 1, dated March 23, 2007, stamped received by TRCA Planning & Development Staff May 1, 2007;

- East Elevation 'B', dated March 2007, stamped received by TRCA Planning & Development Staff May 1, 2007;
- West Elevation 'B', dated March 2007, stamped received by TRCA Planning & Development Staff May 1, 2007;
- Partial Second Floor Plan, dated March 2007, stamped received by TRCA Planning & Development Staff May 1, 2007.

8.1.33 903943 ONTARIO LIMITED

- Letter of Undertaking, prepared by S. Kurtz, SCS Consulting Group Ltd., dated May 2, 2007, to address outstanding TRCA engineering and ecology issues.

8.1.34 38 MUMBERSON COURT

- Drawing No. A1 of 10, Site Plan, Planting Plan and Sediment and Erosion Control Plan, dated October 2006, prepared by Ahmad Kazemi of Kazemi Engineering & Construction Inc., TRCA staked dripline indicated, received April 30, 2007.

8.1.35 132 KING ROAD

WITHDRAWN

8.1.36 17 EVERGLADES COURT

- Drawing, 17 Everglades Court, prepared by Marco DiMambro, received April 26, 2007, first revision dated April 26, 2007 to remove retaining wall as per TRCA requirements.

8.1.37 REGIONAL MUNICIPALITY OF YORK

- Letter of Undertaking to address the comments in TRCA's letter of April 27, 2007 to the satisfaction of TRCA; prepared by the Regional Municipality of York; dated April 30, 2007; received by TRCA May 1, 2007

8.1.38 REGIONAL MUNICIPALITY OF YORK

- Letter of Undertaking to provide revisions to the engineering drawings and to address TRCA comments, all to the satisfaction of TRCA; prepared by The Regional Municipality of York; dated April 26, 2007; received by TRCA April 26, 2007.

8.1.39 REGIONAL MUNICIPALITY OF YORK

- Letter of Undertaking to provide revisions to the engineering drawings and to address TRCA comments, all to the satisfaction of TRCA; prepared by The Regional Municipality of York; dated April 26, 2007; received by TRCA April 26, 2007.

8.1.40 TOWN OF WHITCHURCH-STOUFFVILLE

- Letter of Undertaking by Tom Parry, P.Eng., Director of Development Services, committing to make all minor revisions to the plans requested by TRCA staff.

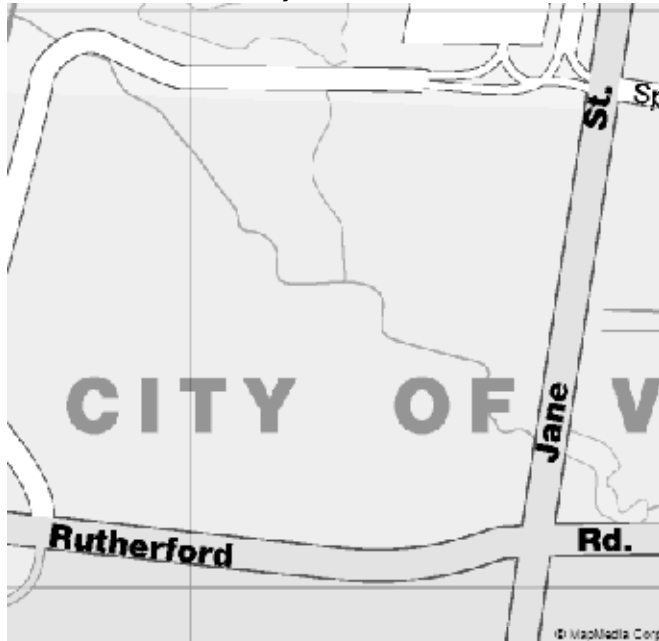
CITY OF VAUGHAN

8.1.51 CITY OF VAUGHAN

To construct, reconstruct, erect or place a building or structure, site grade and temporarily or permanently place, dump or remove any material, originating on the site or elsewhere on Block 1, Plan 65M3063, (adjacent to 9401 Jane Street), in the City of Vaughan, Don River Watershed as located on the property owned by City of Vaughan.

