

**THE CATARAQUI SOURCE PROTECTION COMMITTEE**

**MINUTES OF MEETING # 34**

Thursday October 14, 7:00 PM

General Purpose Room, Outdoor Centre  
Little Cataraqui Creek Conservation Area, Kingston

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**Present:** John C. Williamson, Chair      Richard Bresee      Rob Cumming  
Joan Green (arr. At 7:48 PM)      Jacques Labelle      Kathleen Laird  
Wendy Lavender      Richard Lindgren      Chris Mangan-Greene  
Nona Mariotti      Allan McPhail      Alex Palilionis  
Jeff Peters      Peter Raabe      Kevin Riley

**Regrets:** John Conley      Gary Davison      Scott Ewart  
Kim Sytsma

**Staff Present:** Donna Cellini, Project Secretary  
Kimberly Denison, Resource Technician (left at 8:32 PM)  
Rob McRae, Project Manager, Source Water Protection  
Christine Woods, Source Protection Planner

**Guests:** None

At 7:07 P.M. Chair John C. Williamson, called the meeting to order.

**1) Roll Call and Mileage**

There were 11 voting members present.

**2) Adoption of Agenda**

Moved by: Nona Mariotti  
Seconded by: Richard Bresee

**THAT** the Cataraqui Source Protection Committee members adopt the meeting agenda as amended.

**Carried**

A new correspondence item 7 d) Letter from Janet Stavinga, Chair, Mississippi-Rideau Source Protection Committee, and Sommer Casgrain-Robertson, Co-Project Manager, Mississippi-Rideau Source Protection was added to the agenda.

**3) Declarations of Conflict of Interest**

There were none.

**4) Approval of Cataraqui Source Protection Committee Minutes**

- a) Approval of September 9, 2010 Cataraqui Region Source Protection Committee Minutes

Moved by: Rob Cumming  
Seconded by: Nona Mariotti

**THAT** the minutes of the September 9, 2010 meeting of the Cataraqui Source Protection Committee be approved as circulated.

**Carried**

**5) Business Arising**

There were none.

**6) Delegations**

There were none.

**7) Correspondence**

- a) Letter from Susan Goebel, Bioniche Life Sciences Inc. to Chair John C. Williamson, regarding Econiche vaccine, dated September 10, 2010

Rob McRae opened up discussion regarding this letter. The members then discussed how the cost of this vaccine was about \$10.00 per head and that a member of Bioniche Life Sciences Inc. was willing to come to a SP Committee meeting and do a short presentation and answer questions.

- b) Letter from Claude Cousineau, Chair, and Richard Pilon, Project Manager, Raisin-South Nation Source Protection Region, to John C. Williamson, Chair, regarding draft proposed assessment reports for the Raisin and South Nation source protection areas, dated September 16, 2010

Rob McRae advised the members that the Raisin-South Nation Source Protection Region's Proposed Assessment Report had been posted and that the comment period had ended on October 11, 2011. Chair John Williamson suggested that the members consider attending a future public open house for this region.

- c) Letter from Ian R. Smith, Ontario Ministry of the Environment, to Source Protection Committee Chairs and Project Managers, regarding septic system policies and re-inspection programs, dated October 6, 2010

Rob McRae advised the committee that there are two potential septic re-inspection aspects to consider, the first is a mandatory program in selected vulnerable areas and the second would be a larger area if the municipality is interested in expanding the program across a broader landscape.

There was a brief discussion about data sharing with municipalities and others. Wendy Lavender commented that the Conservation Authorities would have a 4 month window to upload the GIS information into a provincial portal that will allow all the information and layers to be centrally located. This portal would have both an internal and public interface.

It was suggested that if all the 2009/10 stewardship funding is not used close to the deadline that the conservation authority staff push for more septic upgrades by possibly going door to door to residences that could be affected by the re-inspection program.

The question as to the percentage of identified significant drinking water threat landowners that have taken advantage of the stewardship was raised. Staff will provide this percentage at a later date but did advise the members that there have been about 35 different projects funded under the program.

Ms. Lavender also advised the members that a re-inspection overview document will be provided from the MOE and should be beneficial.

- d) Letter from Janet Stavinga, Chair, Mississippi-Rideau Source Protection Committee, and Sommer Casgrain-Robertson, Co-Project Manager, Mississippi-Rideau Source Protection Region to Source Protection Committee Chairs and Project Managers, regarding draft proposed assessment reports for Mississippi-Rideau Source Protection Region, dated October 12, 2010.

Chair John Williamson suggested that the members take some time to look over the Mississippi-Rideau Proposed Assessment Report as their landscape is similar to that of the Cataraqui area.

## 8) Business/Reports

- a) Updated Assessment Report for 2011

- i. Improvements to Livestock Density Calculations - Kimberly Denison, Resource Technician and Rob McRae, Project Manager

Kimberly Denison updated the members on the livestock density calculations and what remaining work is required to complete these calculations for the Cataraqui area.

There was a question from the members as to how the nutrient units relate to each breed of animal and the acreage required to support these nutrient units.

Staff have prepared the following: Livestock density is the number of farm animals in a given area. Livestock density is standardized to nutrient units per acre since different types of animals produce different amounts of manure with different nutrient values. A nutrient unit is based on the manure equivalent of nutrients contained in 43 kg of nitrogen or 55 kg of phosphate. The livestock density values were calculated based on MOE Technical Rules. The use of a standardized nutrient unit allows a comparison of farm animals, "apples to apples". Each type of farm animal is assigned a number of nutrient units per animal, based on the *Ontario Nutrient Management Act, 2002* (example 1 beef cow = 1 nutrient unit).

