



# SAUGEEN VALLEY SOURCE PROTECTION AUTHORITY

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## A G E N D A

Meeting #31  
Friday, January 22, 2021

Saugeen Conservation  
1078 Bruce Road 12, Formosa ON

### CALL TO ORDER

1. **Adoption of Agenda**
2. **Declaration of Conflict of Interest**
3. **Adoption of Minutes of April 2, 2020 meeting - attached**
4. **Matters Arising from the Minutes**
  - None at this time
5. **Correspondence**
  - None at this time
6. **Reports**
  - Regulation 205/18: Notice for a new or changes to an existing municipal drinking water system – **Report 6a attached**
  - Source Protection Plan Amendments – **Report 6b attached**
7. **Other Business**
8. **Confirmation of Next Meeting and Adjournment**



#### Watershed Member Municipalities

Municipality of Arran-Elderslie, Municipality of Brockton, Township of Chatsworth, Municipality of Grey Highlands, Town of Hanover, Township of Howick, Municipality of Morris-Turnberry, Municipality of South Bruce, Township of Huron-Kinloss, Municipality of Kincardine, Town of Minto, Township of Wellington North, Town of Saugeen Shores, Township of Southgate, Municipality of West Grey



# SAUGEEN VALLEY SOURCE PROTECTION AUTHORITY

## MINUTES – MEETING #30

**MEETING:** Saugeen Valley Source Protection Authority  
**DATE:** Thursday, April 2, 2020  
**TIME:** 5:25 p.m.  
**LOCATION:** Electronic

**CHAIR:** Dan Gieruszak

**MEMBERS PRESENT:** Mark Davis, Barbara Dobreen, Mark Goetz, Cheryl Grace,  
Tom Hutchinson, Steve McCabe, Mike Myatt, Sue Paterson, Diana Rae,  
Christine Robinson, Bill Stewart

**ABSENT WITH REGRETS:** Paul Allen, Maureen Couture

**ABSENT:** Don Murray

**OTHERS PRESENT:** Carl Seider, Project Manager, Drinking Water Source Protection  
Dick Hibma, Interim General Manager/Secretary-Treasurer  
Janice Hagan, Administrative Assistant

The meeting was called to order at 5:25 p.m.

### **1. ADOPTION OF AGENDA**

#### **MOTION #SVSPA-20-01**

Moved by Maureen Couture  
Seconded by Mark Davis  
THAT the agenda be adopted as presented.

**Carried**

### **2. DECLARATION OF CONFLICT OF INTEREST**

No person declared a conflict of interest relative to any item on the agenda.

### **3. ADOPTION OF MINUTES**

#### **MOTION #SVSPA-20-02**

Moved by Mark Goetz  
Seconded by Cheryl Grace  
THAT the Minutes of the November 7, 2019 Source Protection Authority meeting be adopted as distributed.

**Carried**

## 4. CORRESPONDENCE

Letter dated January 21, 2020 from the Minister of the Environment, Conservation & Parks approving the s.36 Workplan was **noted and filed**.

## 5. MATTERS ARISING FROM THE MINUTES

There were no matters arising from the Minutes.

## 6. REPORTS

### a. Section 36 Draft Workplan Update Report 6a

Carl Seider presented Section 36 Draft Workplan Review (SPP Amendments) report. After discussion, the following motion was passed:

#### **MOTION #SVSPA-20-03**

Moved by Tom Hutchinson

Seconded by Mike Myatt

THAT the Saugeen Valley Source Protection Authority receives a copy of Section 36 Workplan Update Report 6a for information purposes.

**Carried**

### b. Draft Source Protection Annual Progress Report.

Carl Seider presented the Draft Source Protection Annual Progress Report. After discussion, the following motion was passed:

#### **MOTION #SVSPA-20-04**

Moved by Tom Hutchinson

Seconded by Mike Myatt

THAT the Saugeen Valley Source Protection Authority receives a copy of the draft Source Protection Annual Progress Report.

**Carried**

## 7. OTHER BUSINESS

There was no other business.

## 8. CONFIRMATION OF NEXT MEETING AND ADJOURNMENT

The next meeting is to be scheduled as required.



## SAUGEEN VALLEY SOURCE PROTECTION AUTHORITY

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There being no further business, the meeting adjourned at 5:46 p.m. on motion of Christine Robinson and Bill Stewart.