The purpose is to construct a structure, outlet, within the Regulated Area.

LOCATION MAP: adjacent to 9401 Jane Street



The permit will be issued for the period of May 4, 2007 to May 3, 2009 in accordance with the following documents and plans which form part of this permit:

- Site Plan, Drawing No. A-10, prepared by Intra Architect Inc., revised to April 17, 2007 and TRCA date stamp received May 2, 2007;
- Landscape Plan, Drawing No. L1, prepared by NAK Design Group, revised to March 30, 2007 and TRCA date stamp received May 2, 2007;
- Landscape Details, Drawing No. D2, prepared by NAK Design Group, revised to February 26, 2007 and TRCA date stamp received May 2, 2007;
- Grading Plan, Drawing No. GR, prepared by Cole Engineering Group Ltd, revised to March 26, 2007 and TRCA date stamp received May 2, 2007;
- Erosion/Siltation Control Plan, Drawing No. ES, prepared by Cole Engineering Group Ltd, revised to April 11, 2007 and TRCA date stamp received May 2, 2007;
- Planting Restoration Plan, Drawing No. L101, prepared by BBA Associates (1991) Limited, dated April 2007 and TRCA date stamp received May 2, 2007;
- Outfall Location and Tree Protection Plan, Figure No. 3, prepared by Cole Engineering Group Ltd, dated April 2007 and TRCA date stamp received May 2, 2007;

- Servicing Plan, Drawing No. SP, prepared by Cole Engineering Group Ltd, revised to March 26, 2007 and TRCA date stamp received May 2, 2007;
- Details and General Notes, Drawing No. DE, prepared by Cole Engineering Group Ltd, revised to March 26, 2007 and TRCA date stamp received May 2, 2007.

RATIONALE

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

Proposal:

The proposal is to undertake works within a Regulated Area of the Don Watershed, in order to construct a stormwater outfall and carry out remedial excavation and grading works at 9401 Jane Street, in the City of Vaughan.

TRCA staff were originally circulated related planning development applications for the subject property (Official Plan and Zoning Bylaw Amendment applications OP.05.002 and Z.05.007 respectively). At that time Authority staff provided comments to Vaughan Planning concerning the need for an appropriate buffer from the woodlot, located to the east of the subject site. The applications were referred to and approved by the Ontario Municipal Board (OMB). An environmental buffer, averaged out to 10 metres, was approved by the OMB. Authority staff recognize the reduced buffer in certain areas is not consistent with our policies, however staff support the proposal on the basis of the proposed restoration adjacent to the valley.

The works proposed for this portion of the site are related to a development proposal which requires remedial grading adjacent to the slope and the resulting outfall on city-owned lands. While flows will not be directly discharged into the nearby watercourse, diffusion of stormwater through the valley corridor and into the watercourse is expected. As such, a Letter of Advice will be issued on behalf of Fisheries and Oceans Canada (DFO).

Control of Flooding:

The proposed outfall is located within the Regional Storm Floodplain, and will not impact the storage or conveyance of flood waters.

Pollution:

Erosion and sediment controls will be erected prior to the initiation of construction and maintained for the duration of the works to ensure sediment does not enter the nearby valley system and watercourse.

Dynamic Beaches:

Not applicable

Erosion:

Erosion on the work site will be minimized through the application of the sediment and erosion control measures noted above. Staff have reviewed the technical submissions respecting the gradient of the valley slope and are satisfied.

Conservation of Land:

There is no significant vegetation located on the valley slope were the proposed works will be conducted. There is some vegetative cover that will be removed (trees and shrubs). A restoration plan has been submitted by the proponent and concurred with by Authority staff. No in-water works are proposed, however, given the discharge of stormwater flows into the valley, and ultimately the watercourse, a Letter of Advice will be issued on behalf of DFO.

