

MISSISSIPPI-RIDEAU SOURCE PROTECTION REGION

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APPTOVED MINUTES

Mississippi-Rideau

Source Protection Committee

October 4, 2018

#3/18

Location: Rideau Valley Conservation Centre
3889 Rideau Valley Drive, Manotick

Present: Scott Bryce Carol Dillon
Ken Graham Michel Kearney
Drew Lampman Patricia Larkin
Peter McLaren *Bev Millar
Eleanor Renaud

Bilal Kidwai (Ministry of the Environment Liaison)

Duncan Abbott (Source Protection Authority Liaison)

Guests: Tessa Di Iorio City of Ottawa
Diane Smithson Town of Carleton Place

Staff: Sommer Casgrain-Robertson John Garrah
Marika Livingston Michelle Paton
Brian Stratton

Regrets: Scott Berquist
Kathryn Downey (Medical Officer of Health Liaison)
Paul Knowles
Randy Malcolm
Lyle Pederson (Source Protection Authority Liaison)

1.0 Welcome and Introductions

Ken Graham called the meeting to order at 1:03 pm.

Chair Graham introduced Marika Livingston, the new Source Protection Project Manager. Ms. Livingston volunteered that she had spent the last five years working for South Nation Conservation during which she was actively involved with the Raisin-South Nation South Protection Region Committee.

a) Agenda Review

Chair Graham reviewed the agenda.

b) Notice of Proxies

**Bev Millar left the meeting*

Bev Millar provided her notice of proxy to Eleanor Renaud.

Ken Graham confirmed that quorum was achieved with this notice of proxy.

c) Adoption of the Agenda

Motion 1-3/18

Moved by:

Peter McLaren

Seconded by:

Carol Dillon

That the Agenda be approved as circulated.

Carried

d) Declarations of Interest None

e) Approval of Minutes

Patricia Larkin noted that the amended minutes of the Mississippi-Rideau Source Protection Committee meeting of April 5, 2018 were to be attached to the current Agenda package. Staff will distribute the amended April 5, 2018 minutes electronically.

Motion 2-3/18

Moved by:

Patricia Larkin

Seconded by:

Eleanor Renaud

That the minutes of the Mississippi-Rideau Source Protection Committee meeting of August 9, 2018 be approved as circulated.

Carried

f) Correspondence None

2.0 Section 36 Workplan Update

Marika Livingston provided an update on the Section 36 Workplan. Ms. Livingston advised that the draft workplan had been submitted to the province in August for preliminary review. Ms. Livingston noted that feedback received from the province to date has been positive. The final workplan will be presented to the Source Protection Authorities for approval in mid-October. The workplan is to be submitted to the province by November 30, 2018.

Ms. Livingston clarified that comments have been received from the province on the Section 36 Workplan as well as on the Section 34 amendment to the Source Protection Plan regarding the Richmond Wells.

In response to a question from a member regarding the lack of stakeholder comments, Brian Stratton clarified that municipalities had already seen the final report.

In response to a question from a member, Brian Stratton clarified that there is a requirement to develop a policy if a pipeline does go through the area.

Scott Bryce asked that the revised final report incorporating comments be circulated to members.

Motion 3-3/18

Moved by:

Scott Bryce

Seconded by:

Drew Lampman

That the Mississippi-Rideau Source Protection Committee review the comments received for the Section 36 Workplan and direct staff to prepare and submit the Section 36 Workplan to the Ministry of the Environment, Conservation and Parks.

Carried

3.0 Richmond Well Amendment Update

Brian Stratton provided an update on the Richmond Well amendment (slides attached). A new municipal well system, comprised of two wells, is to serve the Western Development Lands in the community of Richmond. These wells now have a mapped Wellhead Protection Area. Groundwater extraction at the new wells will affect two existing Wellhead Protection Areas in King's Park (Richmond) and Munster. The Mississippi Valley and Rideau Valley Source Protection Authorities are seeking an amendment to the Mississippi-Rideau Source Protection Plan before the new well system is brought online. A new Assessment Report section, Section 5.7 Munster and Richmond Water Supplies will replace Section 5.7 Munster Water Supply & Richmond – King's Park Water Supply. Mr. Stratton noted that there are no changes to the source protection policies.

Brian Stratton confirmed that the mandatory 35-day consultation period ended on September 28, 2018. A notice of amendment was posted on the website and in the Manotick Messenger. Copies of the amendment and the Source Protection Plan were available at the Mississippi Valley and Rideau Valley Conservation Authority offices. As of September 27, 2018, only comments from the Ministry of Environment, Conservation and Parks had been received. The Richmond well amendment will be presented to the Mississippi Valley and Rideau Valley Source Protection Authorities for approval to submit to the Ministry of Environment, Conservation and Parks on October 17, 2018 and 27, 2018 respectively and submitted to the Ministry shortly thereafter.

Brian Stratton reported that comments received from the province were positive. Three comments were received on the Source Protection Plan and four comments on the Assessment Report. These comments (attached) were emailed to members last week. Mr. Stratton then reviewed the comments and staff responses.

Brian Stratton advised that while this is the first amendment for the Committee to consider, more amendments are expected in the future.

Carol Dillon noted that vulnerability refers to contamination but questioned the effects of water depletion. Brian Stratton explained that the province has advised Committees to focus on water quality rather than water quantity. Bilal Kidwai advised that two of the drinking water threats do address water quantity and that combined with the *Safe Drinking Water Act* architecture of Permits to Take Water and the *Ontario Water Resources Act* combine to control the amount of water available to draw.

