

DRINKING WATER SOURCE PROTECTION

ACT FOR CLEAN WATER

TRENT
CONSERVATION
COALITION
SOURCE PROTECTION
REGION

SOURCE PROTECTION COMMITTEE MEETING #24

NOVEMBER 23, 2009

MINDEN, ON MINUTES

SOURCE PROTECTION COMMITTEE MEMBERS:

- Jim Hunt, *Chair*
- Monica Berdin, *Recreation/Tourism*
- Alanna Boulton, *Trent Severn Waterway*
- Dave Burton, *Municipal*
- Bill Cornfield, *Drinking Water Expert*
- Edgar Cornish, *Agriculture*
- Bruce Craig, *Municipal*
- Dave Golem, *Municipal*
- Jim Kelleher, *Source Protection Authority Liaison*
- Rosemary Kelleher-MacLennan, *Municipal*
- Robert Lake, *Economic Development*
- Wendy Lavender, *MOE Liaison*
- Gerald McGregor, *Municipal*
- Glen Milne, *Agriculture*
- Terry Rees, *Waterfront Landowner*
- Mary Smith, *Municipal*
- Richard Straka, *Municipal*
- Wayne Stiver, *Drinking Water Expert*
- Matt Taft, *Public-Urban*
- Mae Whetung, *Curve Lake First Nation*

REGRETS:

- Darla Blodgett, *Hiawatha First Nation*
- Tom Cathcart, *Health Unit Liaison*
- Mary Jane Conboy, *Environmental NGO*
- Pam Crowe, *Alderville First Nation*
- Roberta (Bobbie) Drew, *Public-Rural*
- Kerry Doughty, *Aggregate/Mining*
- Bev Spencer, *Agriculture*

Alanna Boulton arrived at 11:00 a.m.

Rosemary Kelleher MacLennan was present through agenda item 9.

Bob Lake was present until agenda item 11c.

Upon his departure, quorum was lost.

(Discussions continued but no formal decisions were made.)

COMMITTEE SUPPORT STAFF:

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

CONSERVATION AUTHORITY STAFF:

- CVCA: *Vicky Woolfrey*
- GRCA: *Mark Peacock*
- KRCA: *Rob Messervey, Jessica Mueller, Mark Majchrowski*
- ORCA: *Meredith Carter, Terri Cox*
- TCC Regional Staff: *Andrew Doiron, Shan Mugalingam*

PRESENTERS:

- Jim McMahon, *Reeve, Minden Hills*
- Janet Noyes, *XCG Consultants*
- Steve Davies, *Helen Zhang, AECOM*
- Dirk Kassenaar, *Earthfx*

OTHERS:

- 2 additional *Earthfx* staff
- Lucy Burke, *City of Kawartha Lakes*
- Heather Malcolmson, *Ministry of the Environment*

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1. WELCOME AND CALL TO ORDER

The meeting was called to order at 10:00 a.m. Chair Hunt welcomed everyone to the meeting.

2. WELCOME TO MINDEN HILLS

Reeve Jim McMahon welcomed the Committee to the Township of Minden Hills and thanked them for their good work.

3. DISCLOSURES OF ANY CONFLICTS OF INTEREST

There were no disclosures.

4. APPROVAL OF THE AGENDA

SPC: 2009-11-23-01

By consensus, the Committee approved the agenda.

5. DELEGATIONS

There were no delegations.

6. APPROVAL OF MINUTES FROM LAST MEETING (NOVEMBER 3, 2009)

SPC: 2009-11-23-02

By consensus, the Committee approved the Trent Conservation Coalition Source Protection Committee November 3, 2009 Meeting Minutes.

It was noted that dates and locations of Open Houses have been changed since the November 3, 2009 meeting. To view the changes see www.trentsourceprotection.on.ca.

7. BUSINESS ARISING FROM MINUTES OF LAST MEETING

α. LETTER TO MINISTRY RE: THANK YOU FOR EXTENSION AND REITERATING ADDITIONAL TIME MAY BE REQUIRED

Glenda Rodgers reported that the letter has been written and will be sent once signed by Chair Hunt.

