



Hamilton Conservation and Conservation Halton

# Erosion & Sediment Control Course

GTA Erosion and Sediment Control Guidelines for Urban Construction



## Hamilton/Halton Erosion and Sediment Control Workshop

The joint workshop being provided by Hamilton Conservation Authority and Conservation Halton is designed to provide information on the roles and responsibilities of contractors and regulatory agencies that operate in the Hamilton/Halton watersheds with regard to development and associated erosion and sediment control on construction sites — both large and small-scale. These activities can include building construction, pool installation, earth works, and slope and shoreline stabilization projects. Erosion and sediment control measures properly installed and maintained can help address the goals and objectives of all concerned to protect our water resources.

The workshop will be accredited and is proposed to run on an annual basis. Attendees will be provided a decal for their vehicles to show that they have taken the course and are familiar with the erosion and sediment control measures and the regulations that apply to their activities.

## Erosion and Sediment Control Guideline

A document entitled “Erosion and Sediment Control Guideline for Urban Construction” has been developed by Conservation Authorities and Provincial and Federal agencies for the Greater Golden Horseshoe Area (GGHA) to protect and preserve the water quality, aquatic and terrestrial habitats, and the form and function of our natural water resources. It includes best management practices from all erosion and sediment control guidelines currently applied within the GGHA with additional information from various sources. This guideline provides a consistent approach to erosion and sediment control (ESC) in the GGHA.



## Hamilton Harbour Remedial Action Plan

The Hamilton Harbour Remedial Action Plan is the communities plan to improve environmental conditions in Hamilton Harbour and the Cootes Paradise Marsh. Water quality improvement, sediment reduction and habitat enhancement are all critical to bringing nature back to the Bay.

## What is your responsibility as a Contractor?

As a contractor, it is your personal and corporate responsibility to ensure that you are in compliance with all applicable laws. This includes meeting the Province's safety standards for your vehicle as well as any federal, provincial, municipal, local conservation authority or other regulations associated with the excavating, hauling and disposal of various soils, aggregates or fill materials, grading, etc.

## Does the Land Owner have any responsibilities?

Yes, it is also the responsibility of the owner of the land where the work is taking place, to ensure that all municipal, provincial and federal laws are complied with as they apply to both public and **PRIVATE PROPERTY**. Any required permits or approvals must be in place **prior** to the hauling, dumping or disposal of the fill material, etc.

Failure to comply with the applicable laws could result in enforcement action being taken by one or more agencies, which could result in potential charges and serious penalties under the various pieces of legislation.

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### **Work in Regulated Areas administered by the Conservation Authorities:**

All works including projects on municipal and private property require a permit within areas that are regulated by a conservation authority.

### **Work in or around water:**

Work in or around water is heavily restricted and will likely require authorization from your local Conservation Authority and / or the federal Department of Fisheries and Oceans (DFO).

### **Conservation Authorities Act:**

Under Section 28 of the Conservation Authorities Act, each local Conservation Authority oversees a Provincial Regulation that regulates development, interference with wetlands and alterations to shorelines and watercourses (i.e. creeks and streams).

Development includes among other things, construction, filling, grading or site alteration. Areas regulated under Section 28 include valleys, ravines, creek systems, floodplains and shorelines, all watercourses and wetlands. A penalty of \$10,000 per offence per day, if work continues, and a court order for the total cost of the restoration of the site can be applied, with all costs the responsibility of the offender(s).

### **Federal Legislation:**

#### **Fisheries Act:**

Illegal dumping of materials into creeks, streams, wetlands and shoreline areas could affect fish habitat. Penalties could be as high as \$100,000 to \$500,000 daily and in some cases offenders could face imprisonment. Corporate officers and employees if found liable can be charged.

### **Provincial Legislation:**

All Provincial statutes and regulations are available via E-laws: [www.e-laws.gov.on.ca](http://www.e-laws.gov.on.ca).

