

**SOURCE PROTECTION COMMITTEE (SPC) MEETING MINUTES**  
**July 27<sup>th</sup>, 2022**  
**IN PERSON and**  
**VIA VIDEO CONFERENCE**

**MEMBERS PRESENT**

Matt Pearson, Dave Frayne, Paul Heffer, Ian Brebner, Jennette Walker, Bert Dykstra, Mary Ellen Foran, Alyssa Keller, Phillip Keightley, Rowland Howe

**MEMBERS PRESENT VIA VIDEO CONFERENCE**

Myles Murdock

**MEMBERS ABSENT**

Allan Rothwell, John Graham

**LIAISONS PRESENT**

Maitland Valley Source Protection Authority (SPA) Liaison – Phil Beard

**LIAISONS PRESENT VIA VIDEO CONFERENCE**

Ausable Bayfield Source Protection Authority (SPA) Liaison – Brian Horner  
Ministry of Environment, Conservation and Parks (MECP) Liaison Officer – Beth Forrest  
Huron Perth Public Health Liaison – Lori Holmes

**DWSP STAFF PRESENT**

Donna Clarkson, Mary Lynn MacDonald, Tim Cumming, Elizabeth Balfour

**MEMBERS OF THE PUBLIC**

Emily Vandermeulen– Risk Management Inspector, Wellington  
Dhawni Mittal – Student for Wellington

**CALL TO ORDER**

Chair Matt Pearson called the meeting to order at 9:37 a.m., and welcomed Emily and Dhawni to the meeting.

**AGENDA**

**MOTION #SPC: 2022-07-01**

**“That the amended agenda for the July 27<sup>th</sup>, 2022 meeting be approved as presented.”**

**Carried by Consensus.**

**APPROVAL OF MINUTES**

**MOTION #SPC: 2022-07-02**

**Moved by Jennette Walker  
Seconded by Bert Dykstra**

**“That the SPC minutes from March 31<sup>st</sup>, 2022 be approved as presented.”**

**Carried.**

**BUSINESS OUT OF THE MINUTES**

None

**DECLARATION OF PECUNIARY INTEREST**

None

**CORRESPONDENCE**

Correspondence was received from the Ministry of the Environment, Conservation and Parks (MECP) in regards to Early Engagement for the Section 36 Amendment. This correspondence was directed to Donna Clarkson and Mary Lynn MacDonald as the Project Managers for the Ausable Bayfield Maitland Valley Source Protection Region (ABMV SPR). The letter referenced the specific updates to the assessment report that the ABMV SPR would be undertaking in their Section 36 and made additional recommendations

**CHAIR'S UPDATE**

Chair Matt Pearson reminded the committee that in the event that SPC members are unable to attend a meeting either in-person or via video conferencing that a proxy can be given to another SPC member who will be present at the meeting. By giving proxy to another member, it ensures that quorum is maintained. Chair Pearson also highlighted

the need to elect an Acting Chair as his term is coming to an end in August and the province has up to 6 months to fill the position. It is also beneficial to have someone in place if the chair is unable to attend meetings. Chair Pearson noted that all Source Protection Chair terms across the Province are ending at the same time.

### **ELECTION OF ACTING CHAIR**

**MOTION #SPC: 2022-07-03**

**Moved by Ian Brebner  
Seconded by Dave Frayne**

**“That Bert Dykstra be elected as Acting Chair for the SPC.”**

**Carried.**

### **PROGRAM UPATE**

Mary Lynn MacDonald, Co-DWSP Program Supervisor, highlighted the ongoing Education and Outreach that the ABMV SPR participates in through the Water Wednesday social media campaign. This social media campaign does not target a specific audience and is directed toward the general public. Mary Lynn and Tim Cumming are working with Allan Rothwell on a Source Protection video that will focus on the consultation process required for the proposed Source Protection Plan amendment. Ausable Bayfield Conservation Authority Education staff have been using the SPC videos to educate watershed students about Source Protection. Source Protection staff have also sent out public and municipal e-newsletters. Mary Lynn informed the SPC that the DWSP workplan and budget submitted to MECP were approved. This approval will cover the 2022-2024 fiscal years. The annual progress report was also submitted to MECP on April 26<sup>th</sup>, 2022.