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Dan Gieruszak  
Chair

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Janice Hagan  
Recording Secretary



**TO:** Chair and Directors, Saugeen Valley Source Protection Authority  
**FROM:** Carl Seider, Project Manager  
**DATE:** January 22, 2021  
**SUBJECT:** Regulation 205/18: Notice for a new or changes to an existing municipal drinking water system

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## REPORT #6a

### RECOMMENDATION

**THAT the Saugeen Valley Source Protection Authority be directed to provide a notice outlining the required changes and associated timelines to the Saugeen, Grey Sauble, Northern Bruce Peninsula Source Protection Plan when a new municipal drinking water system is being established or there are changes to an existing municipal drinking water system.**

### BACKGROUND

The *Safe Drinking Water Act, 2002* and the *Clean Water Act, 2006* have been amended to ensure that source protection planning is incorporated at an early stage in the municipal residential drinking water supply regulatory process.

As of July 1, 2018, new regulatory amendments require that system owners ensure that work to assess the vulnerability of a new or expanding drinking water system is completed and accepted by the local Source Protection Authority (SPA) before the owner can apply for a drinking water works permit/license, and that the water not be provided to the public until the updated source protection plan that protects the system is approved. The SPA must provide a Notice to the drinking water system owner stating that the SPA is satisfied that the technical work has been completed for the purposes of identifying amendments to the source protection plan that are anticipated to be necessary and the timing to submit any proposed amendments to the Ministry of the Environment, Conservation and Parks (MECP).

The new *Regulation 205/18* applies to a new municipal residential drinking water system or changes to an existing system within Source Protection Areas, that result in:

- the establishment of a new groundwater well
- deepening an existing well
- increasing the capacity at an existing well
- the establishment of a new surface water intake
- moving an existing intake



#### Watershed Member Municipalities

Municipality of Arran-Elderslie, Municipality of Brockton, Township of Chatsworth, Municipality of Grey Highlands, Town of Hanover, Township of Howick, Municipality of Morris-Turnberry, Municipality of South Bruce, Township of Huron-Kinloss, Municipality of Kincardine, Town of Minto, Township of Wellington North, Town of Saugeen Shores, Township of Southgate, Municipality of West Grey

The new regulation does allow for an exemption in emergency situations, whereby an application for a drinking water works permit is made to address an immediate drinking water health hazard. Under this situation, the source protection plan amendments can be made after a new system is brought into service.

## **ANALYSIS**

### New Drinking Water Systems - Regulation Changes

1. New regulation developed under the *Safe Drinking Water Act, 2002*. This regulation requires that:
  - municipal residential drinking water system owners ensure work to assess the vulnerability of new or expanding drinking water systems is completed and accepted by the local source protection authority before they can apply for a drinking water works permit; and,
  - water is not provided to the public until the source protection plan (SPP) that protects the system is approved.
2. Further amendments that were made to Ontario Regulation 287/07 – “General” under the *Clean Water Act, 2006*.
  - To support the implementation of the new regulation under the *Safe Drinking Water Act*, the regulation requires that source protection authorities issue a Notice to a drinking water system owner when they have received, and are satisfied with, vulnerable area information for any new or expanding drinking water system where it differs from existing vulnerable areas. The notice must also identify what changes to the source protection plan are required.

### SPA Review Process

The regulatory changes in turn, result in a few changes in the business process for CAs under the Drinking Water Source Protection (DWSP) program. With the regulatory changes, the onus will be on municipal residential drinking water system owners to ensure that technical work for new and altered systems is completed.

Another process change is that the SPA must provide a Notice to the system owner stating that the SPA is satisfied that the technical work has been completed for the purposes of the SPA identifying amendments to the SPP that are anticipated to be necessary and the timing to submit the proposed amendments to the MECP.

Figure 1 outlines the general process of incorporating a new or changing drinking water system into a SPP from a SPA perspective. Note that there are exceptions for alleviating an immediate drinking water health hazard and for emergencies per the *Environmental Assessment Act*.



Figure 1: Schematic of the process to amending a source protection plan as a result of a new or changing municipal residential drinking water system.

## FINANCIAL IMPLICATIONS

Source protection authorities play an important role in ensuring that municipalities understand their obligations under Regulation 205/18 and minimizing delays in source protection plan updates. Without established relationships with municipalities, there is an increased likelihood that municipalities will not inform source protection authorities of the work they are undertaking, and source protection authorities will not be prepared to update the source protection plan in a timely fashion to comply with the *Clean Water Act, 2006*. Staff time and resources have been spent increasing awareness of these new responsibilities across the Saugeen – Grey Sauble – Northern Bruce Peninsula (SGSNBP) Source Protection Region (SPR).

