# **Working with Municipal Partners**

Integration and Implementation of Flood Plain Information

Presented by: Laurie Nelson, MCIP, RPP Interim Director, Policy Planning

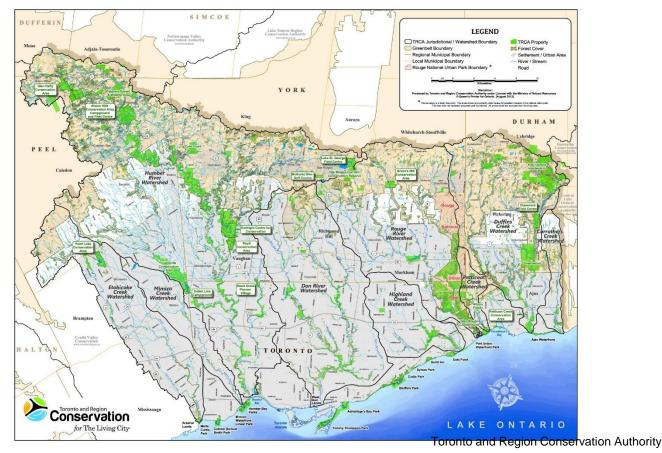


March 5, 2019

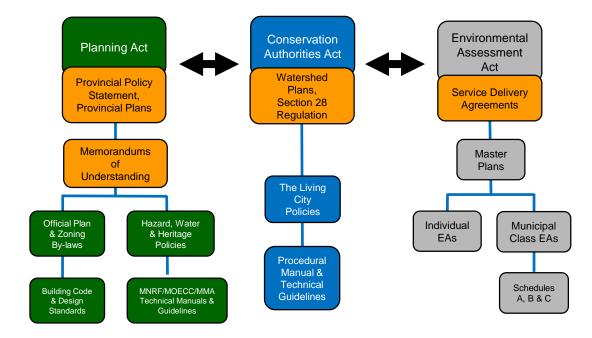
# Outline

- TRCA's Jurisdiction
- TRCA's Review Roles and Responsibilities
- Communication and Visualization Tools
- Flood Plain Management Policy Framework
- · Case Studies

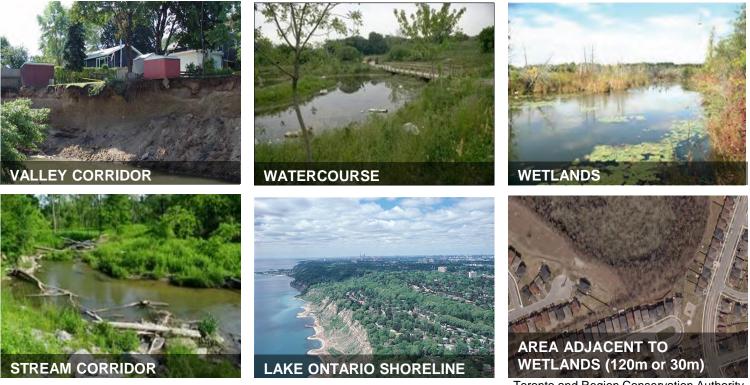
# **TRCA's Jurisdiction**



## **TRCA Plan Review Roles & Responsibilities**



## **Regulated Areas**



5

# **TRCA Regulation**

- Regulation tests: control of flooding, erosion, dynamic beaches, pollution or the conservation of land will not be affected
- CA Regulation is "applicable law" under *Building Code Act*
- Regulation requirements "flagged" in the Planning and Environmental Assessment processes



## **TRCA Comprehensive Regulation Mapping Update**

#### Webinar for municipal staff





#### Consultation website



#### Public drop-in sessions

#### NOTICE OF PUBLIC DROP-IN SESSIONS

The Toronto and Region Conservation Authority (TRCA) helps to protect natural areas and watercourses such as rivers, streams, flood plains, wetlands, steep slopes and the Lake Ontario shoreline. Through Ontario Regulation 166/06 under the Conservation Authorities Act, TRCA regulates construction, grading, alteration and development activities in and near these areas in order to reduce risk to people, property and the natural system

TRCA invites you to attend one of our public dron-in sessions to learn about undates to our regulation mapping. While our regulation remains the same, TRCA has updated the maps showing where the regulation applies to reflect the best available information

Each drop-in session will allow members of the public to view and provide comments on the updated mapping. You can also learn more about the areas regulated by TRCA and find out how

activities within those areas may require written approval from TRCA. TRCA staff will be able to look up your property and advise if it is within a TRCA regulated area.