### **Niagara Escarpment Planning and Development Act:**

A development permit is needed for all development including filling, grading and excavations, unless it is specifically exempted by Ontario Regulation 828/90 as amended.

### **Municipal Act and Bylaws:**

Site alteration permits may be required within municipalities that have a topsoil preservation or site alteration bylaw. Check with your local municipality. Penalties and fines may vary with each bylaw. (Section 429 of the Municipal Act generally permits fines up to \$100,000).



## **Erosion and Sediment Control Workshop Partners**

**Fisheries and Oceans Canada (DFO)**  
[www.dfo-mpo.gc.ca](http://www.dfo-mpo.gc.ca)

**Conservation Halton**  
[www.conservationhalton.on.ca](http://www.conservationhalton.on.ca)

**Hamilton Harbour Remedial Action Plan**  
[www.hamiltonharbour.ca/rap/](http://www.hamiltonharbour.ca/rap/)

**Conservation Ontario**  
[www.conservationontario.ca](http://www.conservationontario.ca)

**Hamilton Conservation Authority**  
[www.conservationhamilton.ca](http://www.conservationhamilton.ca)

**Landscape Ontario**  
[www.landscapeontario.com](http://www.landscapeontario.com)

**Hamilton/Halton Homebuilders Association**  
[www.hhhba.ca](http://www.hhhba.ca)

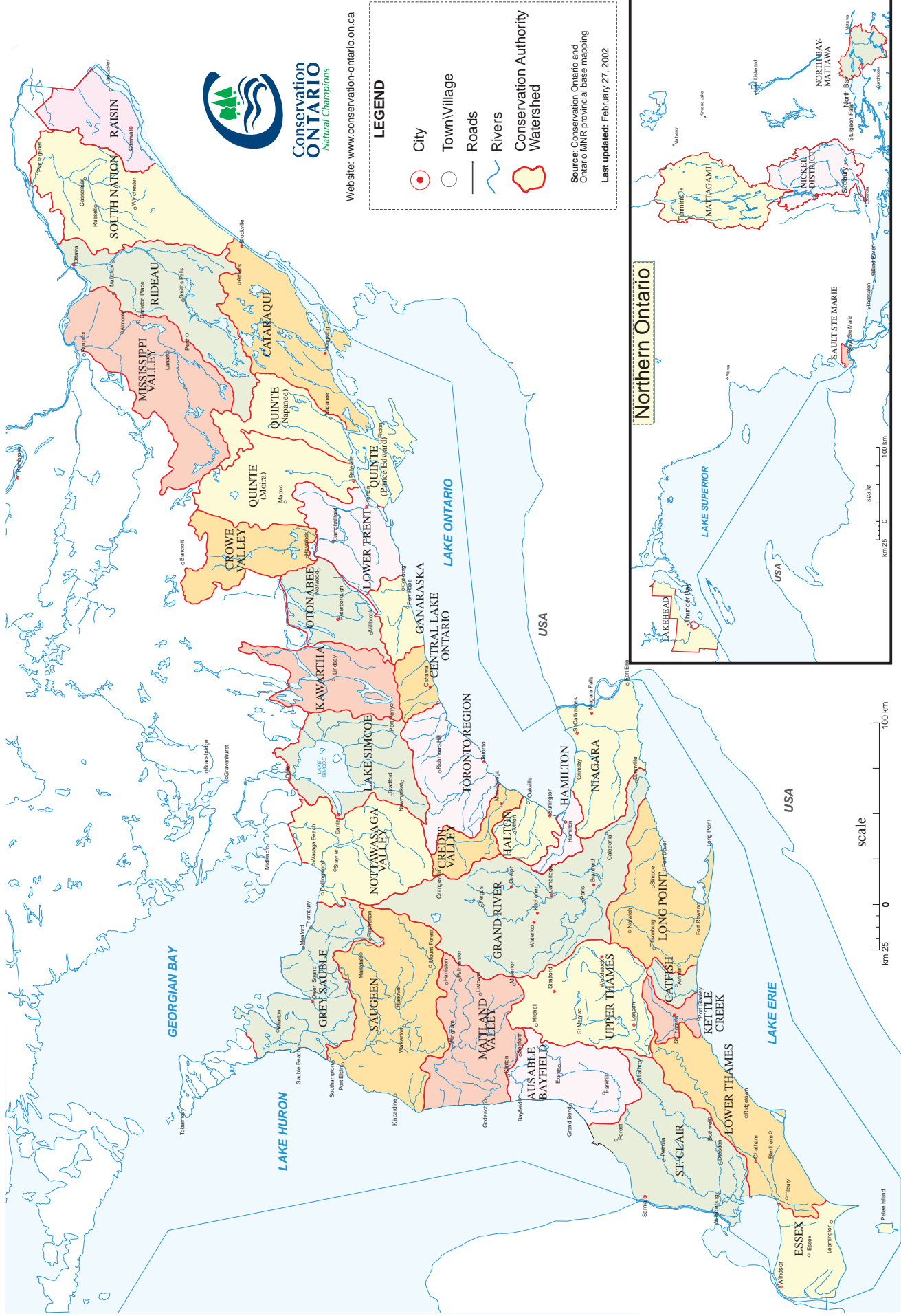
**TerraFix/Macaferri (suppliers)**

For more information on Conservation Authority regulations, development policies and to obtain application forms, please visit

[www.conservationhamilton.ca/environment/water/land\\_use.asp](http://www.conservationhamilton.ca/environment/water/land_use.asp)  
[www.conservationhalton.on.ca/ShowCategory.cfm?subCatID=895](http://www.conservationhalton.on.ca/ShowCategory.cfm?subCatID=895)



# Conservation Authorities of Ontario



# Erosion & Sediment Control Course

**Date: November 27, 2008 - 9:00 am to 5:00 pm**

Location: Landscape Ontario Horticultural Trades Association  
