

SOURCE PROTECTION COMMITTEE CHAIR'S QUARTERLY REPORT

December 1, 2010

Submitted to: Crowe Valley Source Protection Authority
Ganaraska Region Source Protection Authority
Kawartha-Haliburton Source Protection Authority
Lower Trent Source Protection Authority (lead)
Otonabee-Peterborough Source Protection Authority

Submitted by: Jim Hunt, Chair, Trent Conservation Coalition Source Protection Committee

In the last quarter, the Source Protection Committee (SPC) completed and submitted its proposed Assessment Reports entitled:

- *Proposed* Trent Assessment Report (for the Crowe Valley, Kawartha-Haliburton, Lower Trent, and Otonabee-Peterborough Source Protection Areas)
- *Proposed* Ganaraska Assessment Report (for the Ganaraska Region Source Protection Area)

The Proposed Assessment Reports were submitted to the five Source Protection Authorities and posted on our website (www.trentsourceprotection.on.ca) for a 30 day public consultation period on September 10th, 2010. Comments were received until October 12th, 2010 to allow for the weekend and statutory holiday. Five comments were received during the consultation period, most (4) of which pertained to the Otonabee-Peterborough Source Protection Area. These comments, together with two copies of both Proposed Assessment Reports, and the Consultation Record were forwarded to the Director of the Source Protection Program Branch on October 28th, 2010.

A Drinking Water Stewardship Program (DWSP) application was submitted in late September for the TCC jurisdiction. This phase of the DWSP is referred to as Early Response, and is primarily to address significant threats. A TCC DWSP Ad-hoc Review Committee, consisting of CA staff and SPC members helped finalize the application. In addition to this application, four municipalities have submitted applications for Land Acquisition including Colborne, Orono, Crystal Springs, and Creighton Heights.

Some data gaps in the Proposed Assessment Reports needs to be addressed before the Source Protection Plans are prepared. The Trent Conservation Coalition (TCC) SPC will be submitting Updated Assessment Reports to the Ministry of the Environment in June 2011. Technical work for inclusion in the Updated Assessment Reports is proceeding with most of the studies being completed by January 31st, 2011 (see Table 1).

With the Proposed Assessment Reports having been submitted, the SPC will be working closely with the TCC's five municipal working groups to prepare proposed policies to address significant and potentially significant drinking water threats. The Committee is in the process of developing a workplan for the preparation of the source protection plans. A major component of this workplan is the legislated requirement for consultation. To assist in the preparation of this workplan, a municipal forum has been organized for December 2nd, 2010 to engage municipalities in the TCC jurisdiction. It is anticipated that this forum will help inform the SPC of the best methods by which to engage our municipal stakeholders in the planning phase of the source protection program.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jim Hunt". The signature is stylized with a large, sweeping initial "J" and a horizontal line extending to the right.

Jim Hunt, Chair



TABLE 1: TRENT CONSERVATION COALITION SOURCE PROTECTION REGION – WORK PLAN FOR UPDATED ASSESSMENT REPORTS

TASK	RATIONALE	DESCRIPTION	SPA	START DATE	END DATE
Revise Vulnerability, Issues and Threats for Lutterworth Pines Groundwater Municipal Drinking Water System	-New drinking water system in place	-Delineate new WHPA using MODFLOW -Assign vulnerability scores -Undertake Peer Review -Review available data for drinking water issues -Enumerate significant threats	Kawartha-Haliburton	Aug 2010	Dec 31 2010
Revise Vulnerability, Issues and Threats for Trenton Surface Water Municipal Drinking Water System	-Advised by municipality that Batawa system, which is upstream of Trenton, is being taken off line	-Re-evaluate Trenton IPZ-2 /3 (extending the zones to Frankford) -Re-assess the vulnerability scores for Trenton IPZ-2/3 -Re-assess the threats assessment for the Trenton intake	Lower Trent	Sept 2010	Nov 15 2010
Revise Tier 2 Water Budget for Havelock (Crowe 4)	-To incorporate a recently initiated large water taking	- Re-evaluate six scenarios (A,B, D, E, G, H) set out in Table 1 of the Technical Rules (relating to present and future conditions) taking into consideration new information related to water takings in the subwatershed. amount of consumptive water takings	Crowe Valley	Sept 2010	Nov 15 2010

