



THE TORONTO AND REGION CONSERVATION AUTHORITY
5 Sheppard Ave. E., Toronto, Ontario M3J 1S4 Tel: 661-6600 Fax: 661-5816 <http://www.trca.on.ca>

Dick O'Brien
Chair

J. Craig Mather
Chief Administrative Officer

NOTICE OF MEETING

AUTHORITY #4/03

The next Authority Meeting of The Toronto and Region Conservation Authority will be held on Friday, May 16, 2003 in the South Theatre, Black Creek Pioneer Village, at 10:00 a.m.

Enclosed please find the Agenda, Minutes of the various Boards and Committees, copies of communications, etc., that will be considered at the meeting.

Authority Members, concerned citizens, and all others receiving a copy of the Agenda and accompanying material are requested to bring them to the meeting, as additional copies will not be available.

If you are missing any attachments or copies or if you require further information regarding this Agenda, please contact Kathy Stranks, at 416-661-6600 ext. 5264 or e-mail at kstranks@trca.on.ca. Please also confirm attendance at the meeting.



THE TORONTO AND REGION CONSERVATION AUTHORITY

Authority Meeting #4/03

Chair: Dick O'Brien
Vice Chair: Jim McMaster
Members:

**May 16, 2003
10:00 A.M.**

SOUTH THEATRE, BLACK CREEK PIONEER VILLAGE

AGENDA

- 1. MINUTES OF MEETING #3/03**
(Enclosed herewith on White)
- 2. BUSINESS ARISING FROM THE MINUTES**
- 3. DISCLOSURE OF PECUNIARY INTEREST AND THE GENERAL NATURE THEREOF**
- 4. DELEGATIONS**
- 5. PRESENTATIONS**

PRODUCT KNOWLEDGE
 - 5.1 Marty Brent, Manager, Black Creek Pioneer Village, in regards to the 2003 Season.**
- 6. CORRESPONDENCE**
- 7. CONSIDERATION OF REPORTS TO THE AUTHORITY**
 - 7.1 EMERALD ASH BORER**
 - 7.2 SOURCE PROTECTION PLANNING FRAMEWORK - IMPLICATIONS TO TRCA**
Report to Follow
 - 7.3 STRATEGIC PLAN DRAFT FRAMEWORK**
Report to Follow

CONFIDENTIAL ITEM 7.4

7.4 REVISED PROJECT FOR THE ETOBICOKE MOTEL STRIP WATERFRONT PARK

Red Carpet Property

Report to Follow

8. CONSIDERATION OF REPORTS OF THE EXECUTIVE COMMITTEE MEETING #4/03, HELD ON MAY 2, 2003

(Refer to pages printed on **PINK**)

9. CONSIDERATION OF REPORTS OF THE FINANCE AND BUSINESS DEVELOPMENT BOARD MEETING #3/03, TO BE HELD ON MAY 16, 2003

(Refer to pages printed on **YELLOW**)

10. NEW BUSINESS

NEXT MEETING OF THE AUTHORITY #5/03, TO BE HELD ON JUNE 27, 2003,
IN THE SOUTH THEATRE, BLACK CREEK PIONEER VILLAGE

J. Craig Mather
Chief Administrative Officer

/ks

8. CONSIDERATION OF REPORTS OF THE EXECUTIVE COMMITTEE MEETING #4/03, HELD ON MAY 2, 2003

(Refer to pages printed on **PINK**)

SECTION I - ITEMS FOR AUTHORITY ACTION

- 8.1 NATURAL HERITAGE LANDS AND ACQUISITION PROJECT
2001-2005**
Flood Plain and Conservation Component, Humber River Watershed
Leland Paton
CFN 34281 132-135
- 8.2 NATURAL HERITAGE LANDS PROTECTION AND ACQUISITION PROJECT,
2001-2005**
Flood Plain and Conservation Component, Humber River Watershed
Peter and Helen Nikolakakos
CFN 31512 136-138
- 8.3 REQUEST FOR LEASE AND RESTORATION OF THE FORMER PEARCE
RESIDENCE, 2262 MEADOWVALE ROAD, IN THE CITY OF TORONTO**
139-140

SECTION II - ITEMS FOR EXECUTIVE ACTION

- 8.4 APPLICATIONS FOR PERMITS PURSUANT TO ONTARIO REGULATION 158**
Fill, Construction & Alteration to Waterway.