7856 Fifth Line South, RR 4, Milton, ON

**Fee: \$100/person**

Leading conservation groups have partnered with Landscape Ontario to offer this course to contractors in the landscape industry. Landscape Ontario and its members are committed to enhancing the environment, promoting green industry initiatives, and educating members. Participants will receive an inspection field guide, decals, diploma and other item discounts from suppliers.

## Agenda:

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|----------|---|
| 9:00 am  | Registration/Refreshments   |
| 9:30 am  | Welcome (Conservation Halton and Hamilton Conservation)   |
| 9:45 am  | Summary of the Fisheries Act (Department of Fisheries and Oceans)   |
| 10:00 am | Summary of the Conservation Authorities Act and Regulations   |
| 10:15 am | Presentation by the International Erosion Control Association (Local Chapter)   |
| 10:30 am | Erosion and Sediment Control Guideline for Urban Construction <ul style="list-style-type: none"><li>• Introduction</li><li>• Erosion and Sedimentation Processes</li><li>• Key Participants Roles and Responsibilities</li><li>• Environmental Management</li></ul> |
| Noon     | Lunch   |
| 12:45pm  | Erosion and Sediment Control Guideline for Urban Construction cont'd <ul style="list-style-type: none"><li>• Developing an effective ESC Plan</li><li>• Inspections and Performance Monitoring</li><li>• Case Studies</li></ul>                                     |
| 3:00pm   | Supplier Presentations - Terrafix and Maccaferri (products/advances)  |
| 3:30pm   | Wrap Up and Questions   |

## Course Partners:

HCA and CH, Conservation Ontario, Hamilton Harbour RAP, Landscape Ontario, Dept. of Fisheries and Oceans, Hamilton-Halton Homebuilders Association, International Erosion Control Association, Terrafix, Maccaferri



International Erosion Control Association



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