

MISSISSIPPI-RIDEAU SOURCE PROTECTION REGION

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FINAL MINUTES

Mississippi-Rideau

Source Protection Committee

November 7, 2019

#2/19

Location: Rideau Valley Conservation Authority
3889 Rideau Valley Drive, Manotick, ON K4M 1A5

Present:

Scott Bryce	Carol Dillon
Ken Graham	Michel Kearney
Drew Lampman	Patricia Larkin
Claude Lloyd	Randy Malcolm
Peter McLaren	Bev Millar
Eleanor Renaud	Diane Smithson
Wilf Stefan	

Kathryn Downey (Medical Officer of Health Liaison)

Via

Teleconference Mary Wooding (Ministry of Environment, Conservation and Parks Liaison)

Staff: John Garrah (RVCA)
Marika Livingston (RVCA)
Michelle Paton (RVCA)
Brian Stratton (RVCA)

Regrets: John Hall (Source Protection Authority Liaison)
Pieter Leenhouts (Source Protection Authority Liaison)

1.0 Welcome and Introductions

Ken Graham called the meeting to order at 1:00 p.m. and asked for a round of introductions.

a) **Agenda Review**

Chair Graham reviewed the agenda. Marika Livingston noted that there was a typographical error in Agenda Item 1.0 e. The date should be 2019 and not 2018.

b) **Notice of Proxies** None

c) **Adoption of the Agenda**

Chair Graham asked that the Agenda be approved as per the above noted amendment.

Motion 1-2/19

Moved by:

Diane Smithson

Seconded by: Eleanor Renaud

That the Agenda be approved as amended.

Carried

d) **Declarations of Interest** None

e) **Approval of Minutes**

In response to a question from Carol Dillon regarding the climate change science-based handbook tool, Mary Wooding advised that the pilot was recently completed. Results will likely be addressed during discussions between project managers, municipalities and technical staff when discussing changing to the Directors' Technical Rules.

Chair Graham identified an error on Page 3, Line 3. The word "Committee" is missing after Mississippi-Rideau Source Protection.

Motion 2-2/19

Moved by: Scott Bryce

Seconded by: Bev Millar

That the minutes of the Mississippi-Rideau Source Protection Committee meeting of April 4, 2019 be approved as amended.

Carried

f) **Correspondence** None

2.0 **Section 34 Amendment**

Marika Livingston noted that on November 1, 2019 staff received an invitation from the Ministry to submit a 2020/2021 funding request. Staff will work to submit the funding application before the deadline of November 29, 2019.

Marika Livingston then gave a presentation (attached) on the Section 34 Amendment.

In April 2019, a second Section 34 Amendment was initiated to address two items: the North Grenville Well and Dense Non-Aqueous Phase Liquids Policy Revision.

The North Grenville Well was constructed in 2015 to supply two commercial subdivisions. Due to the timing of the construction of this well, it was not brought into the Assessment Report and Source Protection Plan; this was identified by the Ministry last year as a priority to ensure that the North Grenville Well is afforded the same level of protection as other systems.

Since our meeting in April 2019, technical work to revise the Assessment Report and Source Protection Plan have been completed including two consultation periods. During the pre-consultation period, only comments from the Ministry of Environment, Conservation and Parks (MECP) were received. During the public consultation periods, only general comments were received from the public and from the Ministry.

Marika Livingston directed members to the map on Slide 3 which illustrates the area affected by the new well. The Wellhead Protection Area for the neighbouring municipality of Merrickville-Wolford is affected by the new well due to groundwater flow.

One of the significant changes would be to WHPA-C. The yellow dashed line shows the former WHPA-C extent, which for North Grenville well, used to extend into the City of Ottawa's boundary. The blue dashed line shows the new WHPA-C extent, which also is the extent of the DNAPL Zone where DNAPL policies apply.

Four businesses have been flagged during our threats assessment as potentially significant drinking water threats due to the revised WHPA. They have all been contacted and two of the four have followed up for more information from our office.

The SPC was made aware at previous meetings about challenges with implementation of DNAPL policies. This spring, we initiated an Amendment to update and revise these policies. In April, we provided the Committee with a draft outline of policy revisions. Since then we received some suggestions from MECP and have made slight updates to our policy revisions.

