

Working with Municipal Partners

Integration and Implementation of Flood Plain Information

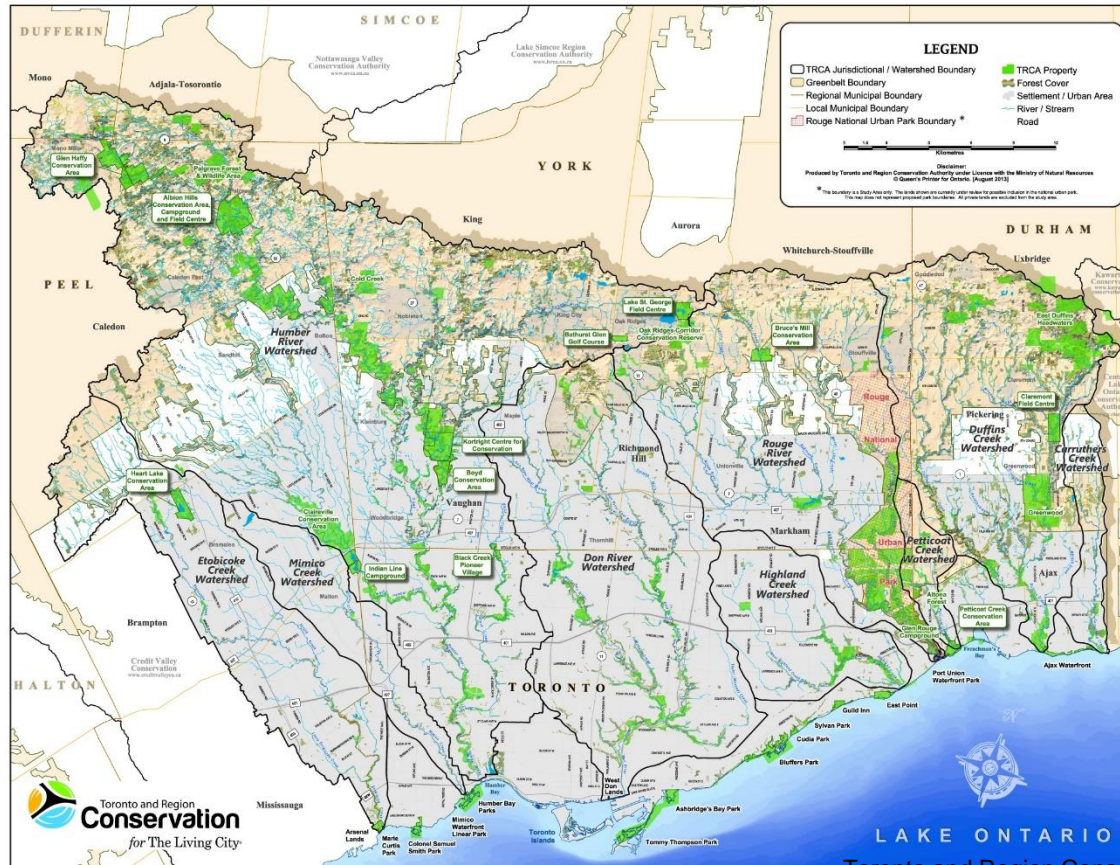
Presented by: Laurie Nelson, MCIP, RPP
Interim Director, Policy Planning

