

SOURCE PROTECTION COMMITTEE MEETING
OCTOBER 30, 2017
ASPHODEL-NORWOOD COMMUNITY CENTRE
88 ALMA STREET, NORWOOD, ON
APPROVED MINUTES

ATTENDEES

SOURCE PROTECTION COMMITTEE MEMBERS	PRESENT	REGRETS	NOTES
Jim Hunt	✓		
Alanna Boulton	✓		
Alix Taylor	✓		
Bev Spencer	✓		
Bill Cornfield	✓		
Bobbie Drew	✓		
Bonnie Clark	✓		
Brian Junkin	✓		
Darla Blodgett	✓		
Dave Workman	✓		
Edgar Cornish	✓		
Glenn Milne		✓	
Jessica Ferri		✓	
Mike Gibbs	✓		
Monica Berdin	✓		
Richard Straka	✓		
Rob Franklin	✓		
Robert Lake		✓	
Rosemary Kelleher-MacLennan	✓		
Terry Rees	✓		
Wayne Stiver	✓		
Tracey Taylor	✓		
George Offshack	✓		
Mary Wooding	✓		

SOURCE PROTECTION COMMITTEE LIAISONS	PRESENT	REGRETS	NOTES
Atul Jain	✓		
Mary Wooding	✓		
Glenda Rodgers	✓		

COMMITTEE SUPPORT STAFF:

Chris Wilkinson, Andrew McIntyre.

SOURCE PROTECTION AUTHORITY (SPA) STAFF:

Crowe Valley SPA: Vicki Woolfrey;
 Kawartha-Haliburton SPA: Jenna Stephens;
 Otonabee-Peterborough SPA: Meredith Carter, Terri Cox;
 Ganaraska SPA: Mark Peacock, Kelly Gibson;
 Lower Trent SPA: Anne Anderson, Shan Mugalingam;

1. MEET AND GREET**2. CALL TO ORDER**

The meeting was called to order at 10:05 AM.

- Chair Jim Hunt welcomed new SPA staff and presented a certificate of recognition to M. Peacock.

3. DISCLOSURE OF ANY CONFLICTS OF INTEREST

- No conflicts of interest were declared.

4. APPROVAL OF THE AGENDA**SPC 2017-10-30-01**

By consensus the Trent Conservation Coalition Source Protection Committee approved the agenda as amended.

5. DELEGATIONS

- There were no delegations.

6. APPROVAL OF MINUTES FROM LAST MEETING**SPC 2017-10-30-02**

By consensus the Trent Conservation Coalition Source Protection Committee approved the minutes for the March 21, 2017 Trent Conservation Coalition Source Protection Committee meeting.

7. BUSINESS ARISING FROM MINUTES OF LAST MEETING

- T. Rees inquired about SAC reports.

ACTION: M. Wooding to provide an update on the SAC procedures at the next meeting

- A. Boulton provided an update for Trent-Severn Waterway.

8. CORRESPONDENCE

- Chris Wilkinson reviewed the following items of correspondence with the Committee:
 - a. Crowe Valley Source Protection Authority Municipal Working Group approved minutes from March 21, 2017 meeting;
 - b. Letter from Deon Bridge, Senior Environmental Analyst, Enbridge; Dated April 25, 2017 to Lower Trent and Ganaraska Source Protection Authorities regarding an offer to consult on the operation and maintenance of Enbridge's Liquids Pipelines;

- c. Email from Urban Regional Information Systems Association (URISA), Ontario Chapter; Dated May 15, 2017 to Chris Wilkinson, PM, TCC, regarding URISA Ontario's GOLD Best Web GIS Award for trentsourceprotection.on.ca online map;
 - C. Wilkinson explained this achievement and where this mapping can be viewed. (<http://trentsourceprotection.on.ca/> and select 'View Our Map.')
- d. Request for comments on the MOECC Source Program review from the Municipalities of the Kawartha-Haliburton Source Protection Area, forming part of the Trent Conservation Coalition Source Protection Region – June 19, 2017;
 - The committee discussed the fact that most TCC municipalities do not have the resources to have drinking water source protection programs downloaded onto them.
 - In response, Chair Hunt indicated that not all municipalities are equal and in capacity of adequately protection sources of drinking water. He also noted that it is important to keep in mind that we do not want to be in a situation, such as Walkerton, where we need to react. We want to keep the program proactive.
 - The Liaison Officer indicated that MOECC is currently looking at the science that informed the technical rules. An example is considering pipelines as a threat where the MOECC is ensuring that new revised regulations will address any problem areas.
 - The committee discussed the O.Reg 170 (Safe Drinking Water Act) comments in the letter and it was noted that this is outside of the purview of the Clean Water Act.
- e. Email from Agnieszka Dabrowska, Program Analyst, Ministry of the Environment and Climate Change; Dated August 9, 2017 to Chris Wilkinson, PM, TCC regarding the pending Kawartha-Haliburton Section 34 amendment;
- f. Ganaraska Region Source Protection Authority Municipal Working Group draft minutes from August 15, 2017 meeting;
- g. Kawartha-Haliburton Source Protection Authority Municipal Working Group draft minutes from August 21, 2017 meeting;
- h. Letter from Tawnya Donald, Clerk for the Township of Stirling-Rawdon; Dated September 6, 2017 to Glenda Rodgers, CAO, Lower Trent Conservation Authority regarding the potential for a Tier 3 Water Budget for the Stirling-Rawdon municipal drinking water system;
- i. Crowe Valley Source Protection Authority Municipal Working Group draft minutes from September 19, 2017 meeting;
- j. Otonabee-Peterborough Source Protection Authority Municipal Working Group draft minutes from September 27, 2017 meeting;
- k. Lower Trent Source Protection Authority Municipal Working Group draft minutes from October 12, 2017 meeting;