Costs associated with completing the necessary technical work related to any new or changing drinking water systems are typically borne by the municipality and include:

- New vulnerable area delineation,
- Vulnerability scores for new Wellhead Protection Areas/ Intake Protection Zones,
- Updated mapping for percent managed lands, livestock density or impervious surface areas, if required, to determine where specific threats could be significant,
- Desktop analysis of landowners impacted by policies in the source protection plan.

In many cases, this work will need to be completed by a qualified professional. Drinking Water Source Protection staff play a key role in supporting the completion of this technical work, by providing support and existing data, or conducting risk assessment/threats analysis within newly delineated vulnerable areas.

## COMMUNICATIONS PLAN

Drinking Water Source Protection staff and the Chair of the Source Protection Committee met with municipal staff across the SGSNBP SPR over the past couple years to inform them of these new regulatory responsibilities, along with other proposed changes or implementation challenges related to the Source Protection Plan.

Attached is a summary of municipal information meetings that were held in 2018 & 2019, to provide an overview and implications of the regulatory changes to ensure collaboration between municipalities and source protection authorities.

Approved By:



Carl Seider  
Project Manager, Drinking Water Source Protection

Approved By:



Jennifer Stephens  
General Manager / Secretary-Treasurer

**DRINKING WATER SOURCE PROTECTION MUNICIPAL INFORMATION MEETINGS – 2018/2019**

| <b>MUNICIPALITY</b>               | <b>NAME</b>      | <b>TITLE</b>                            |
|-----------------------------------|------------------|---|
| Arran-Elderslie (April 17, 2019)  | Peggy Rouse      | Clerk                                   |
|                                   | Patrick Johnston | CBO                                     |
|                                   | Mark O’Leary     | Water/Sewer Foreperson                  |
| Blue Mountains (May 30, 2018)     | Michael Benner   | Director of Planning                    |
|                                   | Sharon Long      | Admin. Assistant, Planning Dept.        |
|                                   | Shawn Postma     | Senior Policy Planner                   |
|                                   | Greg Miller      | CBO                                     |
| Brockton (Apr. 30, 2019)          | Terry Tuck       | CBO/Zoning Administrator                |
|                                   | Gregory Furtney  | Director of Operations                  |
| Chatsworth (May 28, 2018)         | Carolyn Marx     | Water Services Coordinator              |
|                                   | Karl Schipprack  | CBO                                     |
| Georgian Bluffs (July 13, 2018)   | Jeff Peppin      | CBO                                     |
|                                   | Rick Winters     | Acting CAO/Director of Operations       |
| Grey Highlands (June 12, 2019)    | Rob Adams        | CAO                                     |
|                                   | Shawn Moyer      | Public Utilities Director               |
|                                   | Debbie Anderson  | CBO                                     |
| Hanover (Aug. 28, 2019)           | Brian Tocheri    | CAO/Clerk                               |
|                                   | Don Tedford      | CBO                                     |
|                                   | Ron Cooper       | Director of Public Works                |
|                                   | Andrew Smart     | Chief Operator, Water/Wastewater        |
| Kincardine (June 6, 2019)         | Michele Barr     | CBO/Bldg & Planning Dir.                |
|                                   | Amberly Keelan   | Planning Coordinator                    |
|                                   | Shamus Anderson  | Water & Wastewater Supervisor           |
| Meaford (Sept. 11, 2018)          | Liz Buckton      | Senior Planner                          |
|                                   | Emily Howard     | Environmental Services Coordinator      |
|                                   | Rob Armstrong    | Acting CAO/Planning & Building Director |
|                                   | Rick Carefoot    | CBO                                     |
| Owen Sound (June 20, 2019)        | Chris Webb       | Manager of Engineering Services         |
|                                   | Matt Prentice    | Public Works & Water/Wastewater Mgr     |
|                                   | Dennis Kefalas   | Director, Public Works & Engineering    |
| Saugeen Shores (May 31, 2018)     | Jay Pausner      | Development Coordinator                 |
|                                   | Amanda Froese    | Director of Public Works & Engineering  |
|                                   | Josh Planz       | CBO                                     |
| S. Bruce Peninsula (May 27, 2019) | Angie Cathrae    | Clerk                                   |
|                                   | Tim Murawsky     | CBO                                     |
|                                   | Brad McRoberts   | CAO                                     |
| South Bruce (May 29, 2018)        | Dieter Weltz     | CBO                                     |
|                                   | Steve Lantz      | Water Operator Supervisor               |
|                                   | Leanne Martin    | Clerk                                   |
| West Grey (May 24, 2019)          | Mark Turner      | Clerk                                   |
|                                   | Brent Glasier    | Director, Infrastructure & Public Works |
|                                   | Ron Davidson     | Planner                                 |
| Huron-Kinloss (May 15, 2019)      | Mary Rose Walden | CAO                                     |
| Grey County                       | Scott Taylor     | Senior Planner                          |
| Bruce County                      | Kara Van Myall   | Senior Planner                          |
|                                   | Bruce Stickney   | Director                                |