Brian Stratton clarified that the workplan will be implemented in 2019 and should take two to three years to complete. All drinking water systems, including the new Richmond system, will be reviewed during this timeframe.

Motion 4-3/18

Moved by: Peter MacLaren
Seconded by: Drew Lampman

That the Mississippi-Rideau Source Protection Committee receive this update about the upcoming amendment to the Source Protection Plan to add two new municipal wells and associated Wellhead Protection Area for Western Development Lands in Richmond,

And furthermore,

That the Mississippi-Rideau Source Protection Committee direct staff to proceed with presenting the amendment to the Source Protection Authority for approval.

Carried

4.0 Proposed DNAPL Policy Amendment

Brian Stratton provided a history of DNAPL threats identified in 2010. These threats related primarily to dry cleaning facilities. Staff visited the identified sites and determined that the dry-cleaning facilities either no longer existed or were actually dry-cleaning depots that did not use DNAPLs.

In 2016, the province provided new DNAPL guidance and another assessment of DNAPL threats was conducted. This Phase I threat assessment concluded that there was a potential for DNAPL storage and handling within the Wellhead Protection Areas.

In 2017, risk management staff started Phase II of the threat assessment. 65 site visits were completed and used as an opportunity to build relationships with business owners and provide educational information. Some products, mainly aerosol cans in the automotive industry, were identified as DNAPLs. These products were found in small quantities at 20 sites including retail stores, automotive repair shops and stores selling automotive products. Overall, there were no business that handle or store large volumes of DNAPLs. However, some automotive repair/maintenance businesses were confirmed to use products that contain DNAPLs in small quantities. Risk Management Plans are being negotiated for existing properties using these products.

New automotive service businesses are currently prohibited in areas where the storage and handling of DNAPLs is a significant drinking water threat (Wellhead Protection Areas A, B and C). For some municipalities like North Grenville, the affected area is large. Source Protection staff are encountering difficulties with the implementation of this prohibitive policy. This prohibition goes beyond the initial intent of the Source Protection Plan DNAPL policies especially when automotive facilities are using and storing small quantities. Staff would like to initiate an amendment to the DNAPL policy with respect to future prohibition. The recommendation would be to continue to prohibit future development in Wellhead Protection Areas (A) and Intake Protection Zones with a Vulnerability Score of 10. For Wellhead Protection Areas B and C with a Vulnerability Score of less than 10, the recommendation is to provide an exemption for Retail (unopened) small container DNAPL storage, require a Risk Management Plan for small container DNAPL handling and storage, or continue prohibition for non-small container DNAPL handling and storage. It was noted that once purchased, aerosol cans can be taken anywhere in the Wellhead Protection Area and Source Protection staff would have no knowledge of any potential new threat sites. Staff acknowledged that more education and outreach programs are necessary to make the public aware of DNAPLs and their impacts.

In response to a question from a member about land purchasing processes, Brian Stratton advised that municipalities have a thorough screening process relating to land purchases which is conducted very early in the purchasing process. Maps viewed in a GIS system have a Source Protection layer identifying any constraints. The applicant has to complete a checklist which asks if DNAPL chemicals will be used. Education and outreach programs are very important. Marika Livingston advised that Conservation Ontario has produced some literature for real estate agents, lawyers and appraisers which will be disseminated across the province and which can then be shared with their clients. Ms. Livingston added that within three years of a municipality's Official Plan coming into effect, each municipality will have to update zoning by-laws to conform to the Source Protection Plan. These changes are expected to happen soon.

Members discussed spill management and disposal issues. It was noted that aerosol cans should be treated as hazardous waste. Brian Stratton described a proposed pilot Orange Bin Program which could help prevent aerosol cans and

DNAPLs from being disposed of at landfill sites.

Marika Livingston confirmed that staff are looking to see what has been done to address DNAPLs in other areas of the province. Staff were asked to bring the Section 34 amendment to update DNAPL policies back to the Committee at the next meeting.

Brian Stratton reiterated that the future DNAPL policy goes beyond the initial intent and will likely become a big issue if not addressed.

Bev Millar returns

Motion 5-3/18

Moved by:

Carol Dillon

Seconded by:

Drew Lampman

That the Mississippi-Rideau Source Protection Committee approve the initiation of a Section 34 amendment to update DNAPL policies as per staff proposal.

Carried

5.0 Other Business

Chair Graham advised that the October face-to-face Chair's meeting has been cancelled and no future meeting has been scheduled. A webinar is planned for October 30, 2018.

In response to a request for resources on climate data within Ontario, Bilal Kidwai confirmed that he had forwarded the information to staff for distribution to the Committee.

Bilal Kidwai provided information on railway threats which are not considered to be prescribed drinking water threats but are considered to be local threats.

Chair Graham noted that this is the last meeting of the year and there is still money in the budget for education and outreach activities. Chair Graham suggested that funds could be used post-election to education incumbents and new municipal councillors.

Sommer Casgrain-Robertson advised that conservation authority staff would be participating in Leeds and Grenville's county-wide Council Orientation on Saturday, November 10, 2018 and suggested that they could include a bullet on Source Protection. Ms. Casgrain-Robertson added that she hoped that the conservation authorities could also get on to the agendas at the Counties of Lanark and Frontenac if they were to offer similar training.

