

THE CATARAQUI SOURCE PROTECTION COMMITTEE
MINUTES OF MEETING # 28

Thursday March 11, 6:00 PM

Outdoor Centre, Little Cataraqui Creek Conservation Area,
1641 Perth Road Glenburnie, Ontario

Present: John C. Williamson, Chair John Conley Scott Ewart
Joan Green Jacques Labelle Kathleen Laird
Wendy Lavender Richard Lindgren Chris Mangan-Greene
Nona Mariotti Allan McPhail Jeff Peters
Peter Raabe Kevin Riley Kim Sytsma

Regrets: Richard Bresee Rob Cumming Gary Davison
Alex Palilionis (proxy to Kate Laird)

Staff Present: Donna Cellini, Project Secretary
Holly Evans, Water Quality Specialist
Lauren Forrester, Water Quality Specialist
Nicole Irvine, SWP Technician
Karla Maki-Esdon, Communications Coordinator
Rob McRae, Project Manager, Source Water Protection
Erin Oogarah, GIS Technician
Titia Praamsma, Hydrogeologist
Sean Watt, Water Resources Engineer
Christine Woods, Source Protection Planner

Guests: Katie Fairman, Ontario Ministry of the Environment (MOE)

At 6:11 P.M. Chair John C. Williamson, called the meeting to order.

1) Roll Call and Mileage

There were 15 members present and 1 member had declared his proxy to another.

2) Chair's recognition of Kim and Charlie Sytsma

Chair John Williamson congratulated Kim Sytsma and her husband Charlie for winning the 2010 Environmental Stewardship Award. Kim and Charlie have done some great work on their farm near Athens, to ensure the water does not become contaminated by their cattle herd.

Kim Sytsma provided a short presentation outlining the many changes they made on the farm to help protect the water.

3) **Adoption of Agenda**

Moved by: Kim Sytsma
Seconded by: Kevin Riley

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

Carried

4) **Declarations of Conflict of Interest**

There were none.

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

- a) Approval of February 11, 2010 Cataraqui Region Source Protection Committee Minutes

Moved by: Nona Mariotti
Seconded by: Kathleen Laird

THAT the minutes of the February 11, 2010 meeting of the Cataraqui Source Protection Committee be approved as amended.

Carried

6) **Business Arising**

- a) Requirements for the Removal of Fuel Storage Tanks – Wendy Lavender, MOE Liaison

Wendy Lavender briefly discussed the process that is followed in Ontario to ensure that all fuel storage tanks are removed properly and safely.

- b) Update from Mayor John Conley regarding Elgin

Mayor Conley advised the SP Committee that the United Counties of Leeds and Grenville are continuing to work with MOE regarding the property in Elgin that is now undergoing Phase 2 testing. Together they will ensure that the study is complete and that good clean water is supplied. They are also investigating the possibility of a new well to ensure there will be no water quantity issues in the future.

7) **Delegations**

There were none.

8) **Correspondence**

The following items of correspondence were acknowledged by the SP Committee:

- a) Jacques Labelle mentioned a recent newspaper article he had read indicating that 399 municipalities across Canada are without sewage treatment and that 550 have sewage treatment that is not adequate. This was taken from a federal government report. Of these 949 municipalities, 106 are in the Province of Ontario.
- b) Letter from Heather Kirby, Green Communities Canada to John C. Williamson, Chair, Cataraqui Source Protection Committee, regarding community based private well stewardship programs, dated February 9, 2010.

- c) Letter from Ian R. Smith, Director, Source Protection Programs Branch, Ontario Ministry of the Environment to Project Managers, Source Protection Authorities, regarding drinking water threats under federal jurisdiction, dated February 23, 2010.

9) **Business/Reports**

- a) Status of the Assessment Report – Assessment Report Subcommittee and Rob McRae, Project Manager, Comments by Rick Lindgren

Rick Lindgren updated the SP Committee on the status of the draft assessment report by indicating that the CRCA staff team is working toward the April 2010 timeline of releasing the draft assessment report publicly. Among other items they are working specifically on the ten components that were considered incomplete as of December 2009. Mr. McRae advised the SP Committee that staff from the CRCA met with the MOE in January 2010 and some additional gaps were identified at that time and the CRCA staff will strive to close these gaps. The Assessment Report Subcommittee will be meeting with the staff on March 22, 2010 to provide further input. The target is to circulate an improved draft of the assessment report to the SP Committee with the agenda package on April 1st.

- b) Updated Communications Strategy for the Assessment Report – Karla Maki-Esdon, Communications Coordinator

Karla Maki-Esdon updated the SP Committee on the 12 municipal council presentations. She suggested that since these presentations will be a couple months removed from the draft assessment report publication, the SP Committee should hold three public open houses following the publication of the draft assessment report. The suggestion is to hold these public open houses in the east (Brockville), central (Kingston) and west (Napanee, jointly with the Quinte Source Protection Region), through late April and May.

