

April 21, 2011

The Source Protection Board of Directors Meeting of the St. Clair Region Conservation Authority was held on the above date, at the Administration Office, in Strathroy, at the hour of 12:30 p.m.

Present: Andy Bruziewicz, Chair; Larry MacKenzie, Vice Chair; Bill Bilton, Terry Burrell, Elizabeth Davis-Dagg, Joe Faas, Norm Giffen, Helen Havlik, Betty Ann MacKinnon, Kevin Marriott, Jon McEachran, Steve Miller, Lonny Napper, Martin Vink, Jeff Wesley

Absent: Steve Arnold, Tony Bruinink, Rod Glen, Dan McMillan, Frank Nemcek

The Chair welcomed everyone to the meeting.

**SP-11-001**

**Burrell - Giffen**

**“That the Board of Directors adopts the agenda as proposed for the meeting.”**

**CARRIED**

The Chair requested that each Director declare a conflict of interest at the appropriate time, on any item within this agenda in that a Director may have pecuniary interest.

**SP-11-002**

**Burrell - Giffen**

**“That the minutes of the Board of Directors meeting, held June 10, 2010 be approved as distributed.”**

**CARRIED**

A Staff Report on the MOE approval of the our Amended Proposed Assessment Report was discussed.

- the province has approved the St. Clair Region Amended Proposed Assessment Report. The Assessment Report includes:
  - the identification of vulnerable areas associated with municipal drinking water sources,
  - the types of activities which would be considered threats in those vulnerable areas,
  - any water quality issues associated with the raw (untreated) water to municipal drinking water systems which could be addressed through source protection planning,
  - a water budget which assesses areas where the quantity of water available for the municipal drinking water source may be stressed, and
  - general background material which might be useful in developing a Source Protection Plan.
- the work on the Assessment Report began in 2008 with the first series of public meetings held in August of 2009. The comments received were considered by the Source Protection Committee as the Assessment Report was developed.
- the Draft Proposed Assessment Report was distributed and posted for comment on March 19, 2010 followed by three open houses. Comments on this document were considered in the Proposed Assessment Report which was posted and distributed again on May 14, 2010 for further comments and sent to the Ministry of the Environment. At the time, it was acknowledged that additional

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- information was required for the Assessment Report to be complete.
- this additional information was added along with amendments based on comments from the Ministry and the public for the next version which was re-posted and distributed for comment as the Amended Proposed Assessment Report on February 3, 2011.
- following the comment period, it was submitted to the province on February 24.
- approval was received on March 24, 2011.

**SP-11-003****Burrell - Giffen**

**“That the Board of Directors acknowledges the report dated April 7, 2011 on the MOE approval of the St. Clair Region Amended Proposed Assessment Report.”**

**CARRIED**

A Staff Report on the study to development the final areas of review around each of the intakes within the region was discussed.

- an intake protection zone (IPZ) is defined as the surface area surrounding an intake that may be vulnerable to contamination. The IPZ is further divided as follows:
  - IPZ-1, the primary protection area around the intake,
  - IPZ-2, the secondary protective zone for the intake, generally defined based on a minimum 2-hour time of travel,
  - IPZ-3, all upstream surface water courses that may contribute to an intake.
- the IPZs define a geographic area where potential threats and risks are assessed.
- in the St. Clair Region Source Protection Area (SCRSPA), three municipal intakes draw water from Lake Huron, St. Clair River, and the Chenal Ecarte.
- numerical modeling was undertaken in support of the IPZ-3 delineation using Baird’s proprietary three-dimensional hydrodynamic model named MISED. The model includes the western end of Lake Erie, the Detroit River, Lake St. Clair and the St. Clair River, and was used to delineate the IPZ -3 for all the three intakes.
- this work is in progress and is expected to be complete by 16<sup>th</sup> April, 2011. Technical advisory committee will meet on 13<sup>th</sup> April 2011 to discuss the draft results submitted by the consultant.

**BD-11-004****Burrell - Giffen**

**“That the Board of Directors acknowledges the report dated April 21, 2011 on the study to development the final areas of review around each of the intakes within the region.”**

**CARRIED**

A Staff Report on Source Water Protection activities and staffing was reviewed.

- the Source Water Protection Committee has commenced the process of reviewing and formalizing discussion papers relating to each of the general threats categories:
  - hauled sewage
  - waste disposal
  - stormwater
  - wastewater
  - septic systems

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- industrial sewage
- agricultural source material
- non-agricultural source material
- fertilizer
- pesticides
- livestock pasturing and outdoor confinement
- fuel
- organic Solvents and DNAPLS
- road salt
- snow storage
- aircraft de-icing
- transportation spills
- wells
- other Transport Pathways
- these discussion papers will form the basis for public consultation on these threats and eventually lead to the development of the source protection plan
- some staffing changes have occurred in regards to Source Protection this year.
  - Chitra Gowda has taken a position with Essex Region Conservation Authority (ERCA). She will continue to assist us part time under an agreement with ERCA but some of her duties will be covered by Water Resources Engineer Girish Sankar and therefore funding support for Girish has been adjusted
  - Ingrid Vanderschot is expecting with a due date in June – as we transition to fill her position and cover her duties, Water Resources Technician Steve Clark will be assisting the transition of Ingrid’s duties and her position of Source Protection Policy Advisor has been posted as a 12 month contract with applications due on or before April 20, 2011

**SP-11-005**

**Burrell - Giffen**

**“That the Board of Directors acknowledges the report dated April 8, 2011 on Source Water Protection activities and staffing.”**

**CARRIED**

A staff report on appointments and extensions to the Source Protection Committee was reviewed.

