

**NORTH BAY-MATTAWA SOURCE PROTECTION AUTHORITY
MINUTES
of the**

Annual General Meeting of the North Bay-Mattawa Source Protection Authority held at 6:30 p.m. on January 25, 2017 in the North Bay-Mattawa Conservation Authority Natural classroom, 15 Janey Avenue North Bay, Ontario.

MEMBERS PRESENT:

Bonfield, Township of	-	Jane Lagassie	(6:30 pm – 7:17pm)
Callander, Municipality of	-	Rob Noon	(6:30 pm – 7:17pm)
Calvin, Township of	-	Ian Pennell	(6:30 pm – 7:17pm)
Chisholm, Township of	-	Nunzio Scarfone	(6:30 pm – 7:17pm)
East Ferris, Municipality of	-	Mike Voyer	(6:30 pm – 7:17pm)
Mattawan, Municipality of	-	Carole Curran	(6:30 pm – 7:17pm)
Nipissing, Township of	-	Liz Smith	(6:30 pm – 7:17pm)
North Bay, City of	-	Dave Mendicino	(6:30 pm – 7:17pm)
North Bay, City of	-	Jeff Serran	(6:30 pm – 7:17pm)
Papineau –Cameron, Township of	-	Alvina Neault	(6:30 pm – 7:17pm)

MEMBER(S) ABSENT:

Mattawa, Town of	-	Lorne Mick
North Bay, City of	-	Chris Mayne
Powassan, Municipality of	-	Dave Britton
South River, Village of	-	Les Mahon
Strong, Township of	-	Vi Montpetit

ALSO PRESENT:

Brian Tayler, CAO, Secretary-Treasurer
Crystal Barnes, Sewage System Inspector
Katelyn Lynch, Water Resources Engineer
Helen Cunningham, Finance/Human Resources Supervisor
Jeff Celentano, Chair, Source Protection Committee
Joel Harrison, Water Resources Specialist
Kurtis Romanchuk, Source Protection Specialist
Maria Russell, Accounts Clerk
Paula Scott, Director of Planning and Development
Paula Loranger, Community Relations Coordinator
Rebecca Morrow, Administrative Assistant
Robert Palin, Sewage System Program Manager
Sue Buckle, Supervisor, Communications and Outreach
Sue Miller, Manager, Drinking Water Source Protection

1. Welcome & Approval of the Agenda

The Chair welcomed everyone to the meeting and extended regrets on behalf of Lorne Mick, Chris Mayne, Dave Britton, Les Mahon and Vi Montpetit for not being able to attend the meeting. After discussion, the following resolution was presented:

Resolution No. SPA01-17, Serran-Voyer

THAT the agenda is approved as written.

Carried Unanimously

2. Declaration of Pecuniary Interest

None declared.

3. Appointment of Chief Administrative Officer as Chair

The CAO informed members that he had received written correspondence from Chris Mayne requesting that his name be allowed to stand for the position of Vice Chair if nominated. After discussion the following resolutions were presented:

Resolution No. SPA02-17, Neault-Pennell

THAT the Chief Administrative Officer be appointed as Chair for the purpose of conducting the election of Source Protection Authority Chair and Vice Chair.

Carried Unanimously

Resolution No. SPA03-17, Serran-Curran

THAT Paula Scott and Helen Cunningham be appointed as Scrutineers for the election of Officers.

Carried Unanimously

4. Election of Officers

The Acting Chair called for nominations for the position of Chair.

Mike Voyer nominated Dave Mendicino

After a second and third call for nominations and with no response, the following resolution was presented:

Resolution No. SPA04-17, Neault-Serran

THAT nominations for the position of Chair are closed.

Carried Unanimously

The Acting Chair asked Dave Mendicino if he would accept the position of Chair for the year 2017. Dave accepted.

The Acting Chair called for nominations for the position of Vice Chair.

Jane Lagassie nominated Chris Mayne

After a second and third call for nominations and with no response, the following resolution was presented:

Resolution No. SPA05-17 Pennell-Curran

THAT nominations for the position of Vice Chair are closed.

Carried Unanimously

The Acting Chair had received a letter from Chris Mayne indicating that he was willing to let his name stand for the position of Vice Chair, should he be nominated.