**TO:** Chair and Directors, Saugeen Valley Source Protection Authority

**FROM:** Carl Seider, Project Manager, Drinking Water Source Protection

**DATE:** January 22, 2021

**SUBJECT:** Source Protection Plan Amendments

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### REPORT #6b

#### RECOMMENDATION:

**THAT the Saugeen Valley Source Protection Authority endorses the proposed Source Protection Plan amendments for the purposes of engaging in pre-consultation activities with affected stakeholders as required by Ontario Regulation 287/07;**

**AND FURTHER THAT staff be directed to provide an updated version of any substantive changes to the Source Protection Plan amendments to the Saugeen Valley Source Protection Authority prior to final submission to the Ministry of Environment, Conservation and Parks.**

#### Background

On November 27, 2020, the Saugeen – Grey Sauble – Northern Bruce Peninsula (SGSNBP) Source Protection Committee (SPC) completed a review of proposed Source Protection Plan amendments as directed under Section 36 of the *Clean Water Act, 2006*. The Minister of the Environment, Conservation and Parks issued a Minister’s Order at the time the SGSNBP Source Protection Plan (SPP) was approved requiring that this Section 36 Workplan outline any revisions to the document, as well as the timeline expected to complete these changes.

The *Clean Water Act, 2006* requires extensive consultation with affected landowners, municipalities, and other stakeholders when new technical work is being completed and policies are developed. These consultation opportunities include mandated pre-consultation which involves reaching out formally to those impacted by the changes to the source protection plan and allowing them the chance to provide feedback on the proposed changes. A second period of consultation is public and requires that all landowners, Ministries, and municipalities be notified of the proposed changes.

#### Analysis

A summary of the SGSNBP SPP amendments discussed and endorsed by the Committee on November 27, 2020 include:



Watershed Member Municipalities  
Municipality of Arran-Elderslie, Municipality of Brockton, Township of Chatsworth, Municipality of Grey Highlands,  
Town of Hanover, Township of Howick, Municipality of Morris-Turnberry, Municipality of South Bruce,  
Township of Huron-Kinloss, Municipality of Kincardine, Town of Minto, Township of Wellington North,  
Town of Saugeen Shores, Township of Southgate, Municipality of West Grey

**1. New/amended Wellhead Protection Area (WHPA) delineations to address new drinking water wells at the following municipal drinking water systems: Blairs Grove (Well 3), Durham (Well 2A), and Dundalk (Well D5, a portion of the WHPA extends into the Saugeen Valley Source Protection Area (SVSPA) from the Grand Source Protection Area)**

Staff were notified in August 2020 that a new well in Blair's Grove (Huron-Kinloss) will be required on an emergency basis, as the well casing on the current production well (Well 2) had caved in. Another monitoring well (Well 3) is within 23 metres was inspected as a possible alternative.

Staff reviewed the results of the pumping tests for Well 2 & 3 that were conducted on September 24-25, 2020 and noted the following key information. Analysis of the pump test demonstrated that Well 2 and Well 3 are in the same aquifer, with similar depths (69.5m and 74.1m), and long-term interference risk from Well 3 is anticipated to be effectively identical to Well 2.

Based on this analysis and a review of the new WHPA-A (100 metre circumference around the wellhead) for Well 3 (Figure 1), it was determined that 6 additional properties could potentially have significant drinking water threats and be subject to policies in the source protection plan. Upon further review, no buildings or garages were located within the adjusted WHPA. As no existing significant drinking water threats were identified within the WHPA-A, and only the policies requiring that a mandatory inspection of all septic systems be conducted every 5 years applied, it was decided that amendments to the source protection plan could be completed as part of the Section 36 Workplan, including consultation with affected landowners.