### **EARLY ENGAGEMENT COMMENTS AND RESPONSE**

Donna Clarkson, Co-DWSP Program Supervisor, reviewed the Early Engagement process with the SPC members. In April, staff submitted the draft Source Protection Plan amendments and associated documents to MECP for Early Engagement review. MECP reviewed the documents and issued comments to staff on June 14<sup>th</sup>, 2022. For a list of comments received from MECP refer to the report ‘MECP Comments Regarding Draft SPP Amendments’. Most comments received were minor and required some wording changes for consistency. MECP suggested a review of the ASM, NASM, Grazing and

Organic Solvent polices and removal of detailed circumstances for consistency with other revised policies.

**AGRICULTURAL POLICIES**

As noted above, in their Early Engagement review MECP provided comments that suggested further revisions to some policies for simplification. In response, staff reviewed the agricultural policies and propose minor revisions to remove some of the threat circumstances. However, staff felt that leaving some circumstances in certain policies was helpful for Certified Crop Advisors and Nutrient Management Consultants who may be referencing these policies. The report 'Ag Policies Consistency with Other Amendment Policy Changes' outlines in detail the wording to be removed from the agricultural policies, and can be referenced for an understanding of the changes.

**MOTION #SPC: 2022-07-04**

**Moved by Jennette Walker  
Seconded by Rowland Howe**

**“That ASM, NASM, Pesticide and Fertilizer Policies AC 9.1 – 9.7 and RAC 9.8 be further revised as presented and approved to be included in the upcoming amendment to the Source Protection Plans.”**

**Carried.**

**Organic Solvents and Fuel Policies**

Staff did not initially propose any policies changes to the Organic Solvent category because the new Technical Rules did not reference any changes. Comments from MECP during Early Engagement noted that the policies still retained detailed circumstances and suggested they be further simplified. Simplification of the Organic Solvent policies would be consistent with the approach taken for other policies. For a detailed description of the deletions and revisions to the policies refer to the report 'Organic Solvents Policies; Fuel Policies.'

**MOTION #SPC: 2022-07-05**

**Moved by Alyssa Keller  
Seconded by Bert Dykstra**

**“That Organic Solvent Policies RAC 7.1 and 7.2 be revised as presented and approved to be included in the upcoming amendment to the Source Protection Plans.”**

**Carried.**

During the November 24<sup>th</sup>, 2021 SPC meeting, the committee approved revisions to the fuel policies to address the lowered threat thresholds in the 2021 Technical Rules. The policies were changed to align with the lower threshold. Staff have discussed the lower threshold for fuel with neighbouring Risk Management Officials, and there are concerns over the prohibition of fuel tanks less than 2500L. Staff recommends further policy revisions that would prohibit future fuel tanks greater than 2500L, but use the Risk Management Plan as a tool for existing and future tanks that are 250L to 2500L.

**MOTION #SPC: 2022-07-06**

**Moved by Mary Ellen Foran  
Seconded by Philip Keightley**

**“That revisions to the fuel policies RAC 2.1 and 2.2 be approved as presented and included in the upcoming amendment to the Source Protection Plans.”**

**Carried.**

#### **ZURICH PIPELINE UPDATE**

Jennette Walker, SPC Environmental Representative, provided an update on the installation of pipeline along Hensall-Zurich Road that will provide water from the Lake Huron Primary Water Supply System to the village of Zurich. Consulting firm, BM Ross, was retained for this project in 2016 as Bluewater Council had concerns about the aesthetic qualities of the groundwater being supplied by the municipal well. Zurich’s water quality is consistent for the area with higher levels of iron content and hardness. In terms of health concerns, Zurich’s water meets all provincial standards for safe drinking water, but does tend to have elevated levels of sodium, fluoride, and arsenic. These are all naturally occurring and are still within legislated levels. BM Ross presented four different options to Bluewater Council for the pipeline based on current connections and existing infrastructure. Option Three which included running 200mm pipe from Hensall’s existing line to Zurich was considered the most economical. The proposed water line has been increased to 300mm to provide extra fire fighting capabilities to Zurich. The project has also expanded to include some county road improvements and sidewalks. The expected completion date is fall of 2022. The Municipality of Bluewater will keep the existing reservoirs, but will decommission the existing wells. Once the project is complete, the mapping and Source Protection Plan will be updated for Zurich by removing the Wellhead Protection Area either in the current proposed amendment or through an s.51 amendment. Once approved, existing

Risk Management Plans associated with Zurich WHPA properties will be made null and void.

