

# Peel2041+

Regional Official Plan Review  
and Municipal Comprehensive Review

## Water Resources Policy Review and Update

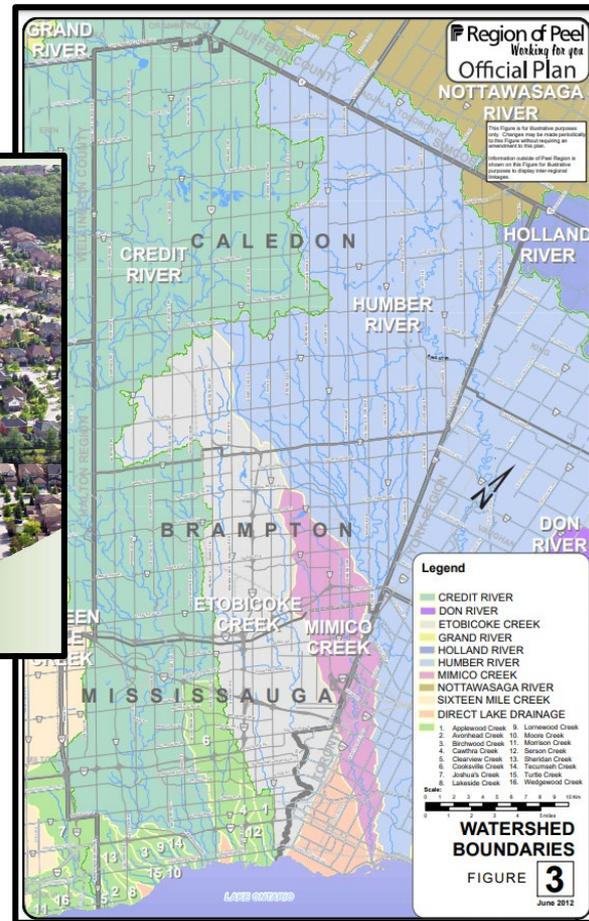
**Planning and Growth Management Committee, March 18, 2021**

Gail Anderson, MCIP RPP

Principal Planner

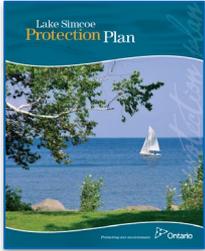


# Water Resources



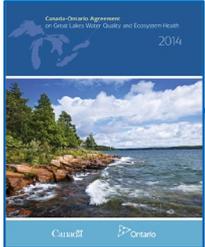


# Provincial Policy Drivers



## Lake Simcoe Protection Plan, 2012

- Improve water quality through infrastructure and land management best practices



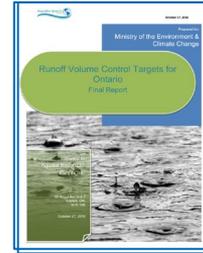
## Great Lakes Protection Act and Strategy, 2015

- Lake Ontario protection



## Source Water Protection Plans, 2015

- Protect sources of municipal drinking water



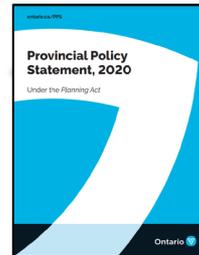
## Stormwater Management, 2016

- Low impact development guidance and stormwater control



## Growth Plan, 2019

- Identify a water resource system
- Undertake watershed scale planning

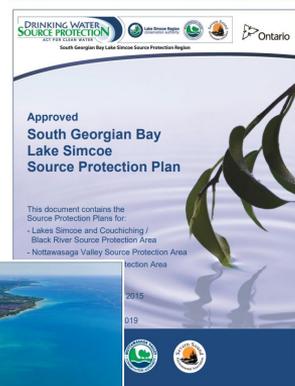
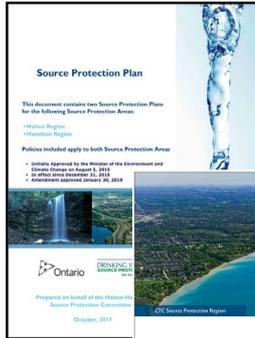