At this point in the meeting the Chief Administrative Officer turned the meeting over to the newly appointed Chair.

5. Adoption of Previous Minutes of October 26, 2016

After discussion the following resolution was presented:

Resolution No. SPA06-17, Noon-Curran

THAT the minutes of the meeting held on October 26, 2016 be adopted as written.

Carried Unanimously

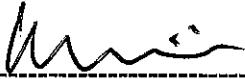
6. Board Meeting Schedule

After discussion the following resolution was presented:

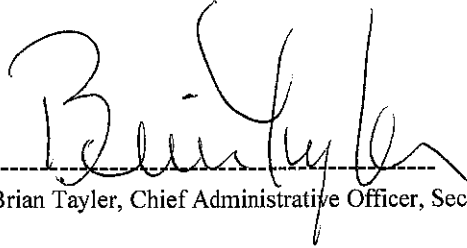
Resolution No. 09-17, Pennell-Neault

THAT the meeting be adjourned, and the next meeting will be held at 6:30pm on Wednesday March 22, 2017 or at the call of the Chair.

Carried Unanimously



Dave Mendicino, Chair



Brian Tayler, Chief Administrative Officer, Secretary Treasurer

TO: The Chairman and Members of the
North Bay-Mattawa Source Protection Authority (SPA)

ORIGIN: Sue Miller, Manager Source Water Protection

DATE: January 19, 2017 (for AGM meeting January 25)

SUBJECT: **Project Manager's Report**

BACKGROUND:

Since 2007, the SPA has been charged with the task of overseeing the development and implementation of a local Source Protection Plan (SP Plan) developed by the Source Protection Committee (SPC). The SPA works to ensure compliance with the Clean Water Act (2006) and its regulations. The North Bay-Mattawa Conservation Authority (NBMCA) administers the program and provides necessary resources according to an agreement with the SPA. The NBMCA also has a role in watershed management mandated by legislation other than the CWA.

Items in this report include the following and are all intended for information only:

1. MOECC request for Municipal self-assessment of wastewater treatment facilities
2. Municipal commitments to address water quality issue in Callander ICA
3. Review of Vulnerability Scoring of the North Bay intake
4. Assessing the threat posed by the Energy East oil pipeline
5. SP Plan Implementation and Program Update (Annual Reporting Trial Exercise)

ANALYSIS:

1. MOECC request for Municipal Self-Assessment of Wastewater Facilities

Municipalities with wastewater treatment facilities will soon receive a request from the Ministry of Environment and Climate Change (MOECC) to complete a brief self-assessment of the risk such facilities may pose to sources of drinking water. This is an initial screening exercise that is part of MOECC's responsibility to review all existing environmental compliance approvals for wastewater treatment facilities and consider amendments as appropriate to protect sources of drinking water. The Ministry has not yet created the questionnaire but has promised to advise Source Protection project managers one day in advance of sending requests to municipalities. Based on an understanding of the local situation, the wastewater facilities for Mattawa, North Bay, and Powassan should be fairly simple because the facilities and their discharges are not located where they could impact the municipal drinking water source. To our knowledge, only the Callander lagoons are expected to undergo a complete review of the conditions specified in their Environmental Compliance Approval. This is due to the lagoons discharging directly to Callander Bay and the phosphorus could contribute to the proliferation of toxic algal blooms.

2. Municipal Commitments to Address Water Quality Issue in the Callander ICA

On December 1, 2016, all five municipalities with territory in the Callander ICA met to discuss their remaining responsibilities for implementation of ICA Policies and consider the findings of the Erosion and Runoff Mitigation Study undertaken by Water's Edge. The study was paid for from municipal funds allocated for SP Plan implementation.

The need for the study was based on initial research by Nipissing University and NBMCA which indicated that high phosphorus loading in the Wasi River was related to turbidity (murky water) following rain storms. Phosphorus enters streams bound to soil particles. So what was the source of the soil particles? Unlike farming in many areas of southern Ontario, there is very little cultivation of the land to expose soil to the erosive forces of wind and rain. There were two unexpected findings of the study that identified circumstances that had been completely off our radar:

- a. Municipal roadworks, skewed culvert installations and inadequate bridge design are contributing to the problem in many locations, and
- b. Although current agricultural practices generally maintain good cover of the soil, historic societal efforts to drain wetlands, straighten water courses, reduce localized flooding and move water as quickly as possible off the land, all contribute to dramatic increases in downstream flows.