Incorporate storm sewershed time of travel in IPZ-2 delineations and re-assess threats	-To satisfy Provincial requirements - Technical Rule 65(2)	-Review and revise, where necessary, the extent of IPZ-2s previously delineated by XCG for the Trent Conservation Coalition, taking into account the travel time in the sewershed for the following intakes: Fenelon Falls, Lindsay, Peterborough, Campbellford, and Trenton, Newcastle, Port Hope and Cobourg. -Re-assess the significant threat counts	All - except Crowe Valley	Sept 2010	Jan 31 2010
Incorporate additional information provided by the Lake Ontario Collaborative for Lake Ontario intakes	Lake Ontario Collaborative work still underway	-Incorporate applicable results from any additional IPZ-3 modelling for Lake Ontario including corresponding threats assessment -incorporate findings from any additional issues evaluation for Lake Ontario intakes	Ganaraska Region	On-going	Jan 31 2010
Update Significant Groundwater Recharge Areas for Brighton (Lake Ontario-1), Colborne (Lake Ontario-3) and Havelock (Crowe-4) subwatersheds	-To satisfy Provincial requirements (Technical Rules)	-Delineate Tier 2 level SGRAs using spatially distributed recharge values obtained from the Tier 2 water budget analysis as per Technical Rule 44(1) (areas have in recharge greater or equal to 55% of the subwatershed averaged recharge.)	Lower Trent, Crowe Valley	Sept 2010	Dec 15 2010
SGRA/HVA Edge-mapping (where possible)	-As per Terms of Reference	-Combination of consultant review and staff review with neighbouring SPRs	All - except Otonabee-Peterborough	Oct 2010	Nov 30 2010
Re-assess aluminum for Norland to determine if is an issue	-Municipality has been collecting additional data and should have sufficient by the end of the year for analysis	-Review data being collected by Municipality in conjunction with previous data for trends/exceedances -Confirm source (anthropogenic/natural)	Kawartha-Haliburton	Spring 2010	Feb 28 2011

<p>*Other Improvements</p> <p>*Not critical</p>	<p>-Opportunity to make minor improvements since other editing will be required to incorporate the updates</p>	<p>-Map improvements (labelling) -Threats enumeration (corrections if applicable) -Miscellaneous updates based on availability of data (e.g. database on non-municipal drinking water systems)</p>	<p>all</p>	<p>Nov 2010</p>	<p>Feb 28 2011</p>
<p>Public Consultation</p>	<p>-As required by Act/Regulation</p>	<p>-Give notice to affected municipalities, First Nations, and landowners in Lutterworth Pines, Orono, Batawa, and other applicable areas of changes to vulnerability and threats and of opportunity to comment -Post notice on website that changes have been made to Proposed AR -Make revised Proposed AR available for viewing at CA offices</p>	<p>all</p>	<p>Jan 2010</p>	<p>Mar 31 2011</p>
<p>Revisions to document (approval of SPC)</p>	<p>-To incorporate changes</p>	<p>-Update Proposed ARs with new information as per tasks listed above and to include any cross-boundary considerations identified in neighbouring SPR Assessment Reports -Correction of any typos/formatting</p>	<p>all</p>	<p>Nov 2010</p>	<p>Mar 31 2011</p>
<p>SPA meetings</p>	<p>-As required by Act/Regulation</p>	<p>-5 SPA meetings to receive and submit documents</p>	<p>all</p>	<p>April 2011</p>	<p>May 31 2011</p>
<p>Submit to MOE</p>	<p>-As required by Act/Regulation</p>	<p>-Forward updated AR to MOE</p>	<p>Lead SPA</p>		<p>Before June 30 2011</p>