#### For further information

- View our draft mapping at www.trca.ca/regulation-mapping-update
- · Attend one of the drop-in sessions below to discuss your property with TRCA staff directly Contact TRCA to ask a question or make a comment:
- o Frances Woo (416.661.6600 ext. 5364 or frances.woo@trca.on.ca) o Daniel Brent (416.661.6600 ext. 5774 or daniel.brent@trca.on.ca)

#### Dates and Locations (all sessions are 4:00pm to 8:00pm);

Tuesday, November 27, 2018 York Region Municipalities (Aurora, King, Markham, Richmond Hill, Vaughan, Whitchurch-Stouffville) Elgin West Community Centre, Palisade Room 11099 Bathurst Street, Richmond Hill

#### Thursday, November 29, 2018 Caledon, Mono, Adiala-Tosorontin

Wednesday, December 5, 2018 Caledon East Community Complex, Banquet Hall A Brampton and Mississauga

#### 6215 Old Church Road, Caledon Monday, December 3, 2018

City of Torente Scarborough Fixic Centre Committee Rooms 1 and 2 150 Barough Drive, Taronta Durham Region Municipalities (Ajax, Pickering, Uxbridge) Pickering Recreation Complex Arena O'Brien Room B 1867 Valley Farm Road, Pickering

Tuesday, December 4, 2018

Brampton Library, Chinguacousy Branch Meeting Room

TRCA Jurisdie

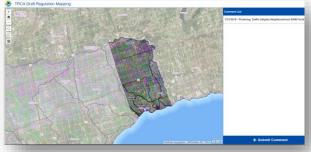
150 Central Park Drive, Brampton



#### Public online mapping viewer

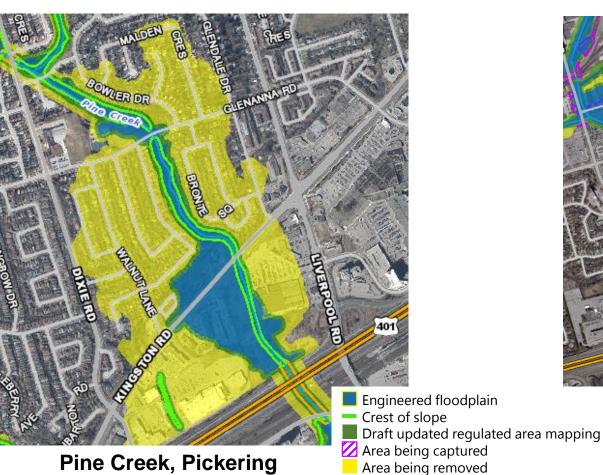


#### Public online commenting tool



Toronto and Region Conservation Authority 7

## **Flood Plain Mapping Updates**





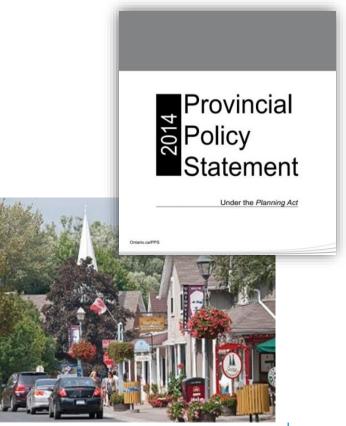
Highland Creek, Scarborough

# **Policy Framework for Managing Flood Plains**

### PPS, 3.1 Natural Hazards

Flood Plain Management Approaches

- One-Zone (primary; most restrictive)
- Two-Zone (exception; floodway-flood fringe)
- Special Policy Areas (unique circumstances):
  - historical communities in the flood plain
  - limited scope of development and redevelopment to allow for continued social and economic viability and revitalization
  - not intended for intensification
  - approved by Ministers of Municipal Affairs and Natural Resources and Forestry