CITY OF MISSISSAUGA

- 8.4.1 CITY OF MISSISSAUGA**
To construct in a flood plain, place fill within a regulated area on Block A, Plan 670, (1204 Bloor Street), in the City of Mississauga, Etobicoke Creek Watershed as located on the property owned by City of Mississauga. 141-142

CITY OF PICKERING

- 8.4.2 FIRST SIMCHA SHOPPING CENTRES LTD.**
To construct in a flood plain on Part Lot 18, Concession 1, Lot 18, Plan 40R-12591, 1899 Brock Road (at Pickering Parkway), in the City of Pickering, Duffins Creek Watershed as located on the property owned by First Simcha Shopping Centres Ltd. 142-143
- 8.4.3 MARK AND SHEILA RISDON**
To place fill within a regulated area on Lot 2, Plan 40M-1638, (1501 Streamside Court), in the City of Pickering, Waterfront Watershed as located on the property owned by Mark and Sheila Risdon. 143-144

CITY OF TORONTO (ETOBICOKE COMMUNITY)

8.4.4 BOB WELYKANYCZ

To place fill within a regulated area on Lot 10, Concession C FTH, (4146 Dundas Street West), in the City of Toronto (Etobicoke Community Council Area), Humber River Watershed as located on the property owned by Bob Welykanycz. 145-146

CITY OF VAUGHAN

8.4.5 CITY OF VAUGHAN

To place fill within a regulated area on Lot 10, Concession 9, (Kirby Road), in the City of Vaughan, Humber River Watershed as located on the property owned by City of Vaughan. 146-147

TOWN OF MARKHAM

8.4.6 MARCO POLSINELLI

To place fill within a regulated area on Part Lot 1, Plan 65M-2100, (2 Denby Court), in the Town of Markham, Rouge River Watershed as located on the property owned by Marco Polsinelli. 147-148

8.4.7 PAUL MANDEL

To place fill within a regulated area on Block 22, Plan 65M-2123, Block 42, Plan 65M-2159, (6 Rockley Court), in the Town of Markham, Don River Watershed as located on the property owned by Paul Mandel. 148-149

8.4.8 TOWN OF MARKHAM

To alter a waterway on Lot 16, 17, 18, Concession 6, (north of 16th Avenue, between Kennedy Road and McCowan Road), in the Town of Markham, Rouge River Watershed as located on the property owned by Town of Markham. 149-150

TOWN OF RICHMOND HILL

8.4.9 ARPUN AND SHEILA TORIKIAN

To place fill within a regulated area on Lot 224, Plan 65M-3209, (33 Yukon Drive), in the Town of Richmond Hill, Don River Watershed as located on the property owned by Arpun and Sheila Torikian. 150-151

THE FOLLOWING PERMIT APPLICATIONS WERE ERRATA ITEMS:

CITY OF BRAMPTON

8.4.10 FANSHORE INVESTMENTS INC.

To alter a waterway, construct in a flood plain, place fill within a regulated area on East Half Lot 14, Concession 7 NDS, (West Side of Goreway Drive between Rose Garden Drive and Cynthia Crescent), in the City of Brampton, Humber River Watershed as located on the property owned by Fanshore Investments Inc. 152-153

CITY OF TORONTO (SCARBOROUGH COMMUNITY

8.4.11 MORNINGSIDE HEIGHTS LANDOWNERS GROUP LIMITED

To place fill within a regulated area (Staines Road and Steeles Avenue East), in the City of Toronto (Scarborough Community Council Area), Rouge River Watershed as located on the property owned by City of Toronto. 153-155