Resolution CSPC 06-10

Moved by: Kim Sytsma
Seconded by: Kevin Riley

BE IT RESOLVED THAT the Cataraqui Source Protection Committee approves the revised Communications Strategy for the forthcoming Assessment Report: Cataraqui Source Protection Area in accordance with the report of the Communications Coordinator dated March 3, 2010.

Carried

- c) Draft Findings for the Assessment Report: Eastern Lake Ontario and Upper St. Lawrence River Intake Protection Zone 3 – Sean Watt, Water Quality Resources Engineer

Sean Watt provided the SP Committee with a progress update on the Intake Protection Zone 3 modeling for eight intakes in Lake Ontario and St. Lawrence River. He clarified that this could be updated in the revised assessment report due approximately in the summer of 2011. He proposed modifications to the IPZ 3 map for these intakes based on the findings from research at Queen's University that used 2006 field data.

Resolution CSPC 07-10

Moved by: Kim Sytsma
Seconded by: Nona Mariotti

BE IT RESOLVED THAT the Cataraqui Source Protection Committee approve the approach for considering delineation of the Intake Protection Zone 3 as presented by Sean Watt, Water Quality Resources Engineer, on March 11, 2010 for use in developing the Cataraqui Assessment Report and the Cataraqui Source Protection Plan.

Carried

- d) Draft Findings for the Assessment Report: Lansdowne Wellhead Protection Area Study Phase '3' and Tier 2 Water Budget – Sean Watt, Water Quality Resources Engineer

Sean Watt informed the SP Committee that there were no major concerns identified during the peer review of these findings.

Resolution CSPC 08-10

Moved by: Kevin Riley
Seconded by: Chris Mangan-Greene

BE IT RESOLVED THAT the Cataraqui Source Protection Committee receives the findings of the Lansdowne Wellhead Protection Area Phase '3' Study and the Lansdowne Tier 2 Water Budget Study (as presented by Intera Engineering Inc. at the February 11th, 2010 meeting and described by the Water Resources Engineer at the March 11th meeting), for consideration in preparing the Cataraqui Assessment Report and the Cataraqui Source Protection Plan.

Carried

- e) Draft Findings for the Assessment Report: Drinking Water Issue Evaluation for Highly Vulnerable Aquifers and Significant Groundwater Recharge Areas – Lauren Forrester, Water Quality Specialist

Lauren Forrester indicated that the Technical Rules: Assessment Report (MOE, 2009) under the Ontario *Clean Water Act, 2006* allow for the identification of ambient groundwater issues in the broader vulnerable areas (Rule 115.1). For those issues it is helpful and appropriate to explain the issues and their possible causes in the report but it is not necessary to identify the associated issue contributing areas.

Resolution CSPC 09-10

Moved by: Jacques Labelle
Seconded by: Kim Sytsma

BE IT RESOLVED THAT the Cataraqui Source Protection Committee receives the findings of the issue evaluation in highly vulnerable aquifers and significant groundwater recharge areas (completed according to Assessment Report Technical Rule 115.1), as outlined in the report of Lauren Forrester, Water Quality Specialist (dated March 4, 2010) for use in the Cataraqui Assessment Report and the Cataraqui Source Protection Plan.

Carried

f) Draft Findings for the Assessment Report: Drinking Water Threat Inventory (report attached; presentation) (commencing ~ 7:30 PM)

- i. Conditioning salt as a non-prescribed drinking water threat – Sean Watt, Water Resources Engineer

Sean Watt indicated that as per the request by the SP Committee that the staff have proceeded to request that conditioning salt be added as an additional (non-prescribed) type of threat and expect to receive a positive response from the MOE.

- ii. Activities along corridors as a non-prescribed drinking water threat – Lauren Forrester, Water Quality Specialist

Lauren Forrester indicated that as per the SP Committee request, the CRCA staff have requested that certain substances transported along transportation corridors be added by the MOE as non-prescribed threat circumstances.

- iii. Livestock density and managed lands – Erin Oogarah, GIS Technician

Erin Oogarah advised the SP Committee on the alternative method used to enumerate the managed lands and live stock density for the Cataraqui Source Protection area using the best available data and assumptions.

Ms. Oogarah stated that pending the concurrence of the SP Committee, a request to use the method in Highly Vulnerable Areas and Significant Groundwater Recharge Areas would be submitted to the MOE per Technical Rule 15.1.

Wendy Lavender was asked if she could please contact OMAFRA to obtain actual livestock numbers.

- iv. Landowner contact, Conditions – Nicole Irvine, SWP Technician

Nicole Irvine updated the SP Committee on the enumeration of significant drinking water threats in accordance with the protocol approved by the SP Committee in May 2009. The CRCA staff are about to mail out Letter #2 so that the landowners would be able to assist in these calculations. The SP Committee requested that a generic copy of this letter be circulated to them.