8. CORRESPONDENCE

α. LETTER TO FIRST NATION CHIEFS FROM IAN SMITH – DATED OCTOBER 30, 2009 CATALOGUE/DATABASE

SPC: 2009-11-23-03

By consensus, the Committee accepted the correspondence as information.

9. QUESTIONS & ANSWERS – HEATHER MALCOLMSON, MOE

Heather Malcolmson, with the assistance of Wendy Lavender, responded to a number of questions posed by the Committee. Questions covered were under the following headings:

- Adding waterfowl congregation (discharge of avian feces to water) as a local threat
- Water Budget
- Aquacides
- Threats and Issues
- Delineation and Mapping
- Planning and Implementation

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ACTION: A copy of the responses to the questions will be provided by MOE.

10. ASSESSMENT REPORT SCHEDULE – GLENDA RODGERS

Glenda Rodgers presented an updated schedule for completion of the technical studies and draft Assessment Report, with the completion date changed to August 30, 2010. She indicated that the City of Kawartha Lakes Groundwater report will be later than anticipated because of some changes required as a result of the vulnerability peer review. The time-lines will be re-assessed in January.

11. DRAFT PROPOSED ASSESSMENT REPORT – TECHNICAL REPORTS

a. RECOMMENDATION TO ACCEPT VULNERABILITY FINDINGS FOR 7 NORTHERN GROUNDWATER SYSTEMS – GLENDA RODGERS (STAFF REPORT #5)

Glenda reviewed the staff report recommending:

That the results of the vulnerability studies completed by XCG Consultants Ltd. for the Alpine Village, Buckhorn Lake Estates, Cardiff, Dyno Estates, Lutterworth Pines, Minden and Norwood municipal well systems, as presented in Technical Memorandum #2, Revision 2: VULNERABILITY ASSESSMENT FOR SEVEN MUNICIPAL GROUNDWATER SOURCED DRINKING WATER SYSTEMS, NORHTERN REGION, October 2009, be accepted by the Source Protection Committee for inclusion in the Trent Conservation Coalition draft proposal Assessment Reports.

She indicated that she received information from the Ministry of the Environment last week indicating that the Alpine Village system is not considered to be Groundwater under the Direct Influence of Surface Water (GUDI) and that the *recommendation should be revised to remove WHPA-E from the Alpine Village maps.*

SPC: 2009-11-23-04

By consensus, the Committee approved the staff recommendation, with removal of WHPA-E from the Alpine Village system.

b. RECOMMENDATION TO ACCEPT VULNERABILITY FINDINGS FOR 10 SURFACE WATER SYSTEMS – GLENDA RODGERS (STAFF REPORT #6)

Glenda reviewed the staff report recommending:

That the results of the vulnerability 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 1: VULNERABILITY ASSESSEMENT FOR TEN MUNICIPAL SURFACE WATER SOURCED

DRINKING WATER SYSTEMS, October 2009 be accepted by the Source Protection Committee for inclusion in the Trent Conservation Coalition draft proposed Assessment Reports.

And further, that due to the uncertainty, the delineation of the intake Protection Zone -2 for each of the systems (excluding Bayside) be re-assessed and the results incorporated into an updated Assessment Report.

Richard Straka indicated that he had concerns about a missing transport pathway located within the IPZ-1 for the Peterborough intake the source of which not yet been resolved.

ACTION: Janet Noyes, XCG Consultants Ltd, will investigate the matter.

