

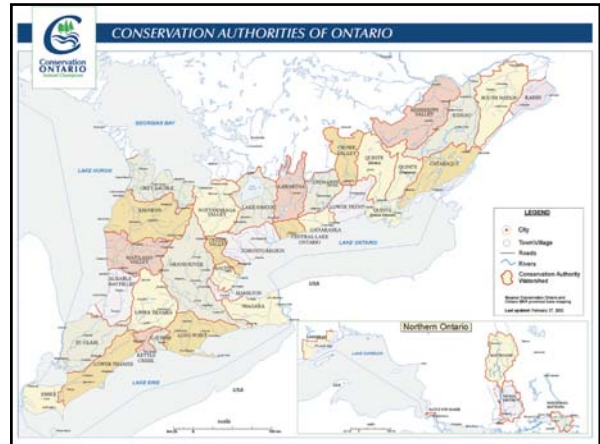


SOURCE WATER PROTECTION

Federation of Northern Ontario Municipalities
May 12, 2005

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Chair, Conservation Ontario





SOURCE WATER PROTECTION


WHAT NEEDS TO BE DONE AND WHY?

- Safeguard human health
- More cost effective
- Ensure enough safe, clean water for all our uses

SOURCE WATER PROTECTION

Goal of Source Water Protection


- Protect current and future sources of drinking water from potential contamination and depletion.
- Multi-barrier approach – first barrier



SOURCE WATER PROTECTION

SOURCE WATER PROTECTION BEGINS WITH PLANNING


The plans represent an agreement among the people and municipalities of a watershed about the ways to protect water quality and quantity.



SOURCE WATER PROTECTION

SOURCE WATER PROTECTION IN ONTARIO

- Water flows across traditional boundaries
- The best way to protect water is using a watershed approach



SOURCE WATER PROTECTION

Conservation Authorities

- Watershed-based
- Manage natural resources
- Work in partnership

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INVOLVING THE PUBLIC

- Input
- Feedback
- Clear & Concise Communication

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HOW DO WE DEVELOP THE PLANS?

1. Assemble and collect data
2. Set up proposed SWPP committees
4. Review scientific data
5. Identify threats and options
6. Develop a plan of action
7. Municipal/public consultations
8. Finalization & approval of the plan

SOURCE WATER PROTECTION

PROPOSED GOVERNANCE APPROACH

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    graph TD
      MOE[MOE] <--> SWPPB[Source Water Protection Planning Boards]
      SWPPB <--> SWPPC[Source Water Protection Planning Committee (SWPPC)]
      SWPPC <--> TS[Technical Support]
      TS --- TS_Text["(Provincial, Municipal and CA staff plus other experts)"]
      TS --- MS[Multiple sectors]
  
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SOURCE WATER PROTECTION



Many CAs & Municipalities already conducting studies needed for source water protection

- ✓ Groundwater studies
- ✓ Water quality analysis
- ✓ Wellhead protection

SOURCE WATER PROTECTION

How do we make sure that water is clean as it enters the ground or river?

SOURCE WATER PROTECTION

Source water protection plan will become the one of the guides to urban and rural development.

- Protects health
- Is sustainable
- Is environmentally responsible

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Who does what

<p>PROVINCE:</p> <ul style="list-style-type: none"> • Legislation & standards • Research/Science • Audit • Current regulatory roles • Funding mechanisms 	<p>CONSERVATION AUTHORITY:</p> <ul style="list-style-type: none"> • Coordinate plan development & bring stakeholders together • Maintain plan, monitor, report progress • Provide technical info/advice to municipal & provincial agencies • Education 	<p>MUNICIPALITY:</p> <ul style="list-style-type: none"> • Growth strategies, water/wastewater infrastructure plans • Land use planning/zoning, licencing of onsite activities • Wellhead protection programs
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SOURCE WATER PROTECTION



\$\$ Funding SWP

- Province funding plan development
- \$12.5 initial funding for CAs & Municipalities
- 2005 Technical studies & research

SOURCE WATER PROTECTION



FACTORS FOR SUCCESS

- Approval of Legislation and preparation of regulations
- Stakeholders involvement – the plan belongs to them
- Reliable technical information
- Local (watershed) leadership support