Ms. Irvine went on to discuss conditions; she noted that none had been identified to-date based on the lack of data. There were a number of related studies mentioned by the SP Committee members. These studies and other evidence could be very helpful to identify potential conditions in preparing the Assessment Report; concerns can be investigated further in the revised versions. The SP Committee should please provide any of these reports, studies or concerns to the CRCA staff so they can be brought forth earlier rather than later.

Resolution CSPC 10-10

Moved by: Nona Mariotti
Seconded by: Kim Sytsma

BE IT RESOLVED THAT the Cataraqui Source Protection Committee receives the updated drinking water threat inventory findings that are outlined by the Cataraqui Region Conservation Authority staff in their report dated March 4, 2010 for consideration in preparing the Cataraqui Assessment Report and the Cataraqui Source Protection Plan.

Carried

- v. Motions by Jacques Labelle, Public Representative: Aquifer-Based Home Heating and Cooling Installations (updated document attached)

Jacques Labelle reiterated his concern regarding aquifer-based heating systems on well water and proposed a resolution that was not carried. There was debate as to whether or not matters such as these are within the mandate of the SP Committee. It was discussed further and the SP Committee agreed to send the MOE a letter voicing their concern for the negative impacts that aquifer-based heating systems could have on the quality and quantity of water in the Cataraqui Source Protection Area. Mayor John Conley asked that it be noted that he was opposed to sending a letter.

- g) Source Protection Plan Regulation (Proposed Amendments to O. Reg. 287/07)

- i. Overview – Wendy Lavender, MOE Liaison

Wendy Lavender gave a presentation to the SP Committee regarding the proposed regulation changes and explained the need for such changes. The MOE will use the regulation to set parameters for the source protection planning process. Ms. Lavender highlighted that the requirements are intend to allow for local flexibility. She indicated that existing Prescribed Provincial Instruments should be used to avoid regulatory duplication.

- ii. SP Committee Comment Letter – Christine Woods, Source Protection Planner

Christine Woods worked with the SP Committee to finalize the letter being sent to the MOE regarding the proposed amendments to Ontario Regulation 287/07.

Resolution CSPC 11-10

Moved by: Nona Mariotti
Seconded by: Chris Mangan-Greene

BE IT RESOLVED THAT the Cataraqui Source Protection Committee approves of the letter to the Ontario Ministry of the Environment in reference to the proposed amendments to Ontario Regulation 287/07 (General) (EBR Posting 010-8766) as discussed at the meeting of March 11, 2010;

AND THAT the CRCA staff be requested to submit the letter to the Ministry by March 26th.

Carried

h) Proposed Meeting Schedule to December 2010

Rob McRae presented a proposed meeting schedule for the balance of 2010 for approval by SP Committee. He noted that the Thursday April 8th meeting will be preceded by a tour of the Lafarge North America Inc. facility at Bath for members and staff. Dinner will be served at the meeting location (St. John's Memorial Hall in Bath) for members and staff. The November meeting date was proposed to move to Thursday November 18th due to the 11th (Remembrance Day) being a statutory holiday for the CRCA.

Resolution CSPC 12-10

Moved by: Kim Sytsma
Seconded by: Kathleen Laird

BE IT RESOLVED THAT the Cataraqui Source Protection Committee approves the dates for its regular meetings to December 2010 that were outlined by Project Manager at the meeting of March 11, 2010.

Carried

10) Sector Updates from the Committee

Joan Green reported that KFL&A Public Health will be keeping the responsibility for the Ontario Building Code on-site sewage system inspection program.

11) Announcements or Inquiries

- a) Bay of Quinte Remedial Action Plan – Back to the Bay Event (Belleville, March 25th)

Chair John Williamson advised the SP Committee of the above event.

- b) Save the Prison Farms Benefit Concert (Kingston, March 20th)

Jeff Peters advised the SP Committee and CRCA staff of an upcoming awareness concert and advised everyone that they could be purchase tickets from him.

12) Motions/Notice of Motion

There were none.

13) Opportunity for Questions from the Media

There were no questions.

14) IN CAMERA Session

There were no questions.

15) Next Meeting

Next meeting of the SP Committee: Thursday April 8, 2010

5:00 PM Tour of the Lafarge North America Inc. facility
6501 Bath Road (Highway 33)
(for members and staff)

~6:15 PM Dinner

St. John's Memorial Hall
216 Church Street, Bath

7:00 PM Regular Meeting

St. John's Memorial Hall
216 Church Street, Bath

16) Adjournment

The meeting adjourned at 9:49 P.M. on a motion by Kim Sytsma.

John C. Williamson, Chair

Rob McRae, Project Manager