Fast flowing water erodes streambanks, particularly when culverts direct incoming flows toward downstream banks. The problem worsens as the amount of flowing water and its speed increase. These are substantial factors contributing to algae blooms that are not among the official Prescribed Activities that are identified as threats to drinking water.

Following the update and presentation, meeting participants from all municipalities agreed that a work plan needs to be developed to outline a multi-year strategy to continue the research, monitoring and education & outreach efforts as required by the Source Protection Plan. A working group of municipal representatives, supported by source protection program staff, will be formed to complete the task by this fall, over the next months in time to inform municipal budget planning for 2018.

As well, NBMCA staff will plan a conference for municipal public works staff to be held in early spring. Topics will include an overview of the relevant problems and recommendations for better practices to help alleviate them. These presentations will be followed by a discussion among participants to identify which problems are most important for each municipality, what changes would help, and what challenges might impede adoption of those practices?

3. Review of Vulnerability Scoring of the North Bay Intake

In response to an analysis presented to the SP Committee, staff are engaging a Technical Advisory Committee including a professional consultant to review the vulnerability scoring of the North Bay intake. It should be noted that the preference of the MOECC is to have all such reviews wait until the next round of Source Protection Planning unless there is an immediate need. We are making

the case that the current scoring may be providing a false sense of security to the City of North Bay with respect to possible threats to its source of drinking water in Trout Lake. Since this is the sole source for the City, it is important to verify that we have correctly identified the threats and have appropriate protection in place. Waiting for the next round of planning and scheduled approval timelines could leave the system inadequately protected until 2025.

The Technical Advisory Committee (TAC) is being formed to support the review, which should be completed by the end of this MOECC agreement period March 31, 2017. If the TAC recommends any changes, these would be presented to the SP Committee to consider the application of existing policies to new areas or any need to draft new policies. Public consultation would have to be undertaken if there are any changes proposed to either vulnerability scoring or SP Plan policies because some property owners could be affected. Following such consultation, any proposed revisions to the Assessment Report and/ or SP Plan would be presented to the SP Authority for consideration and approval to submit the requested revisions to MOECC.

4. Assessing the Threat Posed by the Energy East Pipeline as Proposed

The Trout Lake Site Specific Risk Assessment released by TransCanada Pipelines Ltd in September 2014 is under review by NBMCA staff. The draft critique should be completed in the next few days and then shared for comment by the local team. The review will help inform our case before the National Energy Board. It will also be utilized by the Technical Advisory Committee reviewing the vulnerability of the North Bay intake.

5. Annual Reporting of SP Plan Implementation and Other Program Updates

Although the first Annual report to MOECC on progress toward full implementation of the SP Plan implementation is not due until next year, like many regions we are now undertaking a trial exercise that will identify any shortcomings and allow them to be addressed. The responsibility for the report falls to the SP Authority. The SP Committee who originally developed the SP Plan and its policies must be given the opportunity for review.

Timelines are as follows:

Agency or Board / Task	Date
Implementing bodies (including municipalities) to report on annual progress	February 1, 2017 (and every year)
Source Protection Committee Review of Draft Annual Report	February 27, 2017 (unconfirmed)
Source Protection Authority (SPA) Approval of Annual Report	March 22, 2017
SPA Submission to MOECC	May 1, 2017

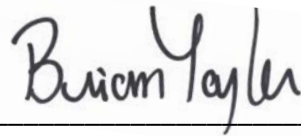
The Work Plan and Funding request for the next fiscal (2017-18) was submitted to MOECC in December. The request reflects a similar level of activity and need for support as the current period. MOECC has advised that they will be following up with project managers over the upcoming weeks, but decisions will need to consider projected positions of each applicant at March 31, 2017 and completion of the objectives of the current agreements. Therefore, no decisions are expected prior to submission and review of Draft Final Reports due February 13, 2017.

RECOMMENDED RESOLUTION(S):

1. That this report be received and appended to the minutes of this meeting.



Susan Miller
Manager, Source Water Protection



Brian Tayler
CAO, Secretary Treasurer