

**DRINKING WATER
SOURCE PROTECTION**
ACT FOR CLEAN WATER



**Lake Simcoe
Region
Conservation
Authority**



South Georgian Bay Lake Simcoe Source Protection Region

**SEVERN SOUND SOURCE PROTECTION AUTHORITY
MEETING NO. 01-20-SS SPA**

**Friday, March 13, 2020 10:00 a.m.
Township of Tay Council Chambers
450 Park Street, Victoria Harbour, ON**

- 1. Welcome and call to order**
- 2. Adoption of Agenda**
- 3. Declaration of Pecuniary Interest**
- 4. Adoption of Minutes from April 18, 2019 meeting**
Business Arising From the Minutes
- 5. Appointment of Members to the Source Protection Committee**
Staff Report No. 01-20-SS SPA and presentation from the Risk Management Official/Risk Management Inspector regarding the Source Protection Committee and the Appointment of Members representing the Severn Sound Source Protection Authority (SS SPA) watershed.
- 6. Risk Management Official/Risk Management Inspector Update**
Staff Report No. 02-20-SS SPA from the Risk Management Official/Risk Management Inspector regarding the Severn Sound Source Protection Authority (SS SPA) Drinking Water Source Protection Update and SSEA Risk Management Services Update.
- 7. Other Business**

Adjourn



**SEVERN SOUND SOURCE PROTECTION AUTHORITY
MEETING NO. 01-19-SS SPA
Thursday April 18, 2019**

Township of Tay Council Chambers, 450 Park Street, Victoria Harbour, Ont.

DRAFT MINUTES

Present:

SSEA Chair, Deputy Mayor Steffen Walma	Township of Tiny
SSEA Vice Chair, Paul Wiancko	Township of Georgian Bay
SSEA Past Chair, Councillor Ron Stevens	Township of Severn
Councillor Ian Veitch	Township of Oro-Medonte
Deputy Mayor Anita Dubeau	Town of Penetanguishene
Councillor Perry Ritchie	Township of Springwater
Councillor Carole McGinn	Town of Midland

Regrets:

Councillor Jeff Bumstead	Township of Tay
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Staff:

Julie Cayley, Executive Director
Melissa Carruthers, Risk Management Official/Inspector SSEA
Judy Hancock, Treasurer
Laurie Barron, Corporate Services Coordinator
Robert Canning, Invasive Species Project Coordinator

Guests:

Mike Wilson, Hydrogeologist, Source Water Protection

1. Welcome and Call to Order

Chair Walma called the meeting to order at 9:13 a.m.

2. Adoption of Agenda

Motion: #1

Moved by: P. Ritchie

Seconded by: P. Wiancko

RESOLVED THAT: the Severn Sound Source Protection Authority approve the 01-19-SSSPA meeting agenda dated April 18, 2019.

Carried.

3. Declaration of Pecuniary Interest

None declared

4. Source Protection Committee Update.

Melissa Carruthers, SSEA Risk Management Official/Inspector reviewed Source Protection Committee Chair, Lynn Dollin's Source Protection Plan update.

At the most recent meeting, in late March 2019, the committee reviewed the progress made by those implementing the Plan. On the whole, progress is impressive, with over 2000 significant drinking threats addressed to date. The committee continues to monitor the number of Risk Management Plans left to establish given that this region has the greatest number of drinking water systems of any of our peers across the province. The committee appreciates the great cooperation received from staff at the SSEA.

Chair Dollin advised that the committee has received confirmation from senior provincial staff of their continued support for the program, and intent to fund it in the current fiscal year.

Motion: #2

Moved by: R. Stevens

Seconded by: P. Wiancko

RESOLVED THAT: the update from Chair Lynn Dollin, Source Protection Committee be received for information.

Carried.

5. Staff Report No. 03-19-SS SPA from the Project Manager of the Source Protection Region regarding a Source Protection Region Update.

Mike Wilson, Hydrogeologist, Source Water Protection

Motion: #3

Moved by: R. Stevens

Seconded by: I. Veitch

RESOLVED THAT: Staff Report No. 03-19-SS SPA regarding an update from the South Georgian Bay – Lake Simcoe Source Protection Region be received for information.

Carried.

6. Staff Report No. 01-19-SS SPA from the Risk Management Official/Risk Management Inspector regarding the *Clean Water Act* Section 46 – Severn Sound SPA 2018 Annual Report to the Province.

