

DRINKING WATER SOURCE PROTECTION

ACT FOR CLEAN WATER

TRENT
CONSERVATION
COALITION
SOURCE PROTECTION
REGION

SOURCE PROTECTION COMMITTEE MEETING #29

MAY 14, 2010

BRIDGENORTH, ON
MINUTES

SOURCE PROTECTION COMMITTEE MEMBERS:

- Jim Hunt, Chair
- Monica Berdin, Recreation/Tourism
- Darla Blodgett, Hiawatha First Nation
- Alanna Boulton, Trent Severn Waterway
- Dave Burton, Municipal *
- Tom Cathcart, Health Unit Liaison
- Bill Cornfield, Drinking Water Expert
- Edgar Cornish, Agriculture
- Bruce Craig, Municipal
- Pam Crowe, Alderville First Nation
- Roberta (Bobbie) Drew, Public-Rural
- Dave Golem, Municipal *
- Jim Kelleher, Source Protection Authority Liaison
- Rosemary Kelleher-MacLennan, Municipal
- Robert Lake, Economic Development
- Wendy Lavender, MOE Liaison
- Gerald McGregor, Municipal
- Glenn Milne, Agriculture
- Terry Rees, Waterfront Landowner
- Mary Smith, Municipal
- Bev Spencer, Agriculture
- Richard Straka, Municipal
- Wayne Stiver, Drinking Water Expert
- Matt Taft, Public-Urban
- Mae Whetung, Curve Lake First Nation
- Dave Workman, Industrial/Commercial

REGRETS:

- Kerry Doughty, Aggregate/Mining
- Alix Taylor, ENGO

* departed at lunch break

COMMITTEE SUPPORT STAFF:

- Glenda Rodgers, Project Manager
- Marilyn Bucholtz, Communications Coordinator
- Myriam Genet, Administrative Assistant

CONSERVATION AUTHORITY STAFF:

- CVCA: Jeffrey Meyer
- GRCA: Mark Peacock, Pam Lancaster
- KRCA: Mark Majchrowski, Jessica Mueller
- ORCA: Meredith Carter, Terri Cox, Dick Hunter
- TCC Regional Staff: Andrew Doiron, Shan Mugalingam

PRESENTERS:

- Ron Millen, Township of Smith-Ennismore-Lakefield
- Rodney Bouchard, Region of Peel

OTHERS:

- Lucy Burke, City of Kawartha Lakes
- Township of Smith-Ennismore-Lakefield reps

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1. Call to Order

Chair Hunt called the meeting to order at 9:30 a.m.

Chair Hunt was pleased to report that the vacant ENGO Committee position was filled by Alix Taylor of Peterborough Green-Up. Alix is scheduled to attend the next Source Protection Committee Meeting.

2. Welcome to the Township of Smith-Ennismore-Lakefield.

Reeve Ron Millen provided an overview of the Township and welcomed the Source Protection Committee.

3. Disclosure of any conflicts of Interest

There were no disclosures.

4. Approval of the Agenda

Minor changes to the agenda were noted:

- Presentation on Vulnerability and Threats Update: The presentation will be given by Shan Mugalingam instead of XCG Consultants.
- Recommendation to accept Final Vulnerability, Issues and Threats for 13 City of Kawartha Lakes Groundwater Systems: the item is deferred

SPC 2010-05-14-01

By consensus, the Source Protection Committee Members approved the agenda with the above noted revisions.

5. Delegations

There were no delegations

6. Approval of the minutes from the last meeting (April 19-20, 2010)

Minor changes to the draft minutes were made:

- Page 3, item 10: remove the word ask
- Page 10, item 30: Change 2nd paragraph to read: Wendy responded that she will investigate whether wind turbines can be considered a threat.

SPC 2010-05-14-02

By consensus, the Source Protection Committee Members approved the draft agenda with the above noted revisions.