SPC: 2009-11-23-05

By consensus, the Committee approved the staff recommendation, with the exception of the Peterborough intake.

c. MUNICIPAL SYSTEMS: ISSUE IDENTIFICATION FOR 10 SURFACE WATER SYSTEMS/14 GROUND WATER SYSTEMS – JANET NOYES

Janet Noyes referred to her memo (Issues for Surface and Groundwater Sites) and indicated that XCG required input from the Source Protection Committee. A discussion took place and the following conclusions were made:

Sodium	That the 200mg/L aesthetic objective be adopted as the benchmark for identifying an issue for sodium. Using this benchmark, sodium would not be considered an issue for any of the 10 surface water or 14 groundwater systems in the two XCG projects.
Microcystin-LR	That the Trent Conservation Coalition Source Protection Region develop a plan in association with EC, DFO, MOE, MNR, Quinte Source Protection Region and BQRAP to identify the source of biologically-available phosphorus and area contributing the biologically-available phosphorus to the waters of the Bay of Quinte
<i>E-coli</i>	<i>E.coli</i> be identified as an issue for the Stirling groundwater system. This system is classified as GUDI and does not have filtration in place. Raw water has tested positive for <i>E.coli</i> . It was agreed that only a WHPA-E would be identified at this time and that WHPA-F would only be considered if the land uses in WHPA-A to WHPA-E could not account for the presence of <i>E.coli</i> in the source water.

For more on Janet’s presentation, see www.trentsourceprotection.on.ca.

NOTE: quorum was lost; meeting discussions continued

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d. MUNICIPAL SYSTEMS: ISSUES IDENTIFICATION FOR 6 CITY OF KAWARTHA LAKES SURFACE WATER SYSTEMS – JANET NOYES, XCG

Janet Noyes provided a brief update on the issues identification process for the six City of Kawartha Lakes Surface Water Systems.

e. REGIONAL VULNERABILITY ANALYSIS : DRAFT REPORT – STEVE DAVIES, AECOM (PRESENTATION)

Steve Davies and Helen Zhang provided a presentation. For more details, see www.trentsourceprotection.on.ca. Glenda Rodgers indicated that TCC Conservation staff were reviewing the maps and would be consulting with Steve Davies regarding preparation of the final product and recommendations.

f. DRAFT TIER 2 WATER BUDGET FOR BRIGHTON/COLBORNE – DIRK KASSENAAR, EARTHFX (XCG CONSULTANTS) (PRESENTATION)

Dirk Kassenaar provided an overview of the Draft Tier 2 Water Budget for Brighton and Colborne. Dirk indicated that the preliminary results were close to the threshold for further study (Tier 3) for Colborne. Further review of the available data is required and the report will need to be peer reviewed. To view the presentation see: www.trentsourceprotection.on.ca.

12. OPEN HOUSES

Marilyn Bucholtz reported that she would give an update on the Open Houses at the December meeting. Marilyn also noted that there have been changes to future Open House locations and dates. During the next month, three Open Houses will be held in the City of Kawartha Lakes and one in Durham Region. To view the updated dates and location, see www.trentsourceprotection.on.ca.

13. REPORTS

a. STAFF

- Glenda Rodgers reported that the revised technical rules are on the EBR.

Action: Glenda will send the link to the revised technical rules posting to the Source Protection Committee.

b. MUNICIPAL WORKING GROUPS (MINUTES/REPORTS)

- There were no reports

c. COMMITTEE MEMBERS (UPDATES ON PUBLIC ENGAGEMENT/CONFERENCES)

- There were no reports

14. NEXT MEETING

Future Meetings:

Date	Location
December 9,2009	Keene Fire Hall Meeting Room - 21 Third St. Keene ON K0L 2G0
January 19, 2010	Holiday Inn - 150 George St. N Peterborough ON K9J 3G5
February 16, 2010	Best Western Otonabee Inn - 84 Lansdowne St. E Peterborough ON K9J 6Z3

Future Meeting Dates will be scheduled at the next meeting.

15. QUESTIONS/COMMENTS FROM THE PUBLIC

There were no questions or comments.

16. OTHER BUSINESS

Mary Smith asked if there had been any official response to the Landowners Association Press Release. Chair Hunt replied that there was no response from the Committee.

17. ADJOURNMENT

The Meeting ended at 3.55 p.m.