## Provincial Policy Statement, 2020

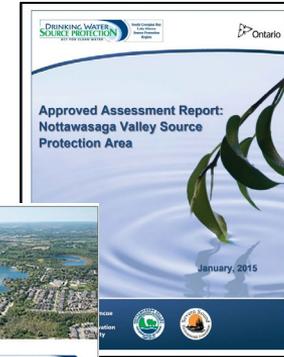
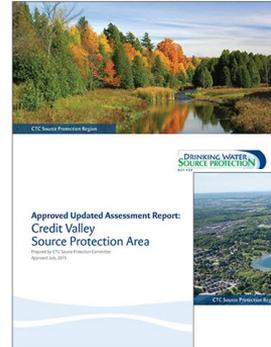
- Identify a water resource system
- Watershed Planning
- Promote green infrastructure
- Manage stormwater effectively



# Provincial Policy Drivers: Source Water Protection



Source Protection Plans establish policy direction, including land use policies. Municipalities are required to address these policies in Official Plans.



Assessment Reports provide the technical background and direction for developing the policies and mapping.



# Public and Stakeholder Engagement

**Peel2041**  
Regional Official Plan Review

**Protecting Water Resources:  
Roles and Responsibilities**  
Peel 2041 Discussion Paper  
November 2018



**Peel2041**  
Regional Official Plan Review

**Protecting Water Resources:  
Policy Options**  
Peel 2041 Discussion Paper  
November 2018



**Peel2041**  
Regional Official Plan Review

**Protecting Water Resources:  
Source Protection Plan  