March 5, 2019

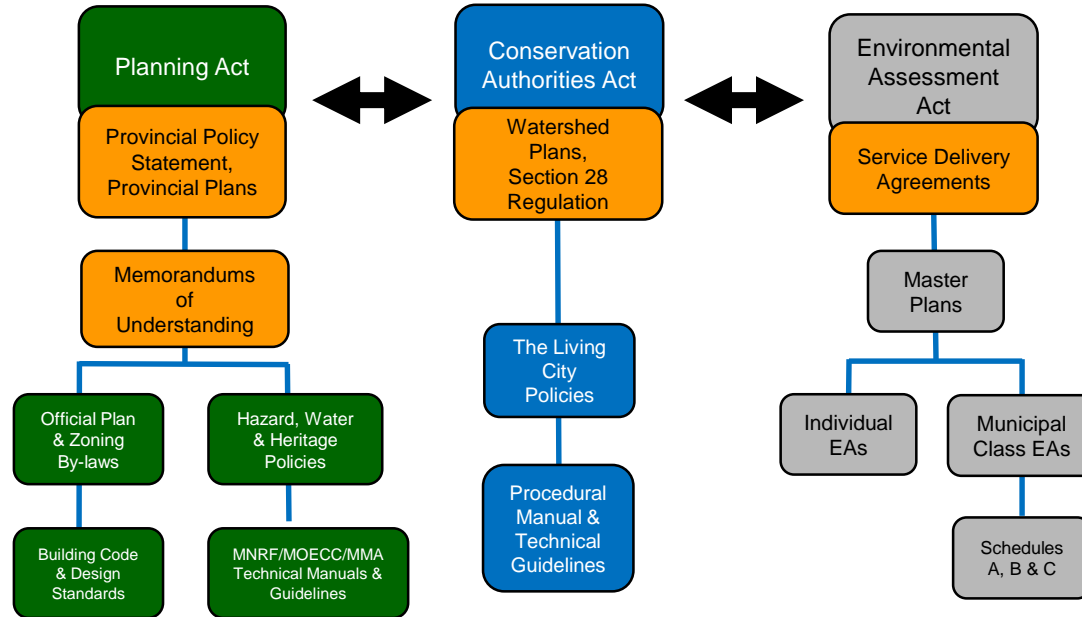
Outline

- 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

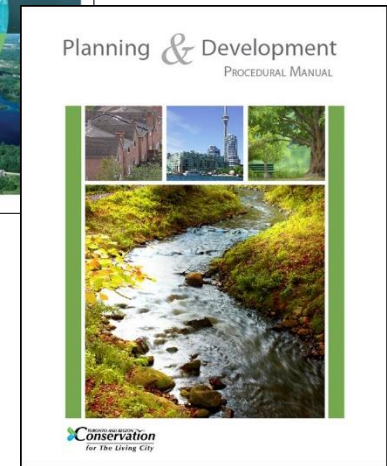


Regulated Areas



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

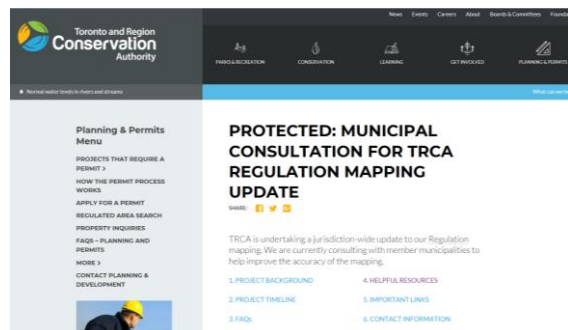


TRCA Comprehensive Regulation Mapping Update