Agricultural source material introduces nutrients and pathogens that could threaten the safety of drinking water sources. The classification of this activity as a significant, moderate or low drinking water threat is dependent on its specific location (vulnerability score) as well as the combination of the managed land percentage and livestock density for the vulnerable area. The chemical circumstances (nitrogen and total phosphorus) are divided into three groups based on the number of animals on a farm and field area:

- Less than 0.5 NU/acre/year;
- 0.5 to 1 NU/acre/year;
- Greater than 1 NU/acre/year.

In general, the greater the managed land percentage and livestock density, the greater the inherent risk to drinking water. (>NU/acre/year = greater risk)

**Resolution CSPC 22-10**

Moved by: Richard Bresee  
Seconded by: Kevin Riley

**BE IT RESOLVED THAT** the Cataraqui Source Protection Committee receives the updated information on livestock density (for selected vulnerable areas) that is outlined in the report of the Resource Technician and Project Manager (dated October 7, 2010) for consideration in preparing the updated Cataraqui Assessment Report and the Cataraqui Source Protection Plan.

**Carried**

- ii. Update on Conditions (Work by Sarah Ramey, SP Research Assistant) - Christine Woods, SP Planner

Christine Woods updated the members on the recent findings regarding conditions and the remaining work required to enumerate the conditions and related drinking water threats.

There was extensive conversation amongst the members and staff as to how to prioritize the verification of reported conditions. It was agreed that the problem needed to be scoped to a more manageable number of sites with potential conditions and related drinking water threats. Rob McRae will return to the SP Committee with a plan taking into consideration the members input.

b) Source Protection Plan Development

- i. Key Outcomes: Ontario Ministry of the Environment Workshop, Brockville, October 13th - John Williamson, Chair

Chair, John Williamson opened a conversation with the members regarding the MOE workshop that most of them attended on October 13<sup>th</sup>. Chair Williamson indicated that he thought that the session was well organized and that the MOE staff were well prepared.

There was plenty of feedback from the members regarding the session that Wendy Lavender will take back and use to help with the remaining sessions to take place across Ontario.

- ii. Draft Table of Contents - Rob McRae, Project Manager

Rob McRae reviewed the draft table of contents for the source protection plan with the members and reminded them that there is a desire to maintain some consistency throughout Eastern Ontario.

Mr. McRae also advised the members that there is a plan to create a data base on DVD so that public member could select an area or municipality or type of threat and then see what the plan states for these particulars.

Mr. McRae also received permission to share the draft table of contents with other source protection regions in eastern Ontario.

Mr. McRae also suggested that the final table of contents be reviewed by the members close to the completion of the draft plan.

**Resolution CSPC 23-10**

Moved by: Kevin Riley  
Seconded by: Richard Bresee

**BE IT RE SOLVED THAT** the Cataraqui Source Protection Committee endorses the use of the Draft Table of Contents – Source Protection Plan: Cataraqui Source Protection Area (2012) (dated October 7, 2010) by Cataraqui Region Conservation Authority staff on an interim basis.

**Carried**

iii. Policy Evaluation Criteria - Christine Woods, SP Planner

Christine Woods presented a refined set of policy evaluation criteria. She indicated that they had been revised taking into consideration the input of the members, the experience from the policy foundation sessions and the MOE training session in October 2010. Existing policies and legislation will be used whenever possible and she made note that more than one policy can be used for one threat. Ms. Woods also informed the members that they will be required to provide their rationale as to why a particular policy was selected for a threat.

It was suggested that future meeting minutes might need to be more detailed to create a thorough record as to why certain policies were chosen over others.

**Resolution CSPC 24-10**

Moved by: Richard Bresee  
Seconded by: Nona Mariotti

**BE IT RE SOLVED THAT** the Cataraqui Source Protection Committee approves the proposed framework as outlined in the report titled “Policy Evaluation Criteria” (dated October 8, 2010) and prepared by Christine Woods, Source Protection Planner.

**Carried**

**9) Sector Updates from the Committee**

There was a question regarding the upcoming municipal election and if the members that currently hold municipal seats are not re-elected if they would be required to give up their seats on the Committee. Rob McRae advised the members that if a member was not re-elected that under the regulation the Cataraqui Source Protection Authority would ask the particular municipality if they would like to appoint another person to the Committee or if they would like their existing representative to remain on the Committee.

**10) Announcements or Inquiries**

- a) Notice of Completion from Utilities Kingston – Sewage Infrastructure Master Plan for the City of Kingston Urban Area (September 14, 2010)

Chair John Williamson made note of this Notice of Completion and how helpful this will be to the source protection committee.

- b) There was a question from the members as to whether or not the French language requirements for the drinking water source protection were being met.

Mr. McRae advised the members that he believed that all requirements were being met.

**11) Motions/Notice of Motion**

There were none.

**12) Opportunity for Questions from the Media**

There were no questions.

**13) IN CAMERA Session**

This was not required.

**14) Next Meeting**

Next meeting of the SP Committee: November 18, 2010  
7:00 PM Regular Meeting  
General Purpose Room, Outdoor Centre  
Little Cataraqui Creek Conservation Area, Kingston

An updated schedule of Committee meetings through April 2011 was previously circulated to the members. Members were asked to provide questions/comments on the schedule to the Chair or Project Manager.

**15) Adjournment**

The meeting adjourned at 10:18 P.M. on a motion by Nona Mariotti.

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John C. Williamson, Chair

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Rob McRae, Project Manager