

## Lakehead Source Protection Area Fact Sheet

### History of Source Protection Planning

#### 2005

- Conservation Authorities were contracted by the Ontario Ministry of the Environment (MOE) and Ontario Ministry of Natural Resources (MNR) to facilitate and coordinate Source Water Protection Planning. The process is fully funded (100%) by the Provincial Government.
- LRCA started in **mid-2005** with Memorandum of Agreements (MOA) #1 and #2 with MOE/MNR.

#### 2006 – 2008

- LRCA entered into agreement with Ontario Government beginning in 2005. Guaranteed funding until **March 31, 2009**.
- July 3, 2007- The “Clean Water Act, 2006” was proclaimed (enacted) and passed into law. Five (5) Regulations were enacted. On this date the Conservation Authority Board, also became the Source Protection Authority Board, for the purposes of Drinking Water Source Protection Planning,

### Deliverables

Technical Studies and Reports are prepared to support the work of the Source Protection Committee. The Source Protection Committee will utilize these scientific reports to guide the development of the Assessment Report and Source Protection Plan for the Lakehead Source Protection Area.

**Watershed Characterization Report** completed March 2008. This report is a documentation of the water resources within the boundaries of the Lakehead Source Protection Area. Included is scientific data, historical accounts, background information and maps that define the geography, geology, hydrology, and socio- economic makeup of the watershed.

**Water Budget**, which is expected to be completed July 2008, provides a description and calculation of the water available within the watershed. It also shows how the water moves through the lakes, streams and underground aquifers within the watershed. It considers all of the activities that require water for people and the environment, both now and in the future.

**Technical Studies** – The Ministry of the Environment has provided additional funding to Municipalities and Conservation Authorities to identify existing and potential threats to wellheads and intakes from which Municipal residential drinking water systems draw their water.

Current Studies underway in the Lakehead Source Protection Area:

- **Bare Point Intake Protection Zone (IPZ) Study** Phase 1 – 2006-07, Phase 2 – 2007-08. The City of Thunder Bay is overseeing the IPZ Study for the Municipal residential drinking water supply from Lake Superior at Bare Point. The study was started in April 2006 and is expected to be completed in September 2008.
- **Rosslyn Village Wellhead Protection Area Study** – The Rosslyn Village Municipal residential drinking water supply study was started in June 2007. The Lakehead Region Conservation Authority in partnership with the Municipality of Oliver Paipoonge contracted a consultant to complete the analysis of the ground water system and produce a Report by end of July 2008.

**Stakeholder and Public Outreach**

- Developed Industrial DVD on Watershed Management, brochures, posters and display materials, website postings – ongoing as project evolves.
- Ongoing Municipal Council and Staff visits.
- Monthly Municipal newsletter submissions.
- Participate in local stakeholder events and tradeshow as the events arise.

**Ontario Regulation 288/07 Source Protection Committees**

The Source Protection Committee (SPC) Ontario Regulation 288/07 became law on July 3, 2007. As stated in the SPC Regulation, the Lakehead Source Protection Committee will consist of nine (9) members plus a Chair and a seat reserved for a First Nation Representative from Fort William First Nation.

**Role of Source Protection Committee**

- The role of the Source Protection Committee (SPC) is to develop a Source Protection Plan that protects sources of Municipal drinking water within the Lakehead Source Protection Area.
- A Terms of Reference, Assessment Report and Source Protection Plan for the Lakehead Source Protection Area will be created.

<b>BOARD</b>	<b>ROLE</b>
<b>Conservation Authority</b>	<ul style="list-style-type: none"> <li>• CA liable for SPA actions.</li> <li>• CA responsible for SWP financials.</li> <li>• Employ and manage Staff of SWP program.</li> <li>• Continue to receive and manage provincial funds.</li> </ul>
<b>Source Protection Authority</b>	<ul style="list-style-type: none"> <li>• Submitted Chair nominations to Minister.</li> <li>• Determine structure of and form the SPC.</li> <li>• Receive and forward planning documents to Ministry of Environment (MOE) on behalf of SPC.</li> <li>• Receive progress reports from the Source Protection Committee (SPC) Chair. (quarterly basis)</li> <li>• Approves SPC Rules of Operation and Conduct.</li> <li>• Undertake associated communications and consultation functions as specified in the Act and Regulations.</li> </ul>