Motion: #4

Moved by: R. Stevens

Seconded by: I. Veitch

RESOLVED THAT: Staff Report No. 01-19-SS SPA regarding *Clean Water Act* Section 46 – Severn Sound SPA 2018 Annual Report to the Province be received for information.

Carried.

7. Staff Report No. 02-19-SS SPA from the Risk Management Official/Risk Management Inspector regarding the Severn Sound Source Protection Authority (SS SPA) Drinking Water Source Protection Update and SSEA Risk Management Services Update.

Motion: #5

Moved by: A. Dubeau

Seconded by: C. McGinn

RESOLVED THAT: Staff Report No. 02-19-SS SPA regarding an update as to the activities that have been undertaken by Severn Sound Source Protection Authority staff during Q3 be received for information.

Carried.

8. Other Business

None noted

Adjourn

Motion: #6

Moved by: P. Ritchie

Seconded by: R. Stevens

RESOLVED THAT: this meeting of the Severn Sound Source Protection Authority No. 01-19-SS SPA adjourn at 10:20 a.m. to meet again at the call of the chair.

Carried.

Chair Steffen Walma

Executive Director, Julie Cayley

Approved this _____ day of _____, 2020.



South Georgian Bay Lake Simcoe Source Protection Region

**Severn Sound Source Protection Authority (SPA)
February 27th, 2020 meeting**

STAFF REPORT

No: 01-20-SS SPA
Date: February 27th, 2020
To: Chair and Members of the SS SPA Board of Directors
From: Melissa Carruthers, Risk Management Official / Risk Management Inspector

SUBJECT: Appointment of Severn Sound municipal members to the South Georgian Bay Lake Simcoe Source Protection Committee

APPLICABLE STRATEGIC PLAN GOALS:

Goal 1: Sound Science

- **Continue to offer exceptional services as the Source Protection Authority for Severn Sound**
-

RECOMMENDATION:

RESOLVED THAT: the presentation and Staff Report No. 01-20-SPA presented by Melissa Carruthers, Risk Management Official / Risk Management Inspector regarding the Source Protection Committee be received for information and;

FURTHER THAT: the appointment of Jeff Hamelin and Andy Campbell to the South Georgian Bay – Lake Simcoe Source Protection Committee be approved.

Purpose of Staff Report:

The purpose of this Staff Report No. 01-20- SS SPA is to seek the Source Protection Authority's approval of appointments of members to the South Georgian Bay - Lake Simcoe Source Protection Committee.

Background/Analysis:

The Clean Water Act directs all Source Protection Regions to establish a Source Protection Committee, the members of which shall be responsible for developing and monitoring the implementation of a Source Protection Plan. In the case of the South Georgian Bay – Lake Simcoe Source Protection Region, the committee has been defined as being composed of a Chair, plus 22 members. Furthermore, members are to include one First Nations representative, and seven representatives from the municipal, economic/industrial sectors, and public at large. In the case of Source Protection Regions, the Lakes Simcoe/Couchiching Black River Source Protection Authority (SPA) as the lead SPA is responsible for appointing members to the Source Protection Committee, as well as filling vacancies which may arise.

Currently, there are two vacancies on the South Georgian Bay – Lake Simcoe Source Protection Committee for municipal representation from the Severn Sound watershed.

Nominations for municipal representatives on the Source Protection Committee are to be made by municipalities within the Source Protection Area, with municipalities voting if there are more nominations than vacancies. In December 2019, Melissa Carruthers, SSEA Risk Management Official / Risk Management Inspector, sent a letter on behalf of Julie Cayley, SSEA Executive Director to all Severn Sound Source Protection Area municipal CAOs seeking nominations, a process that resulted in the following four nominations:

Jeff Hamelin – Manager of Capital Projects, Town of Penetanguishene
Jennifer Barrick – Environmental Services Technologist, Township of Oro-Medonte
Tim Leitch – Director of Public Works, Township of Tiny
Andy Campbell - Executive Director Environment and Infrastructure, Town of Midland

An electronic was required as the number of nominations exceeded the number of vacancies. That process for voting included circulating the list of nominees to each voting member selected by each municipality, asking each voting member to rank the four nominees in order of most to least preferred, with the top two candidates being selected as the members to fill the two vacancies. The top two candidates were Jeff Hamelin and Andy Campbell

Summary and Recommendation:

Nominations for municipal sector representatives have been received, circulated and voted on with the results being Jeff Hamelin and Andy Campbell to represent the Severn Sound watershed at the Source Protection Committee.