Implementation**  
Peel 2041 Discussion Paper  
November 2019

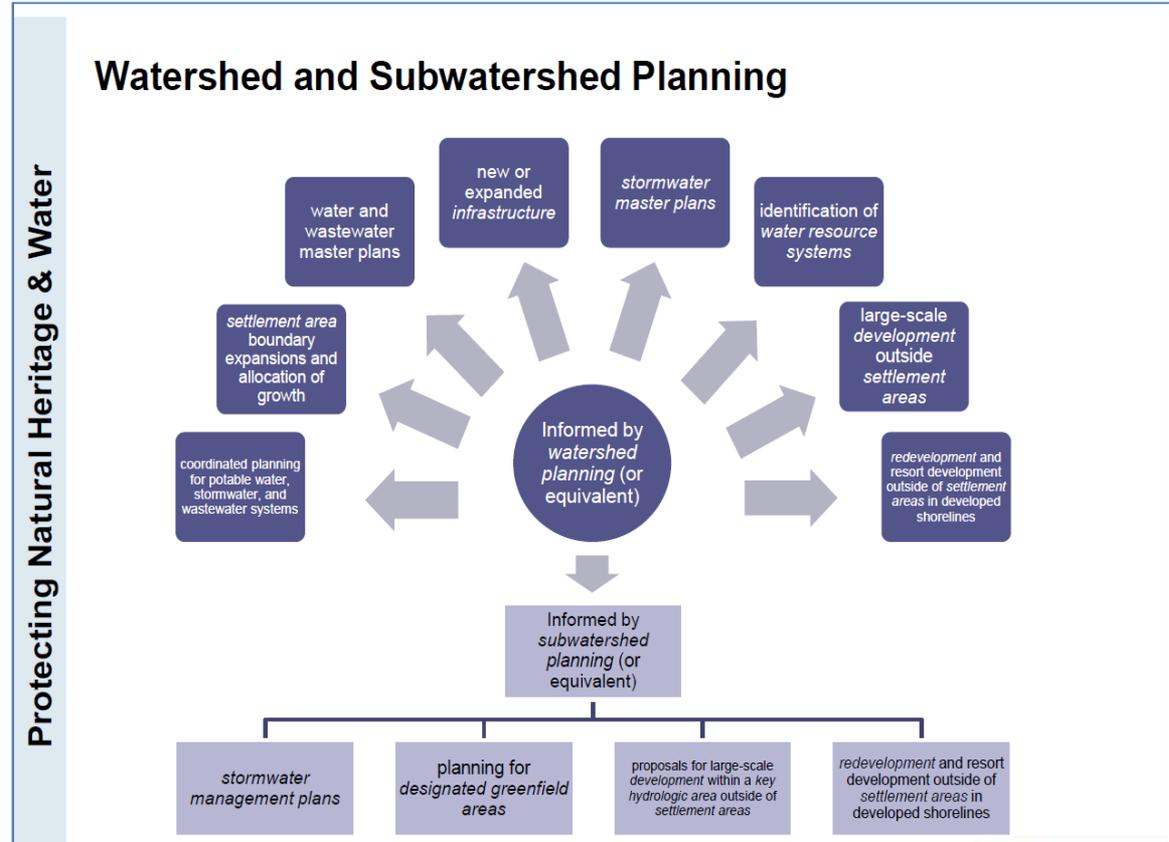




# Watershed Planning and Management

## Revised Official Plan s.2.2.5 Water Resources System and s.2.2.6 Watersheds

- Identify and protect a water resources system
- Support the preparation and implementation of watershed & subwatershed plans
- Protect water resources based on studies

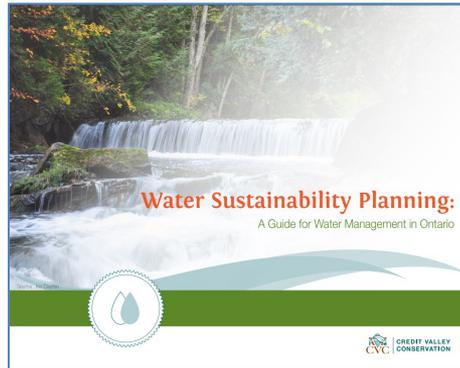
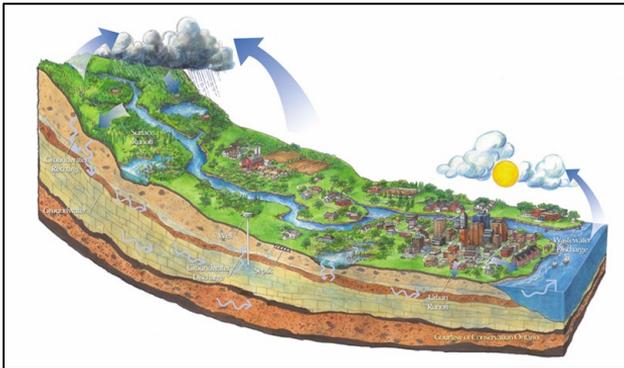




# Stormwater Management and Green Infrastructure

## New Official Plan s.2.2.7 Stormwater Management

- Watershed approach to manage stormwater
- Require stormwater master plans and management plans
- Provide guidance on the content of stormwater master plans
- Encourage the use of stormwater management best practices to maintain the natural hydrologic cycle, prevent increased flooding risk, replenish ground water resources and protect, improve or restore water quality