7. Business arising from minutes of last meeting

a. Revised landowner notification letter regarding significant threats

Glenda Rodgers reported that the revised landowner letter, written by the sub-committee formed at the April SPC meeting, was distributed to the full committee via e-mail. Glenda asked the Committee to accept another change suggested by Mark Majchrowski at the May 12th TCC Management Committee Meeting. Mark suggested that the last paragraph of the first page, 2nd

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sentence be revised to read: *If this is incorrect, it is important that you contact us so that we can re-assess your property.*

SPC 2010-05-14-03

By consensus, the Source Protection Committee Members approved the revised landowner notification letter with the suggested change noted above.

8. Correspondence

a. Walkerton Tragedy Commemoration – Calendar of Events

The Calendar of Events was provided and accepted for information. Monica Berdin added that Bruce Davidson will speak in Bobcaygeon at the Gaming Nature Summer Lakeshore Music Festival on Saturday June 19th. Contact Monica for more information.

9. Tier 2 Water Budgets – Glenda Rodgers / Shan Mugalingam

a. Recommendation to accept Havelock Tier 2 Water Budget (staff report #14/10)

There was considerable discussion surrounding the permit to take water at the Ethanol Plant in Havelock. Glenda Rodgers explained that the permit did not affect the end result of the Tier 2 water budget as there was no water taking to date. The water budget is calculated using actual water takings, not permitted water takings.

It was noted that the XCG Report was revised to indicate that a permit had been issued, but had not been considered as no water taking had occurred. The XCG report also indicates that the water budget should be revisited when information is available on the actual takings. Glenda noted that the Assessment Report would note under “Continual Improvement” for the Havelock Tier 2 water budget that the situation needs to be monitored and the water budget revisited if conditions change.

Wayne Stiver asked if there is a mechanism for the Source Protection Committee to be notified once water takings begin. It was agreed that this would be helpful. Wendy said she would look into it.

Other Committee Members noted that there may be other such plants with permits not identified and expressed concerns about the MOE database.

Bev Spencer asked that items of concern like this (Havelock) be flagged so that they can be revisited at a later time.

Terry Rees suggested that a letter be written to MOE noting concern with the Water Budget technical rule that indicates that actual takings be used instead of permitted takings.

SPC 2010-05-14-04

By consensus, the Source Protection Committee directed staff to write a letter to Ian Smith, MOE, outlining their concern about technical rules related to water budget and permits to take water.

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SPC 2010-05-14-05

By consensus, the Source Protection Committee accepted the following recommendation outlined in Staff Report 14/10:

That the results of the tier 2 water budget and water quantity stress assessment indicating a low water quantity stress for the sub-watershed with the Havelock Municipal Wells, completed by XCG Consultants Ltd. For the Trent conservation Coalition Source Protection Region as presented in the Final Report, Tier 2 Water Budget: Havelock Sub-watershed, April 22, 2010 and illustrated in the attached tables and mapping prepared by XCG be accepted by the Source Protection Committee for inclusion in the Trent Conservation Coalition draft proposed Assessment Reports.

b. Update of Orono/Wilmot Creek Tier 2 Water Budget

Glenda Rodgers reported that Orono/Wilmot was viewed as a surface water stress on a ground water system. The Tier 2 water budget study was initiated as Orono was considered a GUDI system (with interaction between the surface water and groundwater). It has since been confirmed by MOE that Orono is not considered GUDI. Given this, Orono/Wilmot Creek should not be considered stressed and no Tier 2 water budget is required. Since the work is nearly complete, the Tier 2 work will continue, but will not appear in the Ganaraska Assessment Report.

10. Presentation on Vulnerability and Threats updates for 10 TCC Surface Water Intakes – Shan Mugalingam.

Shan Mugalingam presented an overview of the Vulnerability and Threats for the 10 TCC Surface Water intakes and responded to questions.

