

## Source Protection Committee

### SOURCE PROTECTION COMMITTEE MEETING 25

– January 18 & 19, 2010 at the Holiday Inn, Peterborough

#### Correspondence

The following correspondence was accepted as information by the SPC:

- a. GUDI Reassessment of Orono Well from Beata Golas, Region of Durham – Nov. 19/09
- b. Director's Approval for use of alternate method for Impervious Surfaces Percentages from Ian Smith, MOE – Nov. 27/09
- c. Pollution Watch Media Release – Jan. 7/10
- d. MOE key messages re: Pollution Watch Media Release from MOE (e-mail) – Jan.7/10

#### Review of Preliminary Draft Proposed Assessment Report Chapters

The Committee reviewed a partial draft of the Trent River and Ganaraska Region Draft Proposed Assessment Reports which included the following components:

- Introduction
- Watershed Characterization
- Water Budget & Water Quantity Stress Assessment
- System-based Vulnerability
- Landscape Scale Vulnerability (Significant Groundwater Recharge Areas)
- Great Lakes Considerations
- Potential Climate Change Implications

#### Chair's Quarterly Report

The required Quarterly Report has been prepared and submitted to the Source Protection Authorities ([www.trentsourceprotection.on.ca/sourceprotectioncommittee/quarterlyreport/](http://www.trentsourceprotection.on.ca/sourceprotectioncommittee/quarterlyreport/)).

#### Assessment Report Schedule

To meet the August 30, 2010 deadline for the submission of the Assessment Report, the draft proposed Assessment Report must be completed by the end of March to accommodate the public consultation phase. There are a number of outstanding technical studies that may pose issues with reaching this deadline including:

- Additional work required for the IPZ- 2 delineation for the 9 intakes on the Trent River
- Consultants are working to address peer review comments on the vulnerability component for the City of Kawartha Lakes wellhead studies
- Update of groundwater model is required for the Wilmot Creek Tier 2 water budget and stress assessment and peer review is yet to be completed
- Draft report not yet received for the Brighton & Colborne Tier 2 water budgets with peer review yet to be completed
- Final vulnerability studies for several wellheads (Keene Heights, Crystal Springs, Millbrook, Grafton, Colborne, Brighton, Stirling) are awaiting the consultant's response to peer review comments and submission of final report; threats analysis cannot be finalized until vulnerability component finalized
- Awaiting Lake Ontario vulnerability, threats & issues from the Lake Ontario Collaborative study; timelines for completing the work are unknown (Vulnerability report anticipated soon)

The Committee agreed a letter should be sent to MOE outlining where delays exist in the technical work and expressing concerns about meeting the August 30<sup>th</sup> deadline.

### Species at Risk Component of Assessment Report

The SPC agreed that the Assessment Report will not include reference to Species at Risk as per the revised Technical Rules.

### Draft Proposed Assessment Report – Technical Studies

#### **a) Final Groundwater Vulnerability Assessment and Highly Vulnerability Aquifer Report**

The results of the vulnerability analysis completed by AECOM were accepted by the SPC for inclusion in the draft proposed Assessment Report.

#### **b) Final Issues Identification for 10 Surface Water Systems/14 Groundwater Systems**

As a result of the findings of the XCG draft reports, the SPC accepted the issues evaluation for these systems for inclusion in the draft proposed Assessment Report. Two issues were identified that require further consideration in the Assessment Report: E-coli for the Stirling wells and Microcystin-LR for the Bayside intake.

#### **c) Transport Pathway Update for Peterborough**

XCG has met with City of Peterborough staff to determine the source of water for a small flowing culvert upstream of the municipal intake. It was noted that revising the IPZ-2 will not impact the vulnerability scoring. The SPC agreed to revise the IPZ-2 to include the small wetland upstream of the culvert, and to add a second transport pathway.

#### **d) Threats Assessment**

Consultants presented their findings for threats assessment for the following municipal systems:

- Janet Noyes, XCG – Norwood, Buckhorn Lake Estates, Cardiff, Dyno Estates, Minden, Lutterworth Pines and Alpine Village
- Lloyd Lemon, Genivar - Hamilton Twp. (Creighton Heights, Camborne), Durham Region (Blackstock, Port Perry, Orono, Greenbank) and Havelock

### Ontario Drinking Water Stewardship Program (ODWSP)

Anne Anderson provided an update on the ODWSP including both the 'Education and Outreach' activities and 'Early Action' funding for projects. A total of \$332,948 has been received to provide financial assistance to property owners located within eligible areas. Projects completed to date are noted in the table below. There are additional projects currently underway at an estimated cost of \$112,008.

Conservation Authority	Projects	ODWSP Funding
Crowe Valley	septic system upgrade	\$7,000
Ganaraska	2 well upgrades 1 septic inspections & repairs	\$5,082
Kawartha	1 pollution prevention review 2 septic inspections & repairs 1 runoff & erosion	\$6,500 \$839 \$12,600
Lower Trent	15 well decommissioning & upgrade 3 septic upgrades & decommissioning	\$9,897 \$16,940
Otonabee	1 runoff & erosion 1 sewer connection 3 septic inspections & repairs	\$9,320 \$4,800 \$355

The current Early Action component of the program will be replaced with an Early Response program (details not yet released by MOE). It is anticipated that the program will be targeted to address significant threats.

**Future Meeting Dates:** March 10 – Peterborough; March 24 – Peterborough; April 20 – Norwood; May 11 – Bridgenorth

**Next Meeting:** Tuesday, February 16, 2010 at the Otonabee Inn Best Western, Peterborough

[www.trentsourceprotection.on.ca](http://www.trentsourceprotection.on.ca)