TOWN OF CALEDON

8.4.12 GEORGIAN TAYLOR WOODS INC.

To alter a waterway, construct in a flood plain, place fill within a regulated area on Lot 8, Concession 7, in the Town of Caledon, Humber River Watershed as located on the property owned by Georgian Taylor Woods Inc./Toronto and Region Conservation Authority. 155-156

TOWN OF RICHMOND HILL

8.4.13 JOSEPH KREINER

To place fill within a regulated area on Part Lot 50, Concession 1 WYS Part Lot 9, 10, Plan 1999, (711 Elgin Mills Road West), in the Town of Richmond Hill, Don River Watershed as located on the property owned by Joseph Kreiner. 157-158

8.4.14 MARK YOUSSEF

To alter a waterway, place fill within a regulated area on Lot 65, Concession 1, (638 Sunset Beach Road), in the Town of Richmond Hill, Humber River Watershed as located on the property owned by Mark Youssef. 158-159

8.4.15 SALIB YOUSSEF

To place fill within a regulated area on Lot 65, Concession 1 Part Lot 65, Plan 65R-14270, (634 Sunset Beach Road), in the Town of Richmond Hill, Humber River Watershed as located on the property owned by Salib Youssef. 159-160

CITY OF MISSISSAUGA

8.4.16 514052 ONTARIO LTD. AND 1176847 ONTARIO LTD. (ORFUS REALTY)

To alter a waterway, construct in a flood plain, place fill within a regulated area on (West of Airport Road, North of Mornings Star Drive), in the City of Mississauga, Mimico Creek Watershed as located on the property owned by 514052 Ontario Ltd. and 1176847 Ontario Ltd. (Orfus Realty). 160-163

CITY OF PICKERING

8.4.17 SURREY PLAZA LIMITED

To place fill within a regulated area on Block DZ, Plan M-16, (938 Liverpool Road), in the City of Pickering, Waterfront Watershed as located on the property owned by Surrey Plaza Limited. 163-164

CITY OF TORONTO (ETOBICOKE COMMUNITY)

8.4.18 IAN AND SUSAN MCCOLL

To place fill within a regulated area on Lot 113, 114, Plan 2155, (345 Lake Promenade), in the City of Toronto (Etobicoke Community Council Area), Waterfront Watershed as located on the property owned by Ian and Susan McColl. 165-166

CITY OF TORONTO (NORTH YORK COMMUNITY)

8.4.19 AIDA CARAPINHA

To place fill within a regulated area on Lot 34, Plan M-1119, (32 Islay Court), in the City of Toronto (North York Community Council Area), Humber River Watershed as located on the property owned by Aida Carapinha. 166-167

CITY OF TORONTO (SCARBOROUGH COMMUNITY)

8.4.20 AUSTIN BURNETT

To place fill within a regulated area on (10126 Sheppard Avenue East), in the City of Toronto (Scarborough Community Council Area), Rouge River Watershed as located on the property owned by Austin Burnett. 167-168

8.4.21 CITY OF TORONTO

To place fill within a regulated area on Lot 18, Concession D , (), in the City of Toronto (Scarborough Community Council Area), Highland Creek Watershed as located on the property owned by City of Toronto. 168-169

8.4.22 TRANS-GATE INC.

To alter a waterway on Part Lot 12, Concession 4, (East of Staines Road and Morningside Avenue), in the City of Toronto (Scarborough Community Council Area), Rouge River Watershed as located on the property owned by Trans-Gate Inc. 170-171

CITY OF TORONTO (TORONTO EAST YORK COMMUNITY)

8.4.23 ENBRIDGE CONSUMERS GAS

To alter a waterway, construct in a flood plain, place fill within a regulated area on, (Don River Valley near Beechwood Drive), in the City of Toronto (Toronto East York Community Council Area), Don River Watershed as located on the property owned by Enbridge Consumers Gas. 171-172