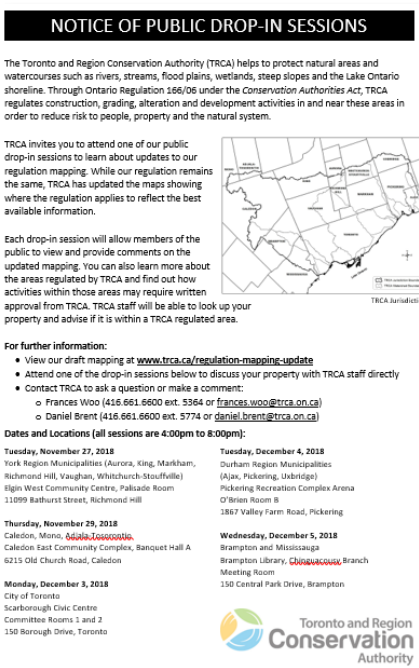
Webinar for municipal staff



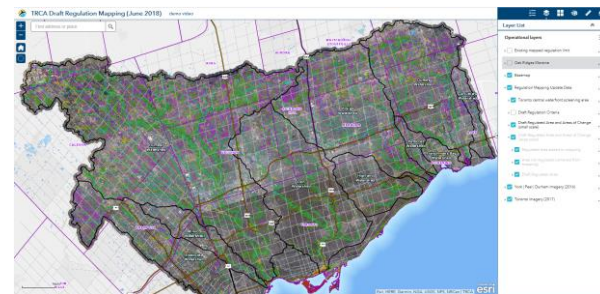
Consultation website



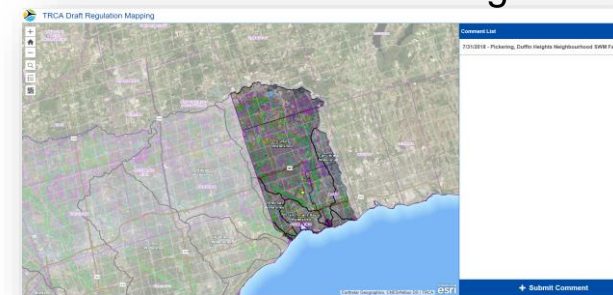
Public drop-in sessions



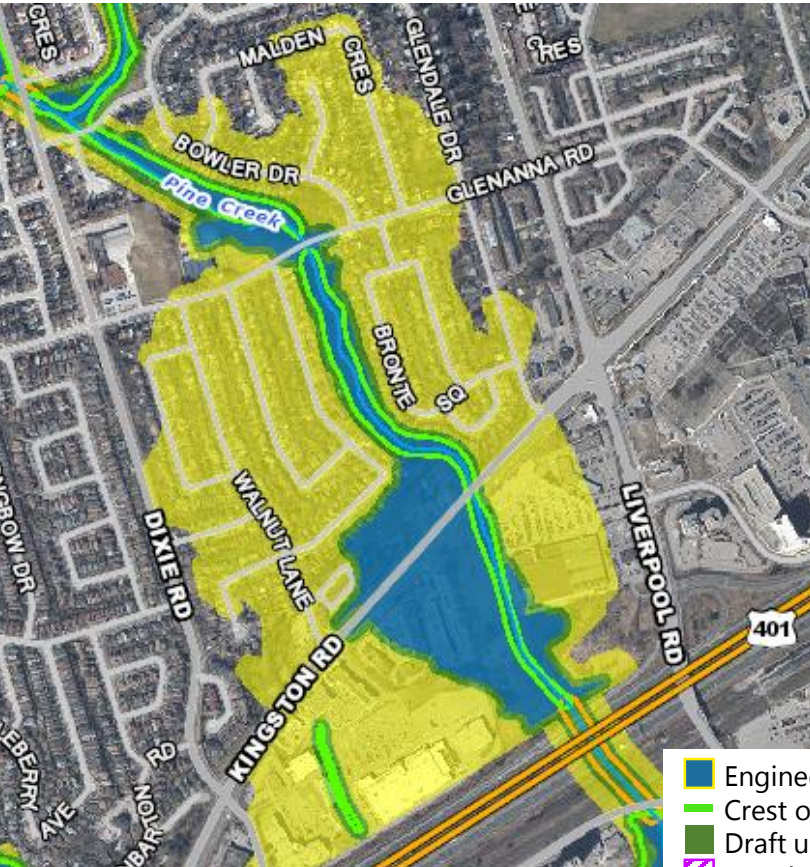
Public online mapping viewer



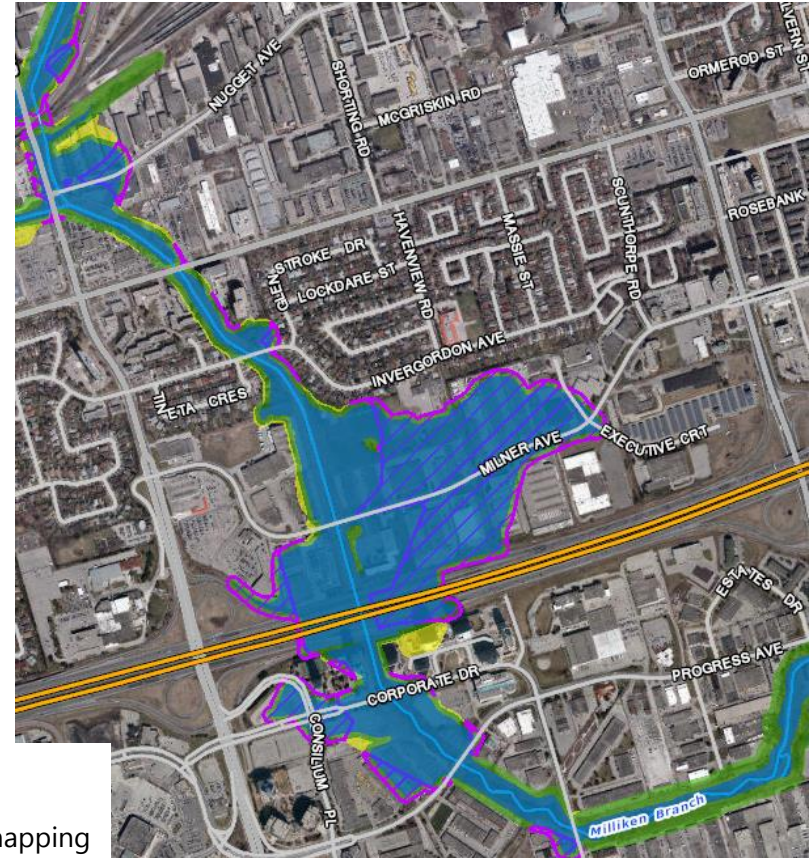
Public online commenting tool