Plantings

Plantings of native, non-invasive species will be carried out along the corridor and on the regraded valley slope. The planting will be implemented in accordance with TRCA's Planting and Seed Mix Guidelines.

Policy Guidelines:

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

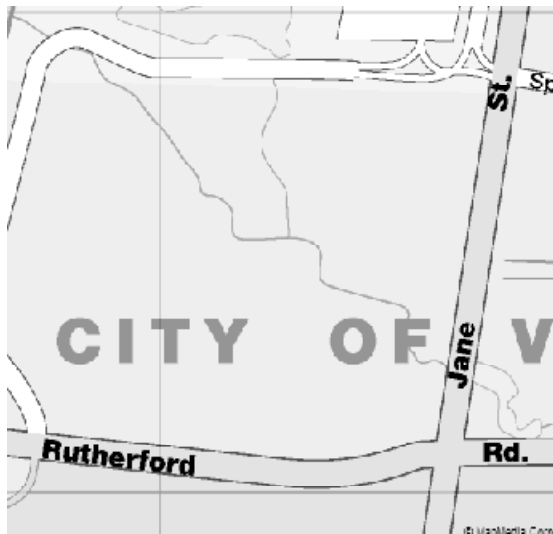
CFN: 39129 - Application #: 208/07/VAUG
Report Prepared by: Bill Kiru, extension 5306
For information contact: Bill Kiru, extension 5306
Date: May 2, 2007

8.1.52 SPRINGSIDE GARDEN ESTATES CORP.

To construct, reconstruct, erect or place a building or structure, site grade and temporarily or permanently place, dump or remove any material, originating on the site or elsewhere on Lot 17, Concession 4 Lot 4, Plan 65R-17543, (9401 Jane Street), in the City of Vaughan, Don River Watershed as located on the property owned by Springside Garden Estates Corp..

The purpose is to construct a structure, undertake grading, permanently place fill material within the Regulated Area.

LOCATION MAP: 9401 Jane Street



The permit will be issued for the period of May 4, 2007 to May 3, 2009 in accordance with the following documents and plans which form part of this permit:

- Site Plan, Drawing No. A-10, prepared by Intra Architect Inc., revised to April 17, 2007 and TRCA date stamp received May 2, 2007;
- Landscape Plan, Drawing No. L1, prepared by NAK Design Group, revised to March 30, 2007 and TRCA date stamp received May 2, 2007;
- Landscape Details, Drawing No. D2, prepared by NAK Design Group, revised to February 26, 2007 and TRCA date stamp received May 2, 2007;
- Grading Plan, Drawing No. GR, prepared by Cole Engineering Group Ltd, revised to March 26, 2007 and TRCA date stamp received May 2, 2007;
- Erosion/Siltation Control Plan, Drawing No. ES, prepared by Cole Engineering Group Ltd, revised to April 11, 2007 and TRCA date stamp received May 2, 2007;
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- Details and General Notes, Drawing No. DE, prepared by Cole Engineering Group Ltd, revised to March 26, 2007 and TRCA date stamp received May 2, 2007.

RATIONALE

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

Proposal:

The proposal is to undertake works within a Regulated Area of the Don Watershed, in order to construct a stormwater outfall and carry out remedial excavation and grading works at 9401 Jane Street, in the City of Vaughan.

TRCA staff were originally circulated related planning development applications for the subject property (Official Plan and Zoning Bylaw Amendment applications OP.05.002 and Z.05.007 respectively). At that time Authority staff provided comments to Vaughan Planning concerning the need for an appropriate buffer from the woodlot, located to the east of the subject site. The applications were referred to and approved by the Ontario Municipal Board (OMB). An environmental buffer, averaged out to 10 metres, was approved by the OMB. Authority staff recognize the reduced buffer in certain areas is not consistent with our policies, however staff support the proposal on the basis of the proposed restoration adjacent to the valley.