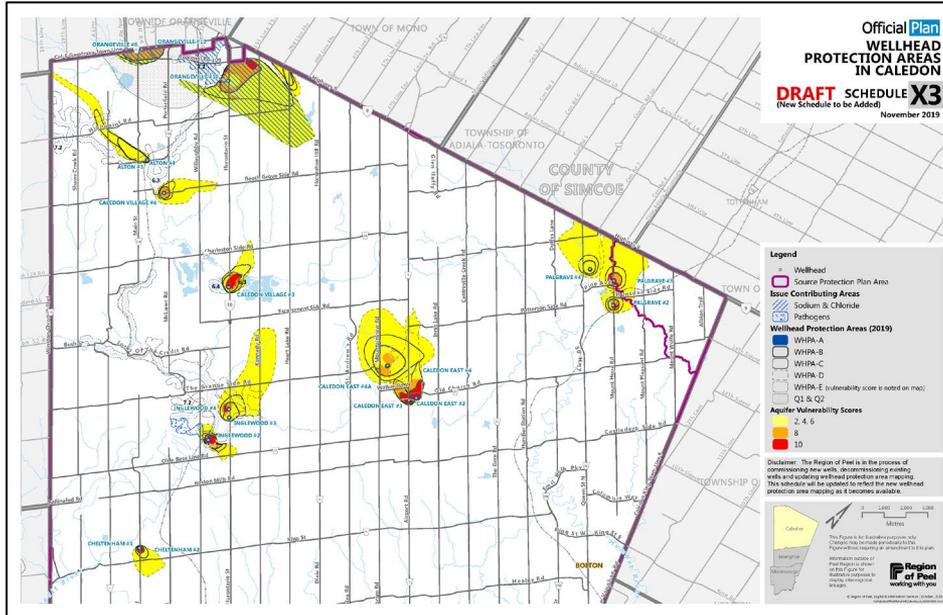
# Source Water Protection

## New Regional Official Plan s.2.2.8

- Identify vulnerable areas including
  - Wellhead protection areas
  - Highly vulnerable areas
  - Intake protection zones
  - Significant ground water recharge areas
  - Issue contributing areas
- Restrict incompatible land uses and significant drinking water threats.

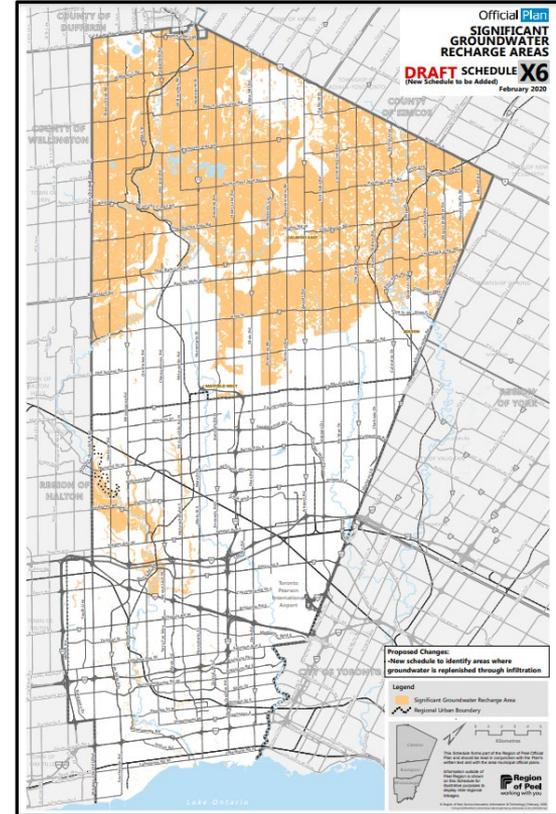
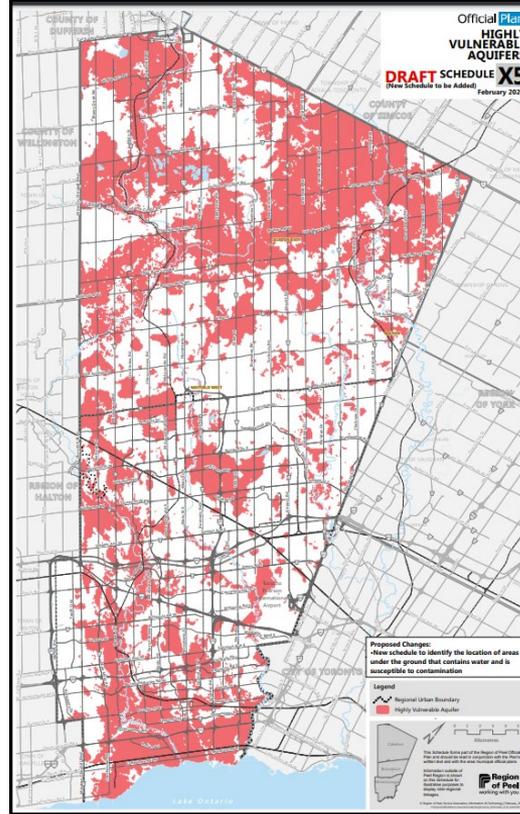
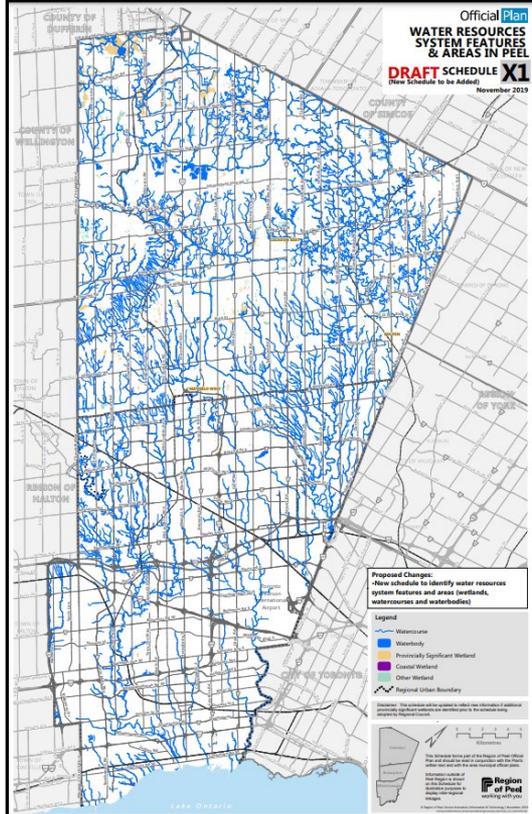