Figure 1: Blair's Grove Well – WHPA-A

**2. New East Linton Intake Protection Zone (IPZ) (Events-Based Area) for fuel handling and storage threats**

The SGSNBP SPC requested a review of the Events-Based Area (EBA) desktop model analysis for the Owen Sound and East Linton intakes. As the Ontario Drinking Water Standard was recently changed from 0.005 mg/L to 0.001 mg/L, the modeled impacts to the East Linton intake would now be designated a Significant Drinking Water Threat. This new EBA requires an amendment to Policy 15-05 as follows:

### 15-05 - Risk Management Plan for Fuel near Great Lakes Intakes

|                                  |   |
|----------------------------------|---|
| <i>Activity Status</i>           | Existing activity; Future activity  |
| <i>Policy Tool/<br/>Approach</i> | s.58 Risk Management Plan   |
| <i>Policy Text</i>               | <p>The policy applies where the storage of fuel is a significant drinking water threat (existing and future activity) within the following areas:</p> <p>8. for Events-based Area for the East Linton Drinking Water System (as shown on Map) where fuel is stored in a quantity of 2,500L or more (EBA-2500) 5,000L or more (EBA-5000), and 10,000L or more (EBA-10000)</p> <p>Establishment of a Risk Management Plan is required. The storage of fuel may only occur in accordance with an approved Risk Management Plan. Therefore, the storage of fuel is designated for the purposes of s.58 of the Clean Water Act.</p> <p>As a minimum, the Risk Management Plan shall address: 1) product handling; 2) product storage; 3) record keeping and documentation, including any inspection reports; 4) disposal methods; 5) spills response plan; and 6) containment measures. The Risk Management Plan shall be renewed every five years or at the discretion of the Risk Management Official.</p> |

### 3. Liquid hydrocarbon pipelines added to list of prescribed drinking water threats under Ontario Regulation 287/07 (O. Reg. 287/07)

This new prescribed drinking water threat captures pipelines designated for transmitting or distributing liquid hydrocarbons to terminals and distribution centres. It does not capture pipelines that move liquefied natural gas or liquid petroleum gas.

The amended regulation provides an exemption from including policies in a source protection plan if this prescribed drinking water threat does not exist in the source protection region (SPR) and there is no likelihood it could be established there in the future. As it relates to the SGSNBP SPR, this prescribed threat does not currently exist in the SPR and a further review of future hydrocarbon pipeline projects indicates no potential projects are planned. Therefore, no new policies will be added to the source protection plan related to hydrocarbon pipeline threats.

### 4. Review of IPZ delineations for Ruhl Lake intake for possible changes to the policies written to address the storage and application of agricultural source material (ASM)

On October 11, 2019, staff conducted an initial site visit to Ruhl Lake to determine if there were any observable transport pathways (a way for contaminants to make their way to the lake) that may not have been noted in the Saugeen Valley Assessment Report. There were several areas where steeper slopes were observed with the potential for increased surface drainage flows towards Ruhl Lake (Figure 2). In these areas, there were no observed transport pathways (e.g. tile drain outlets, ditches) or drainage flow with possible connections to the lake. Also, during the site visit, many waterfowl were observed on the lake; this could be one of several potential sources of increased fecal coliform and *Escherichia coli* (*E. coli*) counts in the lake.

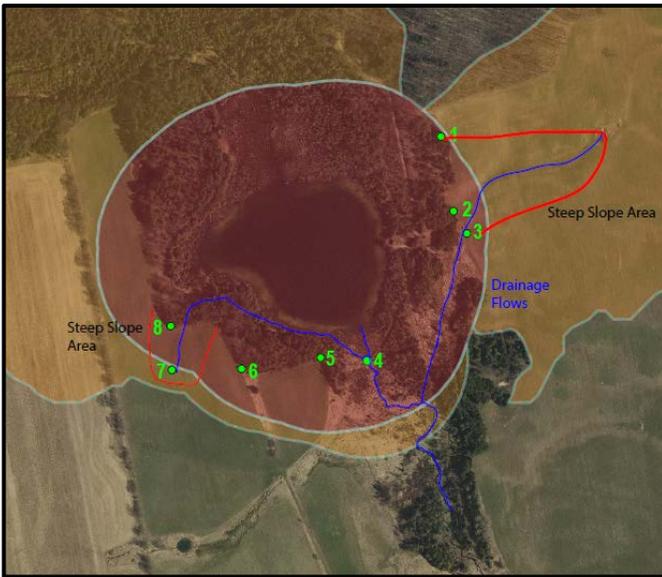


Figure 2: Steep slopes identified adjacent to Ruhl Lake.