The works proposed for this portion of the site are related to conducting remedial grading adjacent to the slope. The proposed outlet will be located on City property, and is the subject of another report.

Control of Flooding:

The proposed grading works are located outside of the Regional Storm Floodplain. As such, the proposed works will not impact the storage or conveyance of flood waters.

Pollution:

Erosion and sediment controls will be erected prior to the initiation of construction and maintained for the duration of the works to ensure sediment does not enter the nearby valley system and watercourse.

Dynamic Beaches:

Not applicable

Erosion:

Erosion on the work site will be minimized through the application of the sediment and erosion control measures noted above. Staff have reviewed the technical submissions respecting the gradient of the valley slope and are satisfied.

Conservation of Land:

There is no significant vegetation located in the area where the proposed works will be conducted. A landscape plan has been submitted by the proponent and concurred with by Authority staff. No in-water works are proposed, however, given the discharge of stormwater flows into the valley, and ultimately the watercourse, a Letter of Advice will be issued on behalf of DFO.

Plantings

Plantings of native, non-invasive species will be carried out along the corridor and on the regraded valley slope. The planting will be implemented in accordance with TRCA's Planting and Seed Mix Guidelines.

Policy Guidelines:

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

CFN: 38460 - Application #: 720/06/VAUG

Report Prepared by: Bill Kiru, extension 5306

For information contact: Bill Kiru, extension 5306

Date: May 2, 2007

TO: Chair and Members of the Executive Committee
Meeting #3/07, May 4, 2007

FROM: Deborah Martin-Downs, Director, Ecology

RE: **OUT OF COUNTRY TRAVEL**
Seminar on Safety Evaluation of Existing Dams
Denver, Colorado, May 14-18, 2007

KEY ISSUE

Approval for staff to travel outside Canada to attend a course in the United States of America.

RECOMMENDATION

THAT approval be granted for Tom Dole, Water Resources Analyst and Craig Mitchell, Hydrometric Coordinator, to attend the Seminar on Safety and Evaluation of Existing Dams offered by the United States Bureau of Reclamation in Denver, Colorado, from May 14 - 18, 2007, at a cost not to exceed \$5,500 including applicable taxes.

BACKGROUND

The Toronto and Region Conservation Authority (TRCA) policy on travel requires Executive Committee approval for staff travel outside of the country on TRCA business.

Established in 1902 the United States Bureau of Reclamation (USBR) is the second largest producer of hydroelectric power in the US and operates 600 dams and reservoirs including the Hoover Dam on the Colorado River and the Grand Coulee Dam on the Columbia River. The USBR is the world leader in dam safety and maintenance.

The five-day course is the only one of its kind in North American and provides comprehensive instruction in dam safety examination and evaluation. The course emphasizes the importance of dam safety and provides information and instruction in dam safety surveillance, visual examination, concrete repair, remedial measures for dams and emergency action planning.

RATIONALE

After completing a comprehensive search of available dam safety training courses it was determined that no comparable course was being offered in Canada. To date, TRCA staff has not received any formal training in dam safety evaluation.

TRCA owns four dams. Of these, G. Ross Lord Dam on the West branch of the Don River and Claireville Dam on the West branch of the Humber River are actively operated as part of the flood warning program. TRCA's dams range in age from 30 to 40 years old. As the dams get older it is vital that staff receive specialized training in dam safety and maintenance.

Tom Dole is a Flood Duty Officer in TRCA's Flood Warning and Forecasting Program and is currently managing the Operations Updates and Emergency Preparedness Plans for G. Ross Lord Dam and Claireville Dam. The course will serve as professional development and the training will help in the completion of the operational updates and emergency planning for the dams.

Craig Mitchell is the Hydrometric Coordinator in TRCA's Flood Warning and Forecasting Program and is in charge of managing the maintenance of all of TRCA's dams. The training will improve Craig's expertise in dam maintenance and monitoring.