Flood Plain Mapping Updates



Pine Creek, Pickering



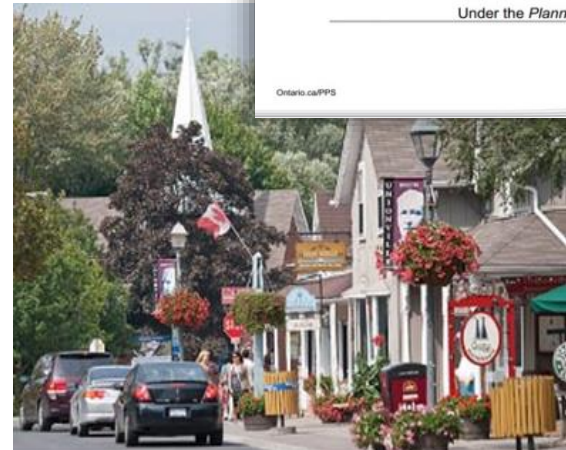
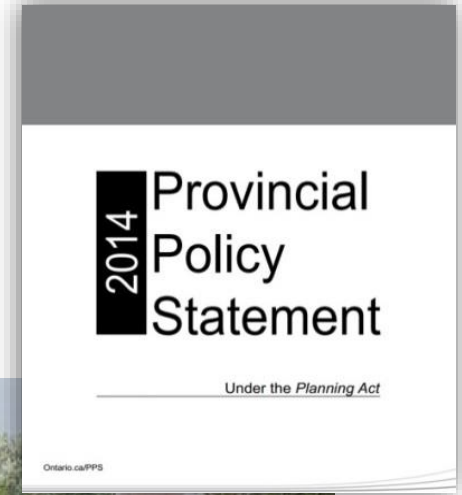
Highland Creek, Scarborough

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



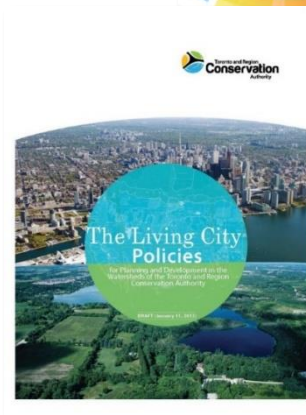
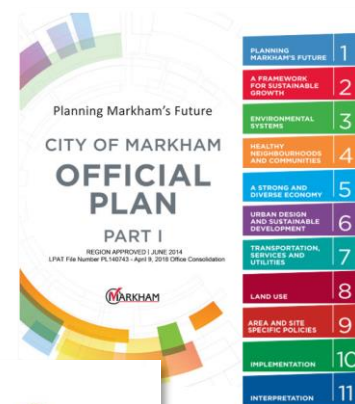
Policy Framework for Managing Flood Plains

