

Source Protection Committee

SOURCE PROTECTION COMMITTEE MEETING 28

- April 19, 2010 at the Asphodel-Norwood Community Centre, Norwood
- April 20, 2010 at Curve Lake First Nation Community Centre, Curve Lake First Nation

DAY 1: Welcome to Township of Asphodel-Norwood – Meredith Carter welcomed the Committee on behalf of the municipality. The Township places value on natural environments and recognizes the excellent work being done by the Committee.

Correspondence

The following correspondence was accepted as information by the Source Protection Committee:

- Judan Enterprises re: proposed Sewage Treatment Plant (Bayside) – Mar. 29/10
- County of Peterborough re: resolution endorsing the Committee's recommendation concerning funding
- Ontario Drinking Water Stewardship Program Summary (2007 – 2010), Ministry of the Environment

Water Budget

The Committee accepted the results of the Tier 2 water budget and water quantity stress assessments for the Lindsay surface water intake and the Brighton & Colborne groundwater systems. The Tier 2 water budget technical report for Havelock is currently being peer reviewed and the Orono study is anticipated for next meeting. Based on the Tier 2 water budget analyses, Tier 3 water budget studies will most likely not be required.

Vulnerability, Issues and Threats Assessment

The Committee accepted the following results for inclusion in the draft proposed Assessment Report:

- Significant threats enumeration completed by XCG Consultants:
 - 7 northern municipal groundwater systems (Minden, Lutterworth Pines, Cardiff, Dyno Estates, Alpine Village, Buckhorn Lake Estates, Norwood)
 - planned Fraserville well system
- Vulnerability, issues and threats assessment completed by XCG Consultants:
 - 6 City of Kawartha Lakes surface water intakes (Norland, Kinmount, Fenelon Falls, Lindsay, Southview Estates, Bobcaygeon)
- Vulnerability, issues and threats findings completed by Genivar
 - 4 Region of Durham groundwater systems (Orono, Blackstock, Greenbank, Port Perry)
- Groundwater Vulnerability completed by XCG/Earthfx
 - Grafton, Colborne, Brighton

Norwood Millpond Restoration Project

Committee members had an opportunity to view an Ontario Drinking Water Stewardship Program Early Actions Project at the Norwood Millpond. The project included the planting of native vegetation along the

shoreline to reduce soil erosion, deter Canada geese from congregating along the beach and enhance the overall shoreline habitat of the pond.

DAY 2: Welcome to Curve Lake First Nations - Chief Knott welcomed the Committee to Curve Lake First Nations. He stated that he was pleased to see the many different sectors represented on the Committee. He stressed the importance of water, not only in First Nation communities but worldwide.

First Nations Participation in Source Protection

Donna Bigelow, Ministry of the Environment, provided an overview of the opportunities available to First Nations to be engaged in the source protection planning process including:

- Representation on the Source Protection Committee
- Request inclusion of their drinking water system in the planning process
- Capacity funding (\$10,000/year) to assist First Nations representatives on Source Protection Committee to liaise with their community

Curve Lake Drinking Water Systems

Michelle Whetung provided an overview of the prescreening survey completed last summer to assess water supply systems within the Curve Lake First Nation. The level of information on locations of wells and septic tanks was greatly improved using GPS. Residences are primarily on private wells or shore wells. Communal servicing exists for some facilities including the health centre, community centre, band office, daycare, school and one subdivision. The surveys provided a good opportunity to interact with residents. Concerns with outhouses and holding tanks highlight the need for land use policies to ensure development is not adversely impacting water quality.

Landowner Notification Regarding Significant Threats

The Committee is required to notify all landowners carrying out an activity considered as a significant threat that may affect the quality of the sources of drinking water. The following will be included with the letter: response form; stamped self-addressed envelope; official public consultation notice; assessment report & threats fact sheets; and Region of Durham letter of introduction (where appropriate). Staff will revise the letter based on comments from Committee members and re-circulate.

Blessing of the Water

Elder Eleanor Taylor provided a blessing of the water and spoke of water and its importance in our lives.

Draft Assessment Report Chapters

The following components of the Assessment Report were reviewed by the Committee:

- Changes to Watershed Characterization based on previous comments
- Acknowledgements, Preface & Executive Summary
- Water Budget & Water Quantity Stress Assessment – Tier 2 Water Budgets (Lindsay & Havelock)
- Surface Water Systems: Water Quality Risk Assessment – Drinking Water Threats
- Groundwater Systems: Water Quality Risk Assessment – Vulnerability Assessment, Issues Assessment, Drinking Water Threats
- Landscape-Scale Groundwater Analyses
- Cross-Boundary Considerations
- Conclusions and Next Steps
- Appendices – Variances from Technical Rules and Terms of Reference

Next Meeting:

- The next meeting is scheduled for May 14 in Bridgenorth. Other meeting dates were set for June 17 (tentative), July 14, August 20 and September 17.