As a follow up to the Source Protection Committee meeting held on July 24, 2020, staff investigated options for policy text that might address landscaped areas adjacent to watercourses, the maintenance of open areas of mown grass for recreational activities, and the use of signage to prohibit the feeding of waterfowl. In the end, such policies were not applicable to Ruhl Lake, as the surrounding areas are either forested or agricultural lands. Therefore, efforts continue to determine the effectiveness of policies associated with Ruhl Lake for consideration of future amendments to the SGSNBP SPP.

Staff reached out to the Chief Operator for the Hanover drinking water system and obtained the latest raw water sample results for *E. coli* and Total Coliforms at Ruhl Lake intake. The results indicate some notable seasonal fluctuations in water quality, with increasing *E. coli* and Total Coliform counts in the late summer and fall months (Figure 3). There have also been increased observations of geese and other waterfowl on the Lake in the later summer/early fall.

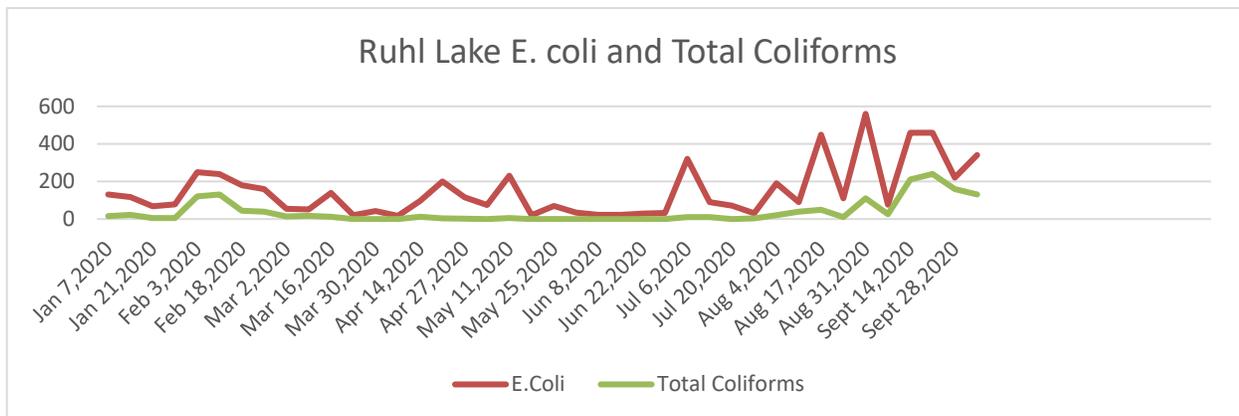


Figure 3: Raw water quality results from the Ruhl Lake intake.

**5. Technical Rule changes associated with the application, handling and storage of road salt**

The Ministry of the Environment, Conservation and Parks (MECP) has proposed changes to the Director’s Technical Rules which govern how the technical work in Assessment Reports are to be completed. These amendments include the potential to change impervious surface area calculations where this activity could be considered a significant drinking water threat (e.g. from 80% to 30% impervious surface area). In further support of changes to the way impervious surface area calculations are carried out, the SGSNBP SPC received a request from the Lake Erie Source Protection Region seeking support for actions to address over-application of winter maintenance chemicals to protect municipal drinking water sources. The report highlighted the issues with increasing sodium and chloride concentrations at groundwater wells within the Grand River watershed.

In addition, the MECP has proposed changes to the circumstances associated with the storage of road salt. These changes require revisions to the policy text such that a significant drinking water threat would be identified where:

- (1) ≥10 kg of road salt is stored in an IPZ with a score of 10 and ≥ 20 kg is stored in a WHPA scored 10 for uncovered storage;
- (2) ≥ 100 kg for covered storage; or
- (3) designed facility with storage greater than 500 tonnes.