Municipalities

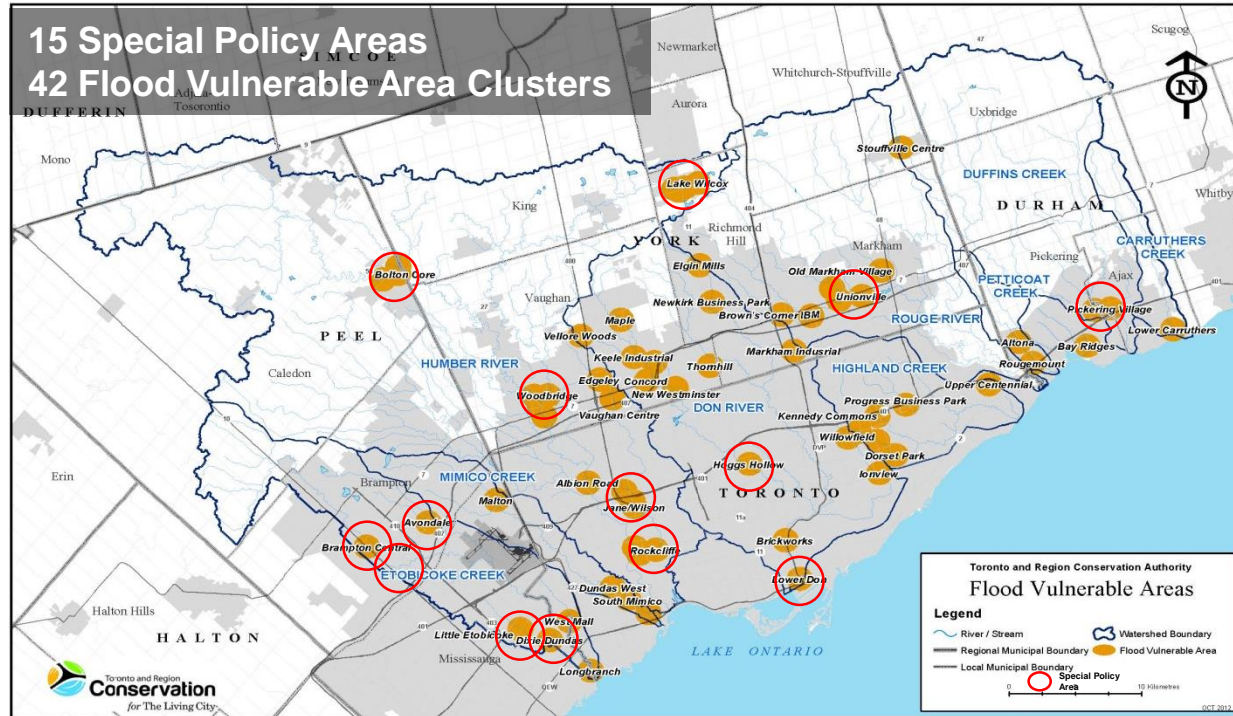
- Implemented through Official Plans and Zoning By-laws
- Policies tied to TRCA's roles and responsibilities
- Initiate comprehensive SPA reviews or amendments to SPA policies, boundaries or land use designations