CITY OF VAUGHAN

8.4.24 REGIONAL MUNICIPALITY OF YORK

To place fill within a regulated area on Lot 16, Concession 7, (Rutherford Road-Nappa Valley to Weston Road-excluding the Humber River Crossing), in the City of Vaughan, Humber River Watershed as located on the property owned by Regional Municipality of York. 172-174

8.5 FLOODPLAIN MAPPING SCANNING AND VECTORIZATION PROJECT FOR THE DON RIVER (SOUTH OF STEELES AVE.) AND DUFFINS CREEK WATERSHEDS 174-175

8.6 HSP-F MODEL REFINEMENT FOR THE ROUGE RIVER AND HIGHLAND CREEK WATERSHEDS 175-177

8.7 INSTALLATION OF COMMUNICATION DUCT NETWORK - CENTRE FOR SUSTAINABLE LIVING AT KORTRIGHT 177-178

8.8 DON RIVER WATERSHED HYDROLOGY UPDATE 179-180

8.9 TERRESTRIAL NATURAL HERITAGE PROGRAM
Planning Consultant Selection 180-181

8.10 MARINE ARCHAEOLOGY SERVICES FOR THE PORT UNION WATERFRONT IMPROVEMENT PROJECT 181-182

8.11 REQUEST TO DEPOSIT SURPLUS TOPSOIL ON FUTURE ROUGE PARK LAND 183-184

9. CONSIDERATION OF REPORTS OF THE FINANCE AND BUSINESS DEVELOPMENT BOARD MEETING #3/03, TO BE HELD ON MAY 16, 2003

(Refer to pages printed on **YELLOW**)

SECTION I - ITEMS FOR AUTHORITY ACTION

9.1 SALARY AND WAGE ADJUSTMENTS

Director's and the Chief Administrative Officer/Secretary-Treasurer

3-4

TO: Chair and Members of the Authority
Meeting #4/03, May 16, 2003

FROM: Brian Denney, Director, Watershed Management Division

RE: EMERALD ASH BORER

KEY ISSUE

Implications of the Toronto and Region Conservation Authority (TRCA) removing ash trees that are vulnerable to the Emerald Ash Borer (EAB) from future plantings.

RECOMMENDATION

THAT staff continue to propagate and plant ash species for restoration planting until there is conclusive evidence of the potential impact of the EAB as this planting methodology supports species diversity and sound ecological management;

AND FURTHER THAT staff proceed with the implementation of a comprehensive forest pest monitoring program that would monitor for the presence of EAB and support the establishment of a EAB monitoring network.

BACKGROUND

As Emerald Ash Borer (EAB) has been confirmed to be present in the City of Windsor and Essex Region as of July 2002, there is potential, given time, for the EAB to spread to the TRCA watershed and attack and kill ash species in the TRCA jurisdiction. TRCA staff will examine the implications of discontinuing the planting of ash species on TRCA regeneration projects.

A decision to discontinue the planting of ash species will have a negative impact on TRCA land management policy and objectives that promote regeneration and restoration activities. The goal of restoration is to establish native vegetation on barren sites and to increase species diversity through planting as part of sound ecological management. Ash species are an important vegetation component of the natural landscape. As a tree used on regeneration projects, ash will perform well on a variety of different soils and site conditions and have good transplanting success. Ash are one of the first species to naturally colonize open fields and meadows and are a primary restoration species in nature. The ash species are a valuable tool used in combination with the suite of restoration species currently available.

On TRCA regeneration projects, ash is planted in combination with other tree and shrub species suited to the site conditions. This planting methodology supports species diversity and sound ecological management. Over time the species composition of the regeneration planting will change as some species adapt to changing site conditions or as others die out, having maximized their potential on the site. All the shrub and tree species planted will have contributed ecological benefits, such as wildlife habitat or soil stabilization, during the time those species are occupying the site. They will also have helped to change and prepare the site for natural regeneration to follow and what will be a succession of future vegetation communities.