# Proposed Mapping – Wellhead Protection Areas and Intake Protection Zones





# Proposed Mapping – Water Resources System, Highly Vulnerable Aquifers and Significant Groundwater Recharge Areas





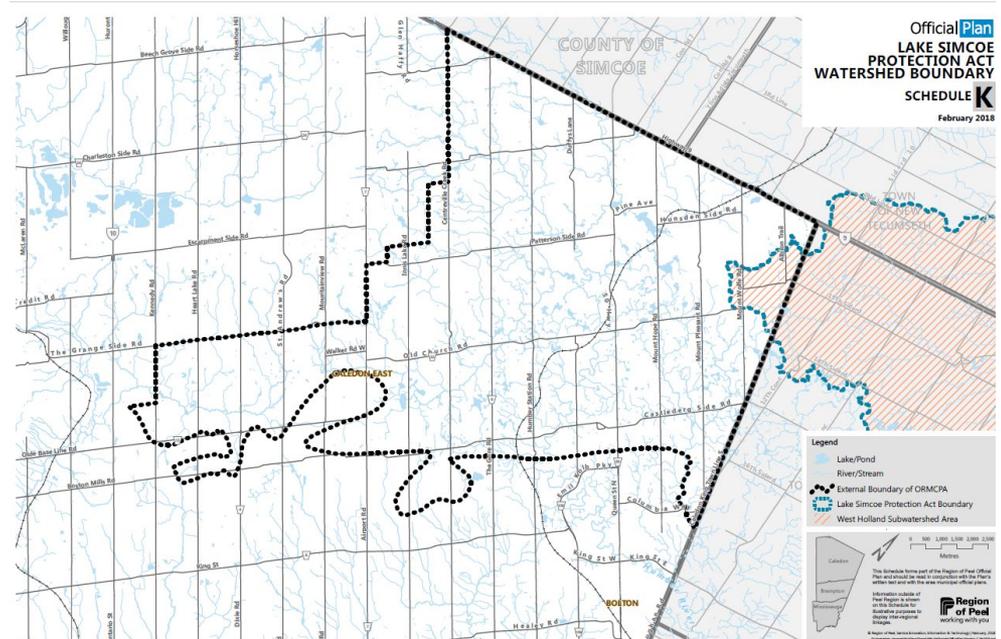
# Other Amendments

## Updated Lake Ontario Policies s.2.2.9

- Update the references to the strategies which protect the health of Lake Ontario

## New Lake Simcoe Policies s.2.2.10

- Reference the relevant policies from the Lake Simcoe Protection Plan.



# Next Steps/Questions?

---



- Minor revisions to the overall policies, with the objective of finalizing the draft policies by spring/summer 2021.
- Continued informal stakeholder engagement and consultation.
- Formal consultations, as required under the Planning Act, on the proposed policies.

Contact info:

Gail Anderson

Regional Planning and Growth Management Division

[gail.anderson@peelregion.ca](mailto:gail.anderson@peelregion.ca)