FINANCIAL DETAILS

The cost to attend this course, including return flight, meals, accommodations and taxi fare, is estimated to be \$5,500 and will be covered by the Flood Warning Account 107-01.

Report prepared by: Tom Dole, extension 5659
Email: tdole@trca.on.ca
For Information contact: Tom Dole, extension 5659
Email: tdole@trca.on.ca
Date: April 26, 2007

TO: Chair and Members of the Executive Committee
Meeting #3/07, May 4, 2007

Item 8.5

FROM: Deborah Martin-Downs, Director, Ecology

RE: WATER MANAGEMENT GUIDELINE

KEY ISSUE

Approval to retain Aquafor Beech Limited to develop a comprehensive water management guideline which would assist practitioners and review agencies in the planning, selection, design and costing of a wide range of Best Management Practices.

RECOMMENDATION

THAT Toronto and Region Conservation Authority (TRCA) retain Aquafor Beech Limited to develop a comprehensive water management guideline which would assist practitioners (consultants and developers) and review agencies (TRCA and municipalities) in the planning, selection, design and costing of a wide range of Best Management Practices (BMP's), at a cost not to exceed \$95,000 plus applicable taxes.

RATIONALE

The stormwater management field is evolving. Initial efforts in the 1970's and 1980's focused on flood control. Efforts in the 1990's broadened the scope to address issues such as water quality degradation and erosion. Recently comprehensive studies have been undertaken to address issues related to water balance (surface and groundwater), geomorphology, fisheries and natural features.

A majority of the conservation authorities have developed regulation policies and protocols to deal with a number of the traditional issues (eg. flood control). However, guidance with respect to the planning, selection and design of a wide range of BMP's, such as greenroofs, pervious pavement, bio-retention swales and stormwater management ponds to address all the issues as outlined above is not available or is outdated. Furthermore, topics such as the capital and operation/maintenance costs of the newer BMP's is not readily available in existing documents.

The objective of this guideline would therefore be to utilize information from existing documents and augment this information from recent findings in order to prepare a water management guideline which would assist practitioners (consultants and developers) and review agencies (TRCA and municipalities) in the planning, selection, design and costing of a wide range of BMP's. Items with respect to legislation and TRCA's role in the water management, floodplain management, erosion and sediment control and existing checklists would also be incorporated into the document.

Completion of the above tasks will provide TRCA and the member municipalities with a comprehensive, state of the art water management guideline document which will lead to a more streamlined and focused design and review process. Furthermore, it would help ensure that the goals, objectives and targets as outlined in larger scale studies (watershed and subwatershed studies) are being met.

It is expected that the proposed guideline will be finished by the end of 2007 and will include sections on: integrating stormwater management into the planning process, stormwater design criteria, water balance, best management practices, operations and maintenance, monitoring, floodplain management, watercourse/fluviol geomorphology, erosion and sediment control and relevant municipal and provincial documents.

FINANCIAL DETAILS

TRCA staff has provided a detailed task list to Aquafor Beech Limited for which they have provided a quote of \$95,000 plus applicable taxes. Staff is of the opinion that this amount represents good value for the extent of work requested. Aquafor Beech Limited has the most experience in the province in this field and are currently developing a similar guideline for the Credit Valley Conservation Authority. The majority of the proposed guideline will be written to address specific TRCA water management criteria, however, it will also draw upon work completed for the Credit Valley Conservation Authority, therefore significantly reducing the effort and cost for this work while ensure consistency in the Region of Peel. Staff is therefore recommending the project be a sole source contract with Aquafor Beech Limited. As per TRCA's Purchasing Policy, sole source contracts from \$50,000 to \$200,000 require approval from the Executive Committee.

Funding for this project will be provided from account 129-10 and has approved funding from the Region of Peel.

Report prepared by: Sameer Dhalla, extension 5350
Email: sdhalla@trca.on.ca
For Information contact: Sameer Dhalla, extension 5350
Email: sdhalla@trca.on.ca
Date: April 30, 2007