To see the XCG presentation visit www.trentsourceprotection.on.ca

11. Recommendation to accept Revised Vulnerability and Threats for 10 TCC Surface Water Intakes (Trent River system) – Glenda Rodgers (Staff report 15/10)

Source Protection Committee Members reviewed the memo. Mary Smith noted it appeared that transport pathways and storm systems were left off maps for Lakefield and Marmora.

Glenda indicated that if additional information is received during the proposed Assessment Report review and before the submission, the Assessment Report can be changed/updated.

There was a concern that mechanisms at the locks and turbines at generating stations along the Trent- Severn Waterway are not identified as a threat and a question was raised as to whether they could be included as a local threat.

ACTION: Alanna Boulton will find out the type and quantity of any lubricant used in the turbines/locking stations.

Glenda noted that for any identified local threats, there is the opportunity to have them included in the updated Assessment Report.

SPC-05-14-06

By consensus, the Source Protection Committee Members accepted the following recommendation outlined in Staff Report 15/10:

That the updated vulnerability and threats studies completed by XCG Consultants Ltd. for the Lakefield, Peterborough, Hastings, Marmora, Campbellford, Warkworth, Frankford, Batawa, Trenton, and Bayside surface water systems as presented in:

- *Technical Memorandum #2, Revision 2: VULNERABILITY ASSESSMENT FOR TEN MUNICIPAL SURFACE WATER SOURCED DRINKING WATER SYSTEMS, April 2010*
- *Technical Memorandum #3, SIGNIFICANT THREATS ENUMERATION FOR TEN MUNICIPAL SURFACE WATER SOURCED DRINKING WATER SYSTEMS, April 2010*

be accepted by the Source Protection Committee for inclusion in the Trent Conservation Coalition draft proposed Assessment Reports.

12. Recommendation to accept vulnerability assessment for Keene Heights, Elgeti/Crystal Springs, Millbrook – Glenda Rodgers (Staff Report #16/10)

SPC-05-14-07

By consensus, the Source Protection Committee Members accepted the following recommendation outlined in Staff Report 16/10:

*That the results of the vulnerability studies completed by EarthFx for the Millbrook, Crystal Springs and Keene Heights municipal well systems, as presented in **Wellfield Vulnerability Analysis for Millbrook, Crystal Springs and Keene Heights**, March 2010, be accepted by the Source Protection Committee for inclusion in the Trent Conservation Coalition draft proposed Assessment Report (Otonabee-Peterborough Source Protection Area).*

13. Presentation on Lake Ontario Collaborative project (New Castle, Port Hope, Cobourg) – Rodney Bouchard, Region of Peel

Rodney Bouchard provided an overview of the Lake Ontario Collaborative project.

Wayne Stiver wondered why raw water samples were not investigated more closely (pharmaceuticals, etc). Rodney indicated that they were constrained by the Technical Rules.

To view Rodney's presentation see www.trentsourceprotection.on.ca

14. Recommendation to accept findings of Lake Ontario Collaborative Study – Glenda Rodgers (staff report #17/10)

SPC-05-14-08

By consensus, the Source Protection Committee Members accepted the following recommendation outlined in Staff Report 17/10:

That the findings of the following Stantec Consulting Ltd reports (dated May 2010):

- *Addendum to the Intake Protection Zone Delineation and Vulnerability Assessment Study for the Cobourg WTP;*
- *Addendum to the Intake Protection Zone Delineation and Vulnerability Assessment Study for the Port Hope WTP; and*
- *Addendum to the Intake Protection Zone Delineation and Vulnerability Assessment Study for the Regional Municipality of Durham, Newcastle WTP*

as outlined in the attached Executive Summaries, be accepted by the Source Protection Committee for inclusion in the draft proposed Assessment Report for the Ganaraska Region Source Protection Area,

and further,

It be noted in the Assessment Report for the Ganaraska Region Source Protection Area that there are no drinking water issues or significant drinking water threats, as defined under the Clean Water Act, for the Newcastle, Port Hope and Cobourg drinking water systems.