In summary, we are proposing to:

- Add a retail sales establishment exemption to DNAPL-1-LB-S58. Therefore, existing retail sales establishments will not be required to complete an RMP for the storage of DNAPLs. This is consistent with our new policy DNAPL-4-LB-S58 whereby the same exemption applies but for future businesses.
- There are no changes proposed to DNAPL-2-LB-S57, new businesses that handle and store DNAPLs are still prohibited from being established in WHPA-10
- DNAPL-3-LB-S57 is a new policy that prohibits the storage and handling of DNAPLs in quantities greater than 25 L (this policy was developed to target large commercial operations that store industrial quantities of these products)
- DNAPL-4-LB-S58 is a new policy that requires a Risk Management Plan for new businesses that propose to store and handle DNAPLs in quantities less than 25 L (this policy targets smaller operations that use small quantities of this product, such as an automotive repair shop).

The Amendment will be presented to the Source Protection Authorities for

approval to submit on November 28, 2019 (Rideau Valley) and December 18, 2019 (Mississippi Valley) and submitted to the Ministry shortly after.

In response to a question from Patricia Larkin, Marika Livingston confirmed that these new policies are in line with other Source Protection Regions in the province.

Motion 3-2/19

Moved by: Diane Smithson
Seconded by: Drew Lampman

That the Mississippi-Rideau Source Protection Committee receive this update and direct Source Protection staff to submit the Section 34 amendment.

Carried

3.0 Section 36 Workplan Update

Brian Stratton noted that staff submitted the Section 36 Workplan to MECP on November 14, 2018 in compliance with the order dated August 27, 2014 under Section 36 of the *Clean Water Act*. On April 15, 2019, an amended Order was received from the Ministry, outlining requirements governing the contents and timeframes of the review and the process to be followed for any updates.

Brian Stratton reviewed the progress of proposed Workplan items noting that mandatory Workplan items must be completed by December 2021.

The Source Protection Plan Policy Review for Part IV Policies addresses the DNAPL policies which are proceeding as a Section 34 Amendment.

Marika Livingston and Brian Stratton have begun to work on a Source Protection Plan Policy for New Liquid Hydrocarbon Oil Pipeline Threat and Significant Groundwater Recharge Area Vulnerability Scoring Change. They are currently reviewing mapping to determine if new policies are required. As well, a threat assessment is to be undertaken. Mr. Stratton noted that, originally, the Mississippi-Rideau Source Protection Committee had not developed a policy to address pipelines but now the province is asking that policies be developed. Mr. Stratton advised that there will be more information coming. Mr. Stratton noted that while we do have one pipeline which goes under the Rideau River near the Hunt Club bridge, there are no drinking water systems on this stretch of the river. There will be more information to come.

The Source Protection Plan Policy Update for fuel storage in IPZs and WHPA-Es with scoring 9 or higher has not been addressed as staff have been working on the DNAPL policies and the new well in Kemptville. Staff will now turn their attention to this new Policy Update. Brian Stratton reiterated that mandatory Workplan items do not have to be completed until 2021.

Work on the Lemieux Island Water Purification Plant Intake Improvement Project

has been deferred until 2020-2021. Patricia Larkin asked how staff deal with the uncertainty of a project that has been ramped up and then gets deferred to a later date. Brian Stratton answered that staff are now completing their budget for next year. We have to try to anticipate what will happen over the next year.

Climate Change Assessment – there is some work being done by Mississippi Valley Source Protection staff.

Clerical Changes to the Assessment Report and Source Protection Plan are being addressed by staff.

Brian Stratton advised that even though staff have been completing the amendment for the well in the Eastern Quadrant in Kemptonville, a new well is also being planned for the Western Quadrant. This new well is on hold for now.

Water Takings Assessment for Municipal Wells in Almonte: Almonte is undertaking a study to determine if there is a need to revise the Wellhead protection studies. This is being undertaken by the municipality.

Water Quality Assessment for Municipal Wells in Westport: this assessment is ongoing and staff are waiting for an update from the municipality.

Consideration of Phase 2 Technical Rule Changes: there is an upcoming meeting in November for Project Managers and technical people from the municipalities.

Well Relocation Project in Munster: the City has advised that one of the two wells in Munster is not working properly and may need to be moved. Staff are waiting on an update.