- Background
  - the striking committee was formed by the Conservation Authorities, acting as the Source Protection Authorities (SPAs), to carry out their shared responsibilities related to the formation of the Source Protection Committee (SPC).
  - there were two vacancies in the Source Protection Committee which needed to be filled.
  - as required by the Clean Water Act, the SPC is made up of 1/3 members representing municipalities, 1/3 representing economic sectors of the region and 1/3 representing interests other than the other 2/3.
  - both vacancies were created in the “other” third of the committee.
  - while geographic balance between the SPAs is not legislated, the striking committee endeavoured to balance the SPC from the three SPAs.

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- both vacancies were created by people who lived in the Upper Thames River SPA.
- the original appointments to the SPC were expiring and required extension to align with the anticipated approval of the Source Protection Plans to be consistent with the Clean Water Act.
- Discussion
  - advertisements were placed in local newspapers across the region
  - the striking committee selected candidates to interview
  - John Trudgen was appointed. John has considerable municipal administrative experience as well as experience with a number of water systems across Ontario. John is also quite familiar with the Planning and Drainage Acts.
  - the advertisement was reposted.
  - George Marr applied, was interviewed and appointed. George brings to the committee his experience in risk from an insurance perspective as well as active involvement with a number of environmental, recreation and civic organizations including the UTRCA
  - a letter from the London District Chief's Council was received which appointed Darlene Whitecalf. Darlene is a band councilor with the Chippewas of the Thames First Nation. In January 2010 the SPA acknowledged the appointment of 2 of the 3 possible First Nations members of the SPC.
  - SPC members willing to continue in their role have had their appointments extended to the end of 2012 to align with the anticipated approval of the Source Protection Plans for the region as required by the Clean Water Act.
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Chair	Robert Bedggood
Municipalities	Sheldon Parsons Darrell Randell Patrick Donnelly James Maudsley Brent Clutterbuck Pat Sobeski Joe Salter
Agriculture	John Van Dorp Patrick Feryn Don McCabe
Industry/ Commercial	Dean Edwardson Earl Morwood
Aggregate/Oil and Gas	Paul Hymus Joe Van Overberghe
Other	John Trudgen Doug McGee Joseph Kerr Carl Kennes Valerie McGarry George Marr Charles Sharina

First Nations	Kennon Johnson Augustus Tobias Darlene Whitecalf
Liaison Positions	Murray Blackie (Conservation Authorities) Jim Reffle (Health Units) Teresa McLellan (MOE)

**SP-11-006****Burrell - Giffen**

**“That the Board of Directors acknowledges the report dated March 8, 2011 and further that both the appointments of the three new members and the extension of the previous members to the Source Protection Committee be confirmed.”**

**CARRIED**

A staff report on the Source Protection Striking Committee was discussed.

- Background
  - the striking committee was formed by the Conservation Authorities, acting as the Source Protection Authorities (SPAs), to carry out their shared responsibilities related to the formation of the Source Protection Committee (SPC).
  - the striking committee has 6 members, 2 from each of the 3 SPAs in the region.
  - the striking committee:
    - provided recommendations to the MOE on the appointment of the chair of the SPC,
    - appointed members of the SPC,
    - and accepted the policies of the committee.
  - the members efforts and Albert Bannister’s leadership in chairing the striking committee is greatly appreciated.
  - a joint committee of the 3 SPAs in the region remains an effective and efficient way of collaborating to carry out the shared responsibilities of the SPAs
  - in January 2010 Albert Bannister and Murray Blackie were reconfirmed as the UTRSPA members of the striking committee for the purpose of reappointments.
  - SPC members willing to continue in their role have had their appointments extended to 2012 to align with the anticipated approval of the Source Protection Plans for the region as required by the Clean Water Act.
  - following approval of the Source Protection Plans the striking committee would be required to reconsider one third of the appointments of the SPC each year.
  - two vacancies were recently filled by the striking committee which is the subject of another report to the authority.
- Discussion
  - while it is possible to reform the striking committee as needed, it would require that SPA meetings be held by all three authorities to select members to sit on the striking committee.
  - the Conservation Authorities in the region generally hold their SPA meetings immediately before or following their board meetings.
  - the CAs in the region generally meet, monthly however there are months which they do not

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hold meetings. As such forming the striking committee when required may take 2 to 3 months.

- in the event of future vacancies it is important that they be filled as quickly as possible given that filling vacancies is a lengthy process, it is important that the process not be delayed additionally while a striking committee is formed.
- SPC vacancies do not affect the required quorum, but it does affect the committee's ability to achieve the 2/3 quorum required to meet as a committee.
- as such it is recommended the SPAs reaffirm their membership on the striking committee annually.
- each SPA has used different methods to provide their striking committee members to make the striking committee (responsibility of the chair and vice-chair or appointing specific members).
- either way, re-affirming membership annually is recommended so that the SPA remain connected with the striking committee and their role in forming and continued support of the Source Protection Committee and that new members of the striking committee understand their responsibilities.
- annual reaffirmation will also ensure that the striking committee is ready in case future vacancies occur.

**SP-11-007**

**Burrell - Giffen**

**“That the Board of Directors acknowledges the report dated March 8, 2011 and further appoint the Chair and Vice Chair to represent the St. Clair Source Protection Authority on the Striking Committee.”**

**CARRIED**

**SP-11-008**

**Burrell - Faas**

**“That the meeting be adjourned.”**

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Andy Bruziewicz  
Chairman

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Ralph Coe  
General Manager