# **Policy Framework for Managing Flood Plains**

## Municipalities

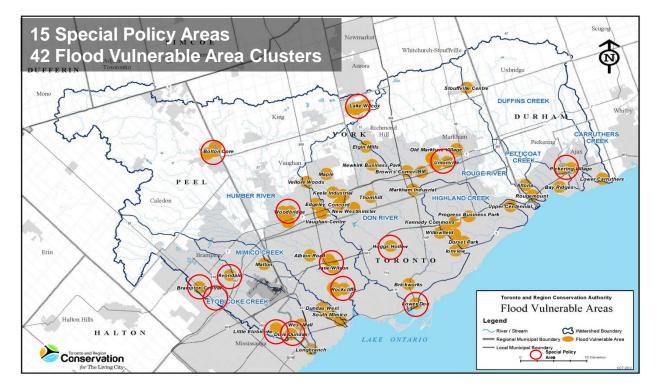
- Implemented through Official Plans and Zoning By-laws
- Policies tied to TRCA's roles and responsibilities
- Initiate comprehensive SPA reviews or amendments to SPA policies, boundaries or land use designations

### TRCA

- Delegated Provincial Interest Natural Hazards
- Public Commenting Body Planning Act, EA Act
- Regulator Permits under CA Act
- Service Provider MOUs
- Resource Management Agency
- Landowner



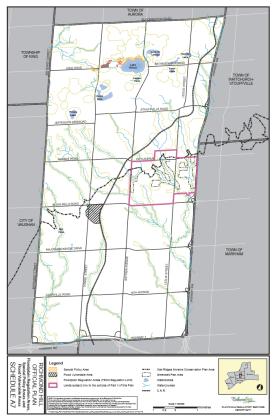
## **TRCA** Jurisdiction



# **Official Plan Schedules**

#### **Richmond Hill Official Plan**

Schedule showing Floodplain Regulation Areas, Special Policy Areas and Flood Vulnerable areas



## Black Creek Between Highway 7 and Highway 407



- Narrow linear corridor "ditched"
- Floodplain
- Erosion Hazards
- Failing Infrastructure
- Poor Aquatic and Terrestrial Habitat