SPC 2017-10-30-03

By consensus the Trent Conservation Coalition Source Protection Committee receive the correspondence as information.

9. RANKING OF THREATS

- Chris Wilkinson spoke to Staff Report 08/17 provided to the SPC as information.
- Staff explained the process for determining the ranking system and indicated this report provides members with additional information to assist with prioritization of the work plan.
- Members concurred the report would be valuable however some refinement of the ranking system was suggested and members requested an updated version be brought to the next meeting.

SPC 2017-10-30-04

By consensus the Trent Conservation Coalition Source Protection Committee receive Staff Report 08/17 as information and present a final version of the ranking system at the next SPC meeting.

10. GRADING OF TCC'S 2016 ANNUAL IMPLEMENTATION REPORT

- C. Wilkinson spoke to Staff Report 09/17 and explained the background rationale for the report.
- The Agricultural representatives indicated the report does not cover all systems, with members discussing the point that even those who do not draw upon municipal systems from their residences still receive benefit and services from the protection of municipal sources (i.e. hospitals, restaurants, etc.).
- B. Drew inquired about compliance around road salt and Chair Hunt advised he has a Road Salt Application report that may provide some useful information.

ACTION: J. Hunt to bring Road Salt Application report to the next meeting

- Members provided staff with a number of typographic updates.
- The committee asked about the table on pages 14 and 15 which provides an example of a delay with accessing/contacting agricultural properties. B. Spencer indicated that farmers are better approached in person and with an agriculture representative rather than by telephone.
- J. Hunt emphasized that despite grades of "Satisfactory," there has been instances and areas of significant progress. There is however still significant work to do.
- Staff indicated that the changes to the draft report will be made and submitted to the Ministry.

SPC 2017-10-30-05

Whereas in 2016 the Trent Conservation Coalition is piloting the Annual Progress Report process required by Section 45 of the *Clean Water Act, 2006*;

That by consensus the Source Protection Committee give the score of "satisfactory" as an overall process score for the 2016 Annual Implementation Summary Report;

AND that by consensus the Source Protection Committee receive Trent Conservation Coalition's 2016 Annual Implementation Summary Report and direct staff to remove the draft watermark and provide a copy to the Ministry of the Environment and Climate Change Source Protection Program Branch.

11. UPDATE FROM OCTOBER 12 AND 13, 2017 CHAIRS MEETING

- J. Hunt provided an overview of the topics discussed including an update on the mature program vision, program funding, Section 60 risk assessments and the Section 36 work plan. He also noted that a presentation was provided by Bruce Davidson, Walkerton resident.
- For mature program vision, committee member A. Boulton added that source water is increasingly being brought up in many cases, especially by third parties. B. Junkin indicated municipalities and development industries are well aware, and that awareness lacks for the general public. G. Rodgers added that staff have received an increase in questions from the public, likely attributed to the road signs.
- In terms of Section 36 work plans, staff advised that the current phase involves gathering information to provide to Municipal Working Groups.
- Both J. Hunt and M. Wooding advised the SPC that if there are formal opportunities to spread information about the program (e.g. the program's importance), it can be brought to the Region for potential funding.

12. ROLE OF THE SPC IN REVIEW OF THE TECHNICAL RULES AND SPP UPDATE (PRESENTATION)

- a. C. Wilkinson presented, outlining the SPC's involvement in the review of the Technical Rules and updates to the Trent and Ganaraska Source Protection Plans.
- b. C. Wilkinson provided an overview of the possible avenues for amendments (s. 51, s. 34, s. 35, and s. 36). He added that council resolutions are required for each municipality where a Section 34 amendment is proposed. Therefore, 43 council resolutions would be required to go forward with Region-wide changes which is not an efficient option for Region Wide updates.

13. 14 POLICY UPDATES TO TRENT AND GANARASKA SOURCE PROTECTION PLANS

- a. C. Wilkinson spoke to Staff Report 10/17. He explained the provided table and went over items therein. He advised that the SPC will be provided with additional information and a suggested amendment process (s.51, s.34 or s.36) for each of the proposed policy updates.