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

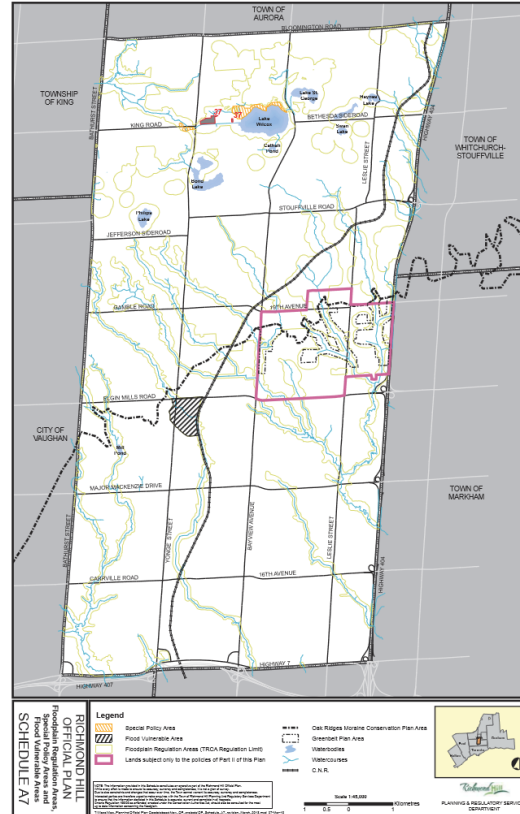


TRCA Jurisdiction



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



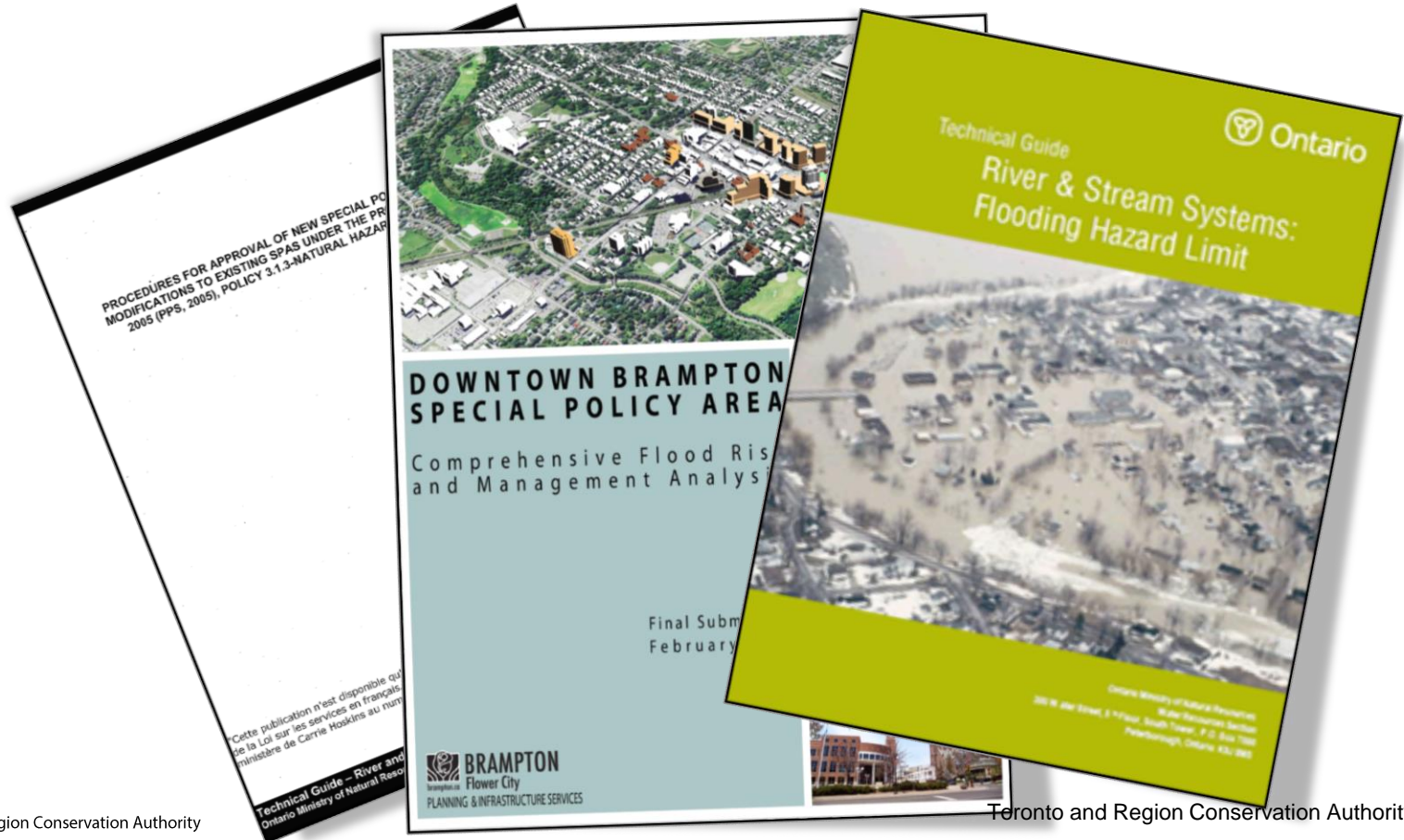
Black Creek

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

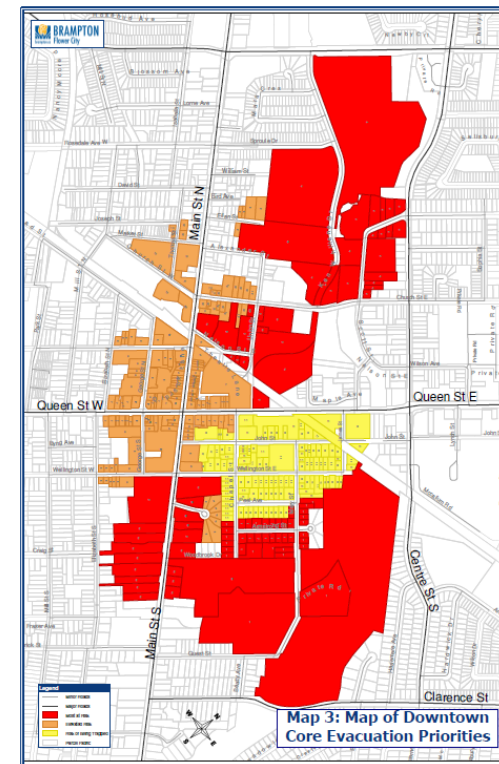
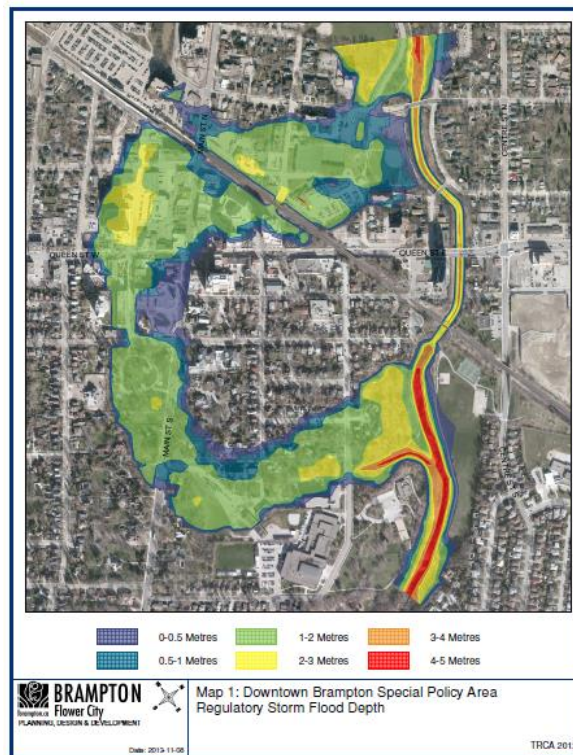