The following Source Protection Plan policies have been revised/amended to address the changes to the Director’s Technical Rules pertaining to salt application and handling/storage threats:

**Policy 12-01: Salt Application Threat -Risk Management Plan**

|                       |  |
|-----------------------|--|
| Activity Status       | Existing activity; Future activity   |
| Policy Tool/ Approach | s.58 Risk Management Plan / Implementing Body- RMO   |
| Policy Text           | <p>Establishment of a Risk Management Plan is required. The application of road salt may only occur in accordance with an approved Risk Management Plan and is therefore designated for the purposes of s.58 of the <i>Clean Water Act</i>, where the following applies:</p> <ul style="list-style-type: none"> <li>a) Where the activity is or would be a significant drinking water threat;</li> <li>b) Salt is or could be applied to the property;</li> <li>c) The salt application area is equal to or greater than 200 square metres or 8 parking spots; and</li> <li>d) The property is used for any land uses except residential consisting of four units or fewer.</li> </ul> <p>As a minimum, the Risk Management Plan shall:</p> <ul style="list-style-type: none"> <li>a. follow best management practices consistent with those used across Canada</li> <li>b. employ the latest winter maintenance technologies</li> <li>c. identify actions to improve practices in the general use of road salts.</li> </ul> <p>The Risk Management Plan shall be renewed every five years or at the discretion of the Risk Management Official.</p> |

|  |   |
|--|---|
|  | <p>Notwithstanding the above, a Risk Management Plan will also be required for any municipal properties where the activity is or would be a significant drinking water threat.</p> <p>All locations for Risk Management Plans for existing activities shall be inventoried within three years and plans established within five years of the amendment to the Source Protection Plan taking affect.</p> |
|--|---|

**Policy 12-02: Salt Management Plan**

|                       |   |
|-----------------------|---|
| Activity Status       | Existing activity; Future activity  |
| Policy Tool/ Approach | Specify Action / Implementing Body- Municipality  |
| Policy Text           | <p>Where a Chloride or Sodium threats would be significant, the municipality shall review and, if necessary, revise or issue new Salt Management Plans for the application of salt on roadways in all Wellhead Protection Areas. The Salt Management Plan shall include, as a minimum, measures to ensure application rate, timing and location to reduce the potential for salt-related surface water run-off and groundwater infiltration and meet the objectives of Environment Canada's Code of Practice for Environmental Management of Road Salts including the salt vulnerable area mapping to include areas where significant threats can occur.</p> <p>All locations for Salt Management Plans for existing activities shall be inventoried within three years and plans established within five years of the amendment to the Source Protection Plan taking affect.</p> |

**Policy 12-03: Salt Management Plan – Ministry of Transportation Roads**

|                       |   |
|-----------------------|---|
| Activity Status       | Existing activity; Future activity  |
| Policy Tool/ Approach | Specify Action / Implementing Body – MTO  |
| Policy Text           | <p>To ensure any existing or new application of road salt, where road salt application is or would be a significant drinking water threat, ceases to be or never becomes a significant drinking water threat, the Ministry of Transportation should review and, if necessary, revise or issue new Salt Management Plans for the application of salt on roadways in all Wellhead Protection Areas.</p> <p>The Salt Management Plan should include, as a minimum, measures to ensure application rate, timing and location reduce the potential for salt-related surface water run-off and groundwater infiltration and meet the objectives of Environment Canada's Code of Practice for Environmental Management of Road Salts including the salt vulnerable area mapping to include areas where significant threats can occur.</p> <p>All locations for Salt Management Plans for existing activities shall be inventoried within three years and plans established within five years of the amendment to the Source Protection Plan taking affect.</p> |

**Policy 12-04: Salt Application - Education & Outreach**

|                       |  |
|-----------------------|--|
| Activity Status       | Existing activity; Future activity   |
| Policy Tool/ Approach | Education & Outreach / Implementing Body - Municipality / Public Health Unit   |
| Policy Text           | To ensure any existing or new application of road salt, ceases to be or never becomes a significant drinking water threat, where this activity is or would be a significant drinking water threat, the municipality and / or the Public Health Unit shall develop and implement an education initiative addressing the application of road salt. The education program shall encourage the implementation of best management practices that form the core of the Smart About Salt or similar accreditation program to reduce the impact of winter de-icing activities. |