SPC 2017-10-30-06

WHEREAS the *Clean Water Act, 2006* and Ontario Regulation 287/07 clearly identify the scope and processes by which amendments can be made to a source protection plan;

AND whereas the Trent Conservation Coalition Source Protection Committee (SPC) direct staff to take the necessary actions to consult with the Municipal Working Groups on the 14 proposed policy revisions put forth by the SPC and provide their feedback to the SPC;

AND that by consensus for policies G-1, G-3, G-6, G-7, G-11, S-6(1), ASM-1(1), ASM-4(2), F-2(1), R-1, D-1, D-2, OT-1, and OT-2(2), the Source Protection Committee directs the Municipal Working Groups and Source Protection Authorities to:

1. Confirm the need to update policies;
2. Complete the "Policy Considerations" section; and
3. Suggest an amendment procedure.

14. PRESENTATION FROM STIRLING-RAWDON WATER TREATMENT PLANT OPERATOR ON THE STIRLING MUNICIPAL DRINKING WATER SYSTEM

- Matthew Richmond provided a presentation on the Stirling system. The presentation included a history of the system and the 2016 low water advisories. There was discussion about the potential for the municipality to drill a new well in the future. The new well would still likely be GUDI.
- M. Richmond discussed the efforts to minimize risk during 2016 drought and advised there was a water by-law implemented to reduce water use for residences and businesses (by 50%). Public education was used as well.
- Finally, M. Richmond discussed the Townships motion for Tier 3 Water Budget to be included in Section 36 work plan to address water quantity issues is dependent on MOECC funding.

15. ASSESSMENT OF SOURCE VULNERABILITY FACTOR (SVF) FOR GREAT LAKES INTAKES

- C. Wilkinson spoke to Staff Report 11/17. The report applied the flexibility measures for the Source Vulnerability Factor for the 3 Great Lakes Systems (Cobourg, Port Hope, Newcastle). He advised the current range of 0.5-0.7 cannot cause a significant threat, however the flexibility measures allow the factor to range between 0.5-1.0 and thus potentially causing significant threats. After review, staff determined that there could be no changes to the Source Vulnerability Factors, and recommended to the SPC that the score remains the same.

- Chris also advised that staff will reach out to other Regions with Lake Ontario systems to determine if there is a desire to have a consistent approach in addressing the new flexibility measures across Lake Ontario.

SPC 2017-10-30-07

WHEREAS the amended Technical Rules (MOECC, 2017) under the *Clean Water Act*, 2006 allow for additional flexibility for Type "A" Great Lakes intakes to increase source vulnerability factor scores should the intake be shallow, near to the shore and/or have a history of water quality concerns;

THAT staff reach out to Project Managers and Source Protection Authority Leads with Lake Ontario systems to determine if there was a desire to have a consistent approach in addressing the new flexibility measures across Lake Ontario;

AND THAT contingent on the above consultation resulting in no changes to the Source Vulnerability Factors for Type "A" intakes, the SPC directs staff to keep the existing source vulnerability scores for the Newcastle, Port Hope and Cobourg intakes.

16. ASSESSMENT OF FUEL STORAGE / HANDLING CIRCUMSTANCES FOR INTAKE PROTECTION ZONE INTAKES

- C. Wilkinson spoke to Staff Report 12/17. He advised that as per the report the new mandatory circumstances will impact 13 surface water systems and potentially impact over 250 properties.
- He added that this change is to address that outdoor and above grade fuel tanks, which are more likely to fail than those below grade and/or indoors (basements).
- G. Offshack inquired about the gap between the 2500L threshold in the table of circumstances and the 4000L threshold required by TSSA.

ACTION: Staff to report back to SPC on the 2500L vs 4000L thresholds.

- C. Wilkinson advised that the updates to the fuel circumstances will be likely included on the Section 36 work plan unless any Municipal Working Group deems them to be urgent and require a Section 34 amendment.

SPC 2017-03-21-08

WHEREAS the amended Technical Rules (MOECC, 2017) under the *Clean Water Act*, 2006 allow for additional flexibility to adopt an adjusted set of Fuel Volume Circumstances for Surface Water Intakes;

THAT BY CONSENSUS direct staff to work with the Source Protection Authorities Municipal Working Groups to develop recommendations for amendments and a suggested amendment procedure to the Trent and Ganaraska Source Protection Plans and report back at the next SPC meeting;

AND THAT BY CONSENSUS direct staff to collect any available additional background information, and verify the potential economic impact (e.g. number of required Risk Management Plans) in order to facilitate the assessment of potential next steps

17. OTHER BUSINESS

- No other items of business declared.

18. NEXT MEETING

- Discussion about March 21, 2018 as proposed date for next meeting is to be confirmed via Doodle Poll. The meeting after next will likely be in April, 2018 in preparation for submission of the Annual Progress Report.

19. ADJOURNMENT

- Meeting adjourned at 2:10 PM.