15. Recommendation to accept Final Vulnerability, Issues and Threats for 13 City of Kawartha Lakes Groundwater Systems – Glenda Rodgers (Staff report #10/10)

Item was deferred. Glenda Rodgers indicated that she expects to receive the executive summary next week.

16. Finalization of Draft Proposed Assessment Reports

a. Director's Approvals for various requests - Glenda Rodgers

SPC-05-14-09

By consensus, the Source Protection Committee Members accepted the Director's Approvals for use of an alternate Study Year in three Tier 2 water budgets as information.

During the meeting, Wendy Lavender received Director's Approval (by e-mail) for including congregation of waterfowl upstream of Peterborough and Lakefield intakes as a threat. Wendy read the letter to the Committee.

Action: Glenda will forward the Director's Approval letter re: waterfowl to all Committee members.

b. Update on Trent River Assessment Report (Presentation by Glenda Rodgers/Andrew Doiron)

Glenda Rodgers provided an overview of the draft Trent Assessment Report. There was discussion about the use of cosmetic pesticides and how it is controlled.

Mary Smith wondered how the TCC compared with other SPAs in numbers of threats. Chair Hunt indicated that we were on the higher end, but others had much more, while some had less than 20.

To view the presentation see www.trentsourceprotection.on.ca

- **Colborne/Brighton Tier 2 Water Budget (Draft section of Water Budget)**

No comments were provided by the SPC on this AR section.

c. Update on Ganaraska SPA Report (Presentation by Mark Peacock/Pam Lancaster)

Pam Lancaster and Mark Peacock provided an overview of the Ganaraska SPA Assessment Report and responded to questions. To see their report, see www.trentsourceprotection.on.ca

- **Groundwater Systems - Water Quality Risk Assessment (Draft Chapter)**

- **Surface Water Systems -Water Quality Risk Assessment (Draft Chapter)**

No comments were provided by the SPC on these two AR chapters.

d. Recommendation to finalize and post Draft Proposed Assessment Reports - Glenda Rodgers (staff report #18/10 attached)

Glenda reviewed the staff report indicating that the draft proposed Assessment Reports were nearly complete and asked that the committee support the staff recommendation to post the reports as soon as they are complete.

Glenda Rodgers reported that there were three studies that had not yet been accepted by the SPC:

- *City of Kawartha Lakes - Vulnerability, Issues, Threats: (re staff report 10/10) – presentations have been given by GENIVAR; report is expected next week*
- *Stirling – Vulnerability: presentation was given in November by Earthfx but we have not yet received the final report*
- *Threats assessment for the southern municipal wells (Keene Heights, Crystal Springs, Millbrook, Grafton, Colborne, Brighton, Stirling) – presentations have been given by XCG; waiting for final vulnerability for Stirling to wrap up the threats study.*

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Glenda mentioned that the Assessment Reports will note that it is based on draft reports. She also noted that changes can be made to the report once posted (without doing additional public meetings) as long as it doesn't affect additional landowners. If additional landowners with significant threats are identified, then additional public consultation (public meetings or one-on-one discussions) will need to occur.

Mary Smith asked if Wendy Lavender had additional information on why cemeteries were not in the threats table. Wendy indicated that studies show that there is no evidence that it is a threat. A request could be made to add it as a local threat if there is a concern.

SPC-05-14-10

By consensus, the Source Protection Committee Members accepted the following recommendation outlined in Staff Report 18/10:

That staff finalize the draft proposed Assessment Reports, incorporating updated information received from XCG Consultants and GENIVAR where applicable, and post the Notice to initiate public consultation on the Trent Conservation Coalition Draft Proposed Assessment Reports as soon as possible following the May 14, 2010 Source Protection Committee meeting.

e. Assessment Report Timelines - Glenda Rodgers

- **Assessment Report Schedule (attached)**

Glenda Rodgers reviewed the timelines. Staff reports on outstanding items mentioned under 16d will be sent out to the Committee for information and brought forward at the next meeting for approval.