**REMOVE- Policy 13-01: The Handling and Storage of Road Salt (Prohibition)**

|                                  |   |
|----------------------------------|---|
| <del>Activity Status</del>       | <del>Existing activity; Future activity</del>   |
| <del>Policy Tool/ Approach</del> | <del>s.57 Prohibition / Implementing Body – RMO</del>   |
| <del>Policy Text</del>           | <p>The policy applies in all vulnerable areas where the handling and storage of road salt is or would be a significant drinking water threat (existing activity or future activity).</p> <p>The handling and storage of road salt is prohibited. Therefore, the handling and storage of road salt is designated for the purposes of s.57 of the <i>Clean Water Act</i>.</p> <p>For clarity, the prohibition applies where: a) the quantity of road salt is at least 500 tonnes, but not more than 5,000 tonnes, and the road salt is stored in a manner that may result in its exposure to precipitation or runoff from precipitation or snow melt; or b) the quantity of road salt is more than 5,000 tonnes, and the road salt is stored in a manner that may result in its exposure to precipitation or runoff from precipitation or snow melt.</p> <p>Any road salt stored in a manner as described in clause (a) or (b) above as of the effective date of the Source Protection Plan shall be removed within 180 days of the effective date of the Source Protection Plan.</p> |

**Policy 13-01: The Handling and Storage of Road Salt (Risk Management Plan)**

|                       |  |
|-----------------------|--|
| Activity Status       | Existing activity; Future activity   |
| Policy Tool/ Approach | s.58 Risk Management Plan / Implementing Body – RMO  |
| Policy Text           | Establishment of a Risk Management Plan is required. The handling and storage of road salt may only occur in accordance with an approved Risk Management Plan and is therefore designated for the purposes of s.58 of the <i>Clean Water Act</i> . |

|  |  |
|--|--|
|  | <p>For clarity, a Risk Management Plan is required where the following applies:</p> <ul style="list-style-type: none"> <li>a) Where the activity is or would be a significant drinking water threat;</li> <li>b) Salt is handled or stored on the property; and</li> <li>c) The property is used for any land uses except residential consisting of four units or fewer.</li> </ul> <p>The risk management plan, at a minimum, will include terms and conditions that mirror a salt management plan, and comply with contemporary standards to ensure the handling and storage of road salt ceases to be a significant drinking water threat.</p> <p>All locations for Risk Management Plans for existing activities shall be inventoried within three years and plans established within five years of the amendment to the Source Protection Plan taking affect.</p> |
|--|--|

**Policy 13-02: Salt Handling and Storage - Education & Outreach**

|                          |  |
|--------------------------|--|
| Activity Status          | Existing activity; Future activity   |
| Policy Tool/<br>Approach | Education & Outreach / Implementing Body - Municipality / Public Health Unit   |
| Policy Text              | To ensure any existing or new handling and storage of road salt, ceases to be or never becomes a significant drinking water threat, where this activity is or would be a significant drinking water threat, the municipality and / or the Public Health Unit shall develop and implement an education initiative addressing the handling and storage of road salt. The education program shall encourage the implementation of best management practices that form the core of the Smart About Salt or similar accreditation program to reduce the impact of winter de-icing activities. |

**6. Written direction policy for Risk Management Officials (RMOs) associated with s.59 screenings.**

Text has been added to the SGSNBP SPP Restricted Land-Use screening policies (section 59 of the *Clean Water Act, 2006*) for consistency with adjacent source protection plans. This text, identified below, provides RMOs with the flexibility to make site specific decisions regarding the applicability of source protection plan policies.

“Risk Management Official may issue written direction specifying the situations under which a planning authority or building official may be permitted to make the determination that a site specific land use is not designated for the purposes of section 59. Where such direction has been issued, a site-specific land use that is the subject of an application for approval under the Planning Act or for a permit under the Building Code Act is not designated for the purposes of Section 59, provided that the planning authority or building official, as applicable, is satisfied that:

- a. The application complies with the written direction issued by the Risk Management Official; and
- b. The applicant has demonstrated that a significant drinking water threat activity designated for the purposes of section 57 or 58 will not be engaged in, or will not be affected by the application.”

### **Communications Plan**

The Drinking Water Source Protection staff will proceed with reaching out to affected landowners, municipalities, and provincial ministries to acquire their support for the proposed changes. Minor changes to the policies will be made without returning to the Saugeen Valley Source Protection Authority, if necessary, prior to public consultation and submission to the Province. If written feedback is obtained which would require substantial changes to a proposed policy, the SGSNBP SPC will be engaged to make the necessary amendments.

Approved By:



Carl Seider  
Project Manager, Drinking Water Source Protection

Approved By:



Jennifer Stephens  
General Manager/Secretary-Treasurer