New Municipal Well in Richmond: the City has advised that they are considering another development on the eastern side of Richmond. Eleanor Renaud questioned whether Richmond would need another new well. Brian Stratton confirmed that this new development would require a new well.

The Highly Vulnerable Aquifer (HVA) Guidance Document is not a mandatory item but staff believe it is important to municipalities. Staff are working on this. Patricia Larkin questioned who the audience is. Brian Stratton responded that it is mostly municipal planners. Ms. Larkin volunteered help staff with a draft document.

Motion 4-2/19

Moved by:

Carol Dillon

Seconded by:

Patricia Larkin

That the Mississippi-Rideau Source Protection Committee receive for information the Section 36 Workplan Update.

Carried

4.0 MECP 2018 Annual Report Highlights

Mary Wooding presented highlights from the MECP 2018 Annual Report (Presentation Attached).

Patricia Larkin questioned what the target of risk management plans was or how many plans would be necessary (Slide 10). Mary Wooding responded that Ministry staff did not have a target identified.

In response to a question from Eleanor Renaud, Marika Livingston confirmed that risk management plans are non-transferable. Ms. Wooding noted that the risk management official and the landowner work together to complete an appropriate risk management plan. If the property changes ownership, a new risk management plan must be drafted.

Patricia Larkin questioned whether reporting on the Environmental Monitoring of Drinking Water Issues comes from drinking water system management rather than source protection. Mary Wooding confirmed that drinking water system management has at minimum annual reporting requirements.

Patricia Larkin asked if there was someone in the province who could study how variable funding models across municipalities contribute to or reduce drinking water parameters.

Bev Millar questioned whether the increased use of road salt during the winter can increase sodium levels at wells and drinking water intakes. Mary Wooding advised that there is a salt working group looking at salt and sodium issues.

Peter McLaren questioned the delay in Lake Erie's delay in reporting was to do with phosphorous loading. Mary Wooding added that Lake Erie has a massive area and a complex geography.

Motion 5-2/19

Moved by: Eleanor Renaud
Seconded by: Drew Lampman

That the Mississippi-Rideau Source Protection Committee receive for information the MECP 2018 Annual Report Highlights.

Carried

5.0 Rules and Procedures Document Update

Marika Livingston advised that under the *Clean Water Act* every Source Protection Committee in Ontario must prepare Rules of Procedure, Code of Conduct and Conflict of Interest Policies. In January 2008, the Mississippi-Rideau Source Protection Committee adopted Governing Policies and the Source Protection Authorities approved them shortly after.

As it has been over ten years since this document was reviewed and updated,

staff are recommending a review of the existing Governing Policies to be consistent with changes over the past few years to our Source Protection Committee size and operation.

The main changes to the document are updating the membership numbers from 15 to 12, changes to who receives notice of meetings to be consistent with our general practices, updated numbers to reflect majority vote due to reduced committee size, removal of the second clause “f” on page 24, the removal of clause “c” on page 25.

Marika Livingston advised that with the new funding agreement, Agenda packages will no longer be sent to members by courier. They will be available by email and copies may be available in print form at the meeting.

A copy of the draft revised policies will be presented to the Source Protection Authorities for approval later this year.

Scott Bryce questioned whether the Acknowledgement on page 33 would have to be signed by members. Chair Graham responded that the draft policies have to be approved by the Source Protection Authorities first.

Motion 6-2/19

Moved by:

Carol Dillon

Seconded by:

Diane Smithson

1. That the Mississippi-Rideau Source Protection Committee approve the revised Governing Policies.
2. That the Mississippi-Rideau Source Protection Committee share the Governing Policies with the Source Protection Authorities for their review and approval.

Carried

6.0 Other Business

Chair Graham advised that Marika will be leaving on maternity leave on November 22. A new Co-Project Manager has been hired on a contract basis. Brian Stratton advised that Kestrel Wragget will start November 15, 2019. Ms. Wraggett will be taking the four-day risk management course which provides a great deal of background information on the *Clean Water Act*.

7.0 Member Inquiries

There were no Member Inquiries.

8.0 Next Meeting

The date of the next meeting is to be determined.

9.0 Adjournment

Motion 7-2/19

Moved by:

Drew Lampman

The meeting was adjourned at 2:20 p.m.

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Ken Graham
Chair

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Michelle Paton
Recording Secretary