Myles Murdock arrived to the meeting via video conferencing at 10:40 a.m.

### **LAKE HURON PRIMARY WATER SUPPLY SYSTEM – EA FOR DISINFECTION AND STORAGE UPGRADE**

Marcy McKillop, Environmental Engineer for the Lake Huron Primary Water Supply System, gave a presentation on the review and expansion of the Lake Huron Primary Water Supply that is currently underway. The Lake Huron Primary Water Supply serves eight member municipalities, and can pump up to 340,000,000L of water a day. Completion of the 2020 Master Plan noted that there was a need for increased storage as well as a multi-barrier disinfection approach. Currently, the conventional plant relies solely on chlorine for disinfection, which is very effective, but there are concerns with its effectiveness when the water is extremely cold. A 2018 disinfection study noted this challenge. A list of alternatives was developed as solutions for the disinfection and storage issues. A short list of alternatives was created and the most feasible option chosen. The proposed expansion will include a below grade reservoir for increased storage and a UV disinfection treatment added prior to distribution. The building of the reservoir and UV building will require expansion into the Port Blake Day Use Park, owned by the Lake Huron Primary Water Supply. The expansion will also require some relocating of fuel storage. The proposed alternative will be taken to the Lake Huron Primary Water Supply System Board in the fall of 2022 and will be open for public consultation for 30 days in October. A detailed design will occur in 2023 and then construction as the final phase.

### **UPDATE ON CONSULTATION PLAN**

Donna Clarkson reviewed the three stages of consultation required before the amendments can be submitted to MECP. These three stages include: Early Engagement, Pre-Consultation, and Public Consultation. Donna reviewed the timeline for the three stages noting that Early Engagement had been completed. Pre-Consultation, the next step, is expected to occur between August 2022 and October 2022 with Public Consultation occurring in January 2023. The Pre-Consultation process requires that all implementing bodies i.e., municipalities, ministries and agencies be notified. Information packages will be emailed with a request for written comments.

**MOTION #SPC: 2022-07-07**

**Moved by Dave Frayne  
Seconded by Rowland Howe**

**“That staff be directed to complete the remaining Source Protection Plan edits and begin Pre-Consultation.”**

**Carried.**

**LIAISON UPDATES**

Lori Holmes, Huron Perth Public Health (HPPH) Liaison, gave an update on the activities occurring within HPPH. The Health Unit is still in the midst of pandemic response; however, the number of staff assigned to response is less. Currently, staff are engaging in beach sampling of public beaches for Huron and Perth Counties. Escherichia Coli (E. coli) levels this year are similar to previous years, and the lower Lake levels have allowed better access to beaches.

Ausable Bayfield Source Protection Authority (SPA) Liaison, Brian Horner, and Maitland Valley Source Protection Authority (SPA) Liaison, Phil Beard, had no update for the SPC at this time.

Emily Vandermeulen, Risk Management Inspector for Wellington, noted that they recently hired a Coordinator for development review and education/ outreach who has been focusing solely on development review. This is due to the large volume of development occurring in the area.

Beth Forrest, MECP Liaison Officer, was providing coverage for Catherine Eby. Beth noted that after the provincial election in June 2022, MECP retained their current Minister. Minister David Piccini is familiar with the operations of the Source Water Branch and the SPC Chair renewal process. Some restructuring did occur within the Source Water Branch, but no staff changes.

**NEXT MEETING**

The next meeting will be November 30<sup>th</sup>, 2022.

**ADJOURNMENT**

The meeting was adjourned at 11:57 a.m.

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Matt Pearson  
Chair

Elizabeth Balfour  
Recording Secretary