Glenda noted that staff is hoping to post both reports on June 2, 2010, with a 37 day comment period ending on July 9th. Potential dates and meeting locations were provided:

Dates: June 23, 24, 28, and 29. July 05, 06. (3 p.m. to 8 p.m.)

Potential locations (to be confirmed):

- KRCA: Norland/Kinmount area and Blackstock
- ORCA: Peterborough
- Crowe: Havelock
- LTC: Stirling
- GRCA: Baltimore

Bev Spencer asked that the meetings for areas with higher numbers of agricultural threats be held on the later dates.

Glenda suggested that some SPC members may wish to attend the public meetings. She will send an email to inquire once the dates/venues are set.

- **Assessment Report Extension Request to MOE**

Glenda Rodgers indicated that we had not yet requested an extension beyond the end of August, but had advised the Ministry that we would be doing so.

SPC-05-14-11

By consensus, the Source Protection Committee Members agreed that a letter be written requesting an extension to October 29, 2010

17. Upcoming Municipal Elections – Impact on Committee and Working Group membership

Glenda Rodgers reported that after the municipal elections, the municipal representatives on the SPC may need to be reconsidered (if any of the representatives are not re-elected). The representatives were appointed by groups of municipalities, not the individual municipality that they are from. A representative that is not re-elected could still sit on the SPC if the grouping of municipalities was agreeable (as long as the representatives works or lives in the SPR).

Municipal representation on the working groups may also need to change. The membership should be revisited after the election, keeping in mind the shift from the technical stage to the planning stage as well.

Action: Glenda Rodgers will send a letter to Municipalities on the process in late summer/early fall.

18. Interim Risk Management Plan—municipal input

Glenda referred to the survey on Interim Risk Management Plans provided by the province. Glenda indicated that Interim Risk Management Plans have not been contemplated for the region. She suggested that sending this survey to the municipalities may be confusing at this time, with the posting of the draft Assessment Report imminent.

She suggested that a CA staff person could take on the role for any municipality in the region (should the need arise), and that it may be worthwhile to train one staff person from the region.

It was agreed that Municipal Representatives would meet after the meeting is adjourned to discuss how to proceed with the survey.

19. Presentation on Stewardship Funding: Early Response Program – Glenda Rodgers/Meredith Carter

Glenda Rodgers presented an overview of the Early Response Program and responded to questions with Meredith Carter. To view the presentation see www.trentsourceprotection.on.ca She indicated that the SPC will have a role in this program, as it is geared at addressing significant threats identified in the Assessment Report.

20. Reports/Updates

- **Staff**
No reports
- **Municipal Working Groups**
Mary Smith suggested that Municipal Working Groups may wish to meet during the posting of the assessment reports
- **Committee Members (updates on public engagement/conferences)**
Wayne Stiver and Rosemary Kelleher-MacLennan attended the Ontario Municipal Water Association Conference in Windsor May 2-4, 2010.

21. Next Meeting

- The proposed June meeting is cancelled
- The next meeting is July 14: location to be determined

22. Questions/Comments from the Public

- No questions

23. Other Business

Wendy Lavender provided an update on the proposed sewage treatment plant at Bayside. During the public consultation, the SPC can request to have the Class EA bumped up if they have concerns with the revised proposal. The timing of the public process for the Class Environmental Assessment (EA) is not known.

Bev Spencer asked about upcoming dates for SPC training. Wendy indicated that training will occur after the Source Protection Plan Regulations are posted, perhaps this Fall.

Wendy updated the Committee on wind turbines. They can be considered a threat if there is an activity taking place that poses a risk (e.g. DNAPL storage and storage of fuel.) In addition, a request can be made to add wind turbines as a local threat if some other type of chemical or pathogen threat is identified that is not included in the existing threats tables.

24. Adjournment

Meeting adjourned at 3:30.