DOWNTOWN BRAMPTON SPECIAL POLICY AREA

Comprehensive Flood Risk
and Management Analysis

Final Submission
February 2014

BRAMPTON
Flower City
PLANNING & INFRASTRUCTURE SERVICES



DOWNTOWN BRAMPTON FLOOD PROTECTION

Environmental Assessment Project

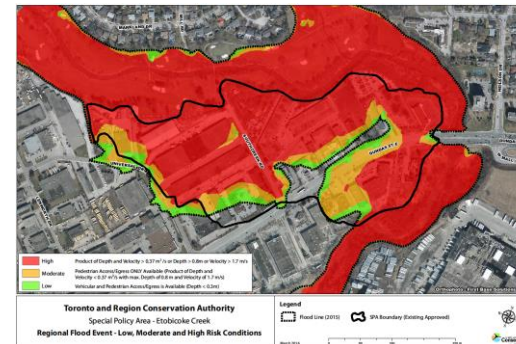
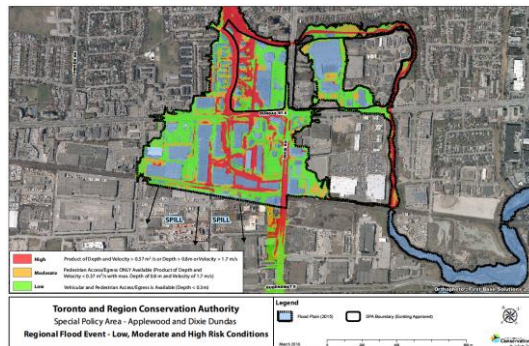