A decision to discontinue the use of ash will also have implications for the current TRCA Nursery program. The TRCA has traditionally supplied our municipal and regional partners and private landowners within the watershed with genetically adapted, native plant materials grown by the TRCA Nursery and supplied to the various tree planting programs. Ash being one of many species available.

RATIONALE

In conversation with York Region forestry staff, it was indicated that the Regional Street Tree Planting Program has reduced the component of ash species to 10% of the total trees planted for 2003, but York Region has decided not to remove ash from their list of suitable species in order to satisfy particular planting site requirements and to maintain species diversity. The City of Vaughan has reduced the street tree planting component of ash to 7% of all their total street tree plantings. The City of Vaughan decision was not made solely on the potential for EAB damage, but on damage caused by another insect that affects the aesthetics of these trees in the urban setting.

Although EAB is a serious threat to all ash in Ontario, many other tree species are susceptible to a variety of serious insect pests and diseases, but remain important restoration species and are still planted in the landscape. To date, Dutch Elm Disease (DED) has not killed every white elm tree in the GTA. This tree species still manages to produce seeds and grow to become a small tree before being killed by the disease. The role of white elm in nature has changed from that of a large, forest tree to a short-lived pioneer species, however the white elm still provides important contributions to the environment in terms of forest habitat, species diversity and other ecological benefits. The long term effects of an EAB infestation on ash and to the extent ash species will be impacted are still unknown. In terms of regeneration and restoration planting, ash will continue to be an important restoration species and contribute to improving the restoration planting site for the time that ash can affect positive changes.

It is also doubtful that ash planted on regeneration projects would be subject to replacement or removal where plantings are established in natural environments or non-residential areas. In these cases mortality caused by EAB would not incur removal or replacement costs as would be the case with urban street trees, unless removal was part of a greater infestation control strategy.

In 2002, the TRCA Nursery program produced some 8,500 ash trees for planting which accounted for less than 5% of total all tree planting efforts for 2002. TRCA regeneration programs and planting partners utilize plant materials produced by the TRCA Nursery. All tree and shrub seed is collected locally and the plant materials grown are genetically adapted to the watershed and region. Moving or transporting EAB into our watershed through purchased ash species is therefore not an issue with TRCA Nursery stock. Currently, the TRCA Nursery has ash stock in seed beds, seedlings and small tree inventory that can supply bareroot ash trees, at current production levels, until 2006. A decision to terminate or reduce the propagation of ash tree species would affect revenues and budgeting relating to the TRCA Nursery program.

As a solution to the EAB threat, discontinuing the planting of ash species offers no practical solution to the real and larger problem being faced by the Authority. That being how, as a property owner and steward of public lands, will the TRCA manage the EAB on 6,000 ha (15,000 ac) of land.

Identification and confirmation of the presence of the pest would be the first step to developing a control strategy. The implementation of a comprehensive and formal forest pest monitoring program, that would monitor for the presence of EAB, as well as other important forest pests and diseases, would allow staff to identify problems and implement a control program if early detection of the pest were possible and effective control methods or strategies are developed. An important component of this program would be a field staff education program, Conservation Area staff would be able to recognize infected trees and confirm the presence of the EAB.

Secondly, efforts would be made to establish formal contacts between neighboring conservation authorities, municipalities and regions to share information, collectively monitor the status of the EAB and share pest management strategies.

FINANCIAL DETAILS

For the 2003 program year, preliminary costs for the development of a monitoring program would be funded through the existing TRCA Managed Forest Program. Based on the rate of spread of the EAB from the City of Windsor and Essex Region additional funding could be necessary to ensure effective monitoring and timely identification of a problem.

Report prepared by: Zoltan Kovacs, extension 5379
For Information contact: Zoltan Kovacs, extension 5379
Date: May 06, 2003