# **Black Creek**

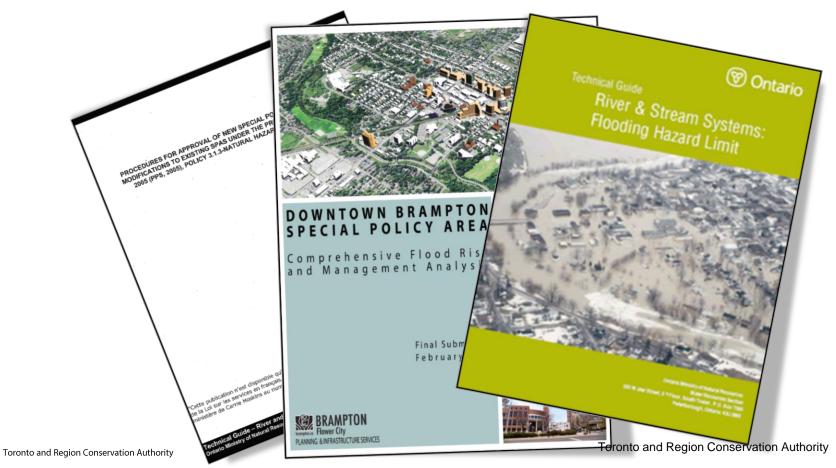


Vaughan Metropolitan Centre -Black Creek Renewal through Vaughan's New Downtown



Source: City of Vaughan

# **Special Policy Area Procedures**



## **Downtown Brampton Revitalization Studies**

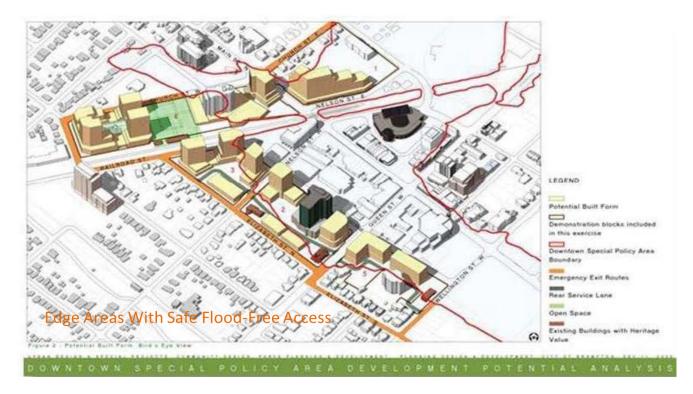


Strategic Redistribution of Permitted Development to Manage Flood Risk





# **Strategic Growth Redistribution**



# **Flood Emergency Response**



#### DOWNTOWN BRAMPTON SPECIAL POLICY AREA

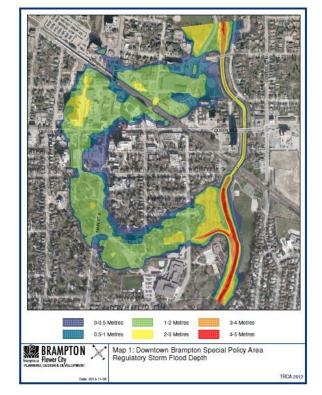
Comprehensive Flood Risk and Management Analysis

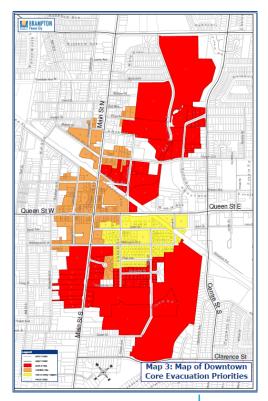


Final Submission February 2014









## **DOWNTOWN BRAMPTON FLOOD PROTECTION**

### **Environmental Assessment Project**

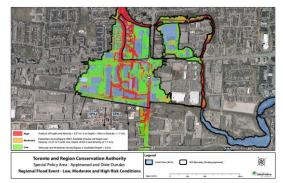


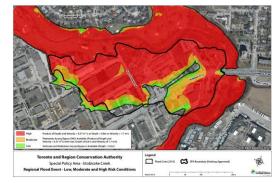






#### **COMPREHENSIVE SPECIAL POLICY AREA UPDATES**





# **Comprehensive and Collaborative**

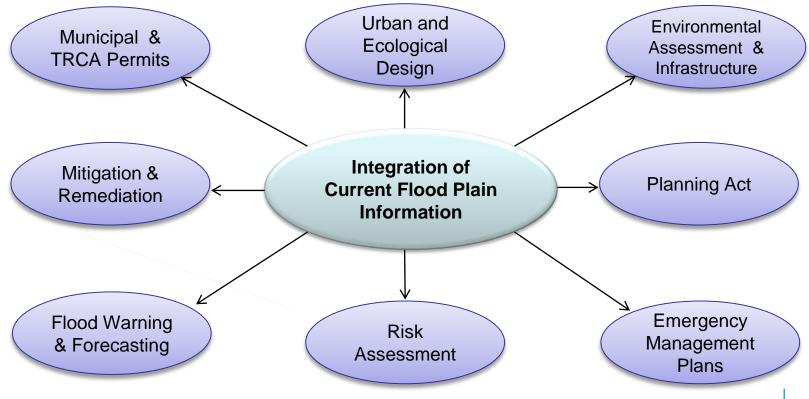
### **River Corridor Renewal**

- Flood Remediation
- Mitigate Access Risk
- Green Corridor
- Improved Water Quality
- Improved Habitat
- Recreation
- Climate Change Adaptation
- Opportunity for urban revitalization



### Lower Don Revitalization

# **More than Flood Plain Mapping**



## **Questions?**







www.trca.ca