Source: Region of Peel Archives





COMPREHENSIVE SPECIAL POLICY AREA UPDATES



Comprehensive and Collaborative

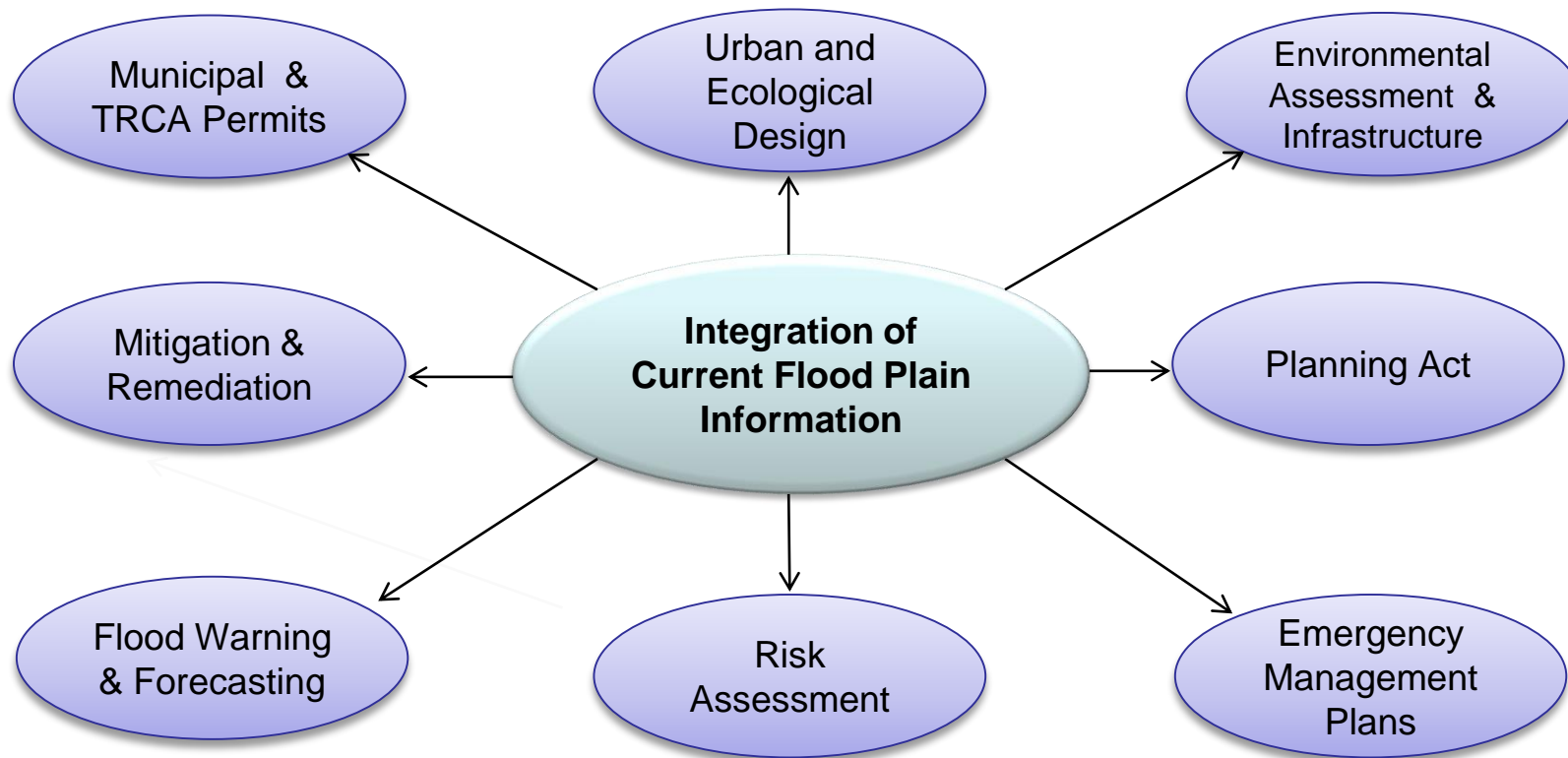
River Corridor Renewal

- 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