Severn Sound Source Protection Authority staff recommends approving these appointments.

Prepared by:

Original signed by

Melissa Carruthers, Risk Management
Official / Risk Management Inspector

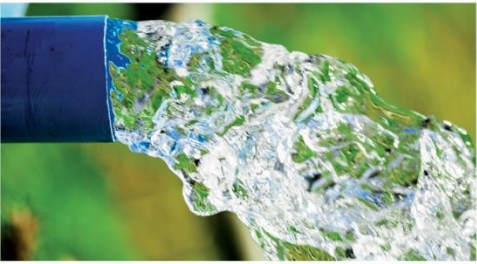
Approved for Submission by:

Original signed by

Julie Cayley, Executive Director

DRINKING WATER SOURCE PROTECTION

ACT FOR CLEAN WATER
South Georgian Bay Lake Simcoe Source Protection Region



Source Protection Committee Municipal Replacement

*Melissa Carruthers – Risk Mgmt. Official/Risk Mgmt. Inspector
SSEA/Severn Sound Source Protection Authority*

February 27th, 2020 – SS SPA Meeting

Water
is life.
Protect
Yours.

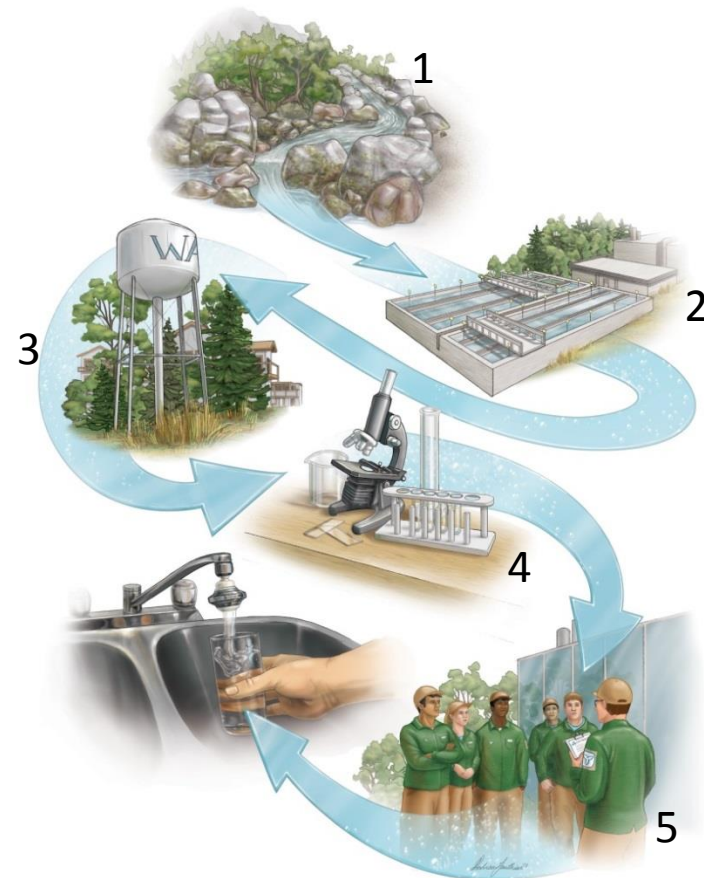
What is Source Water/Drinking Water Source Protection Program?



- **Source Water:** the water from streams, lakes, rivers or underground aquifers used to supply private wells and public drinking water systems.
- Source water comes from one or two sources: surface or groundwater.
- **Source Water Protection:** *is* the protection from contamination or overuse, of source water, that is to be used as a **municipal drinking water source.**

The five barriers of Ontario's multi-barrier approach to protecting municipal drinking water sources are;

- 1. Source water protection**
2. Up-to-date water treatment systems
3. Reliable distribution systems
4. Careful testing of our water supplies
5. Professional training for water managers



South Georgian Bay Lake Simcoe Source Protection Region



Our Region

- 4 watersheds
- 52 municipalities
- 3 First Nation communities
- 107 drinking water systems
- 277 municipal wells
- 16 surface water intakes

Within the region there are 4 source protection areas, which are regulated by three Source Protection Authorities.

Who is the Source Protection Committee?

South Georgian Bay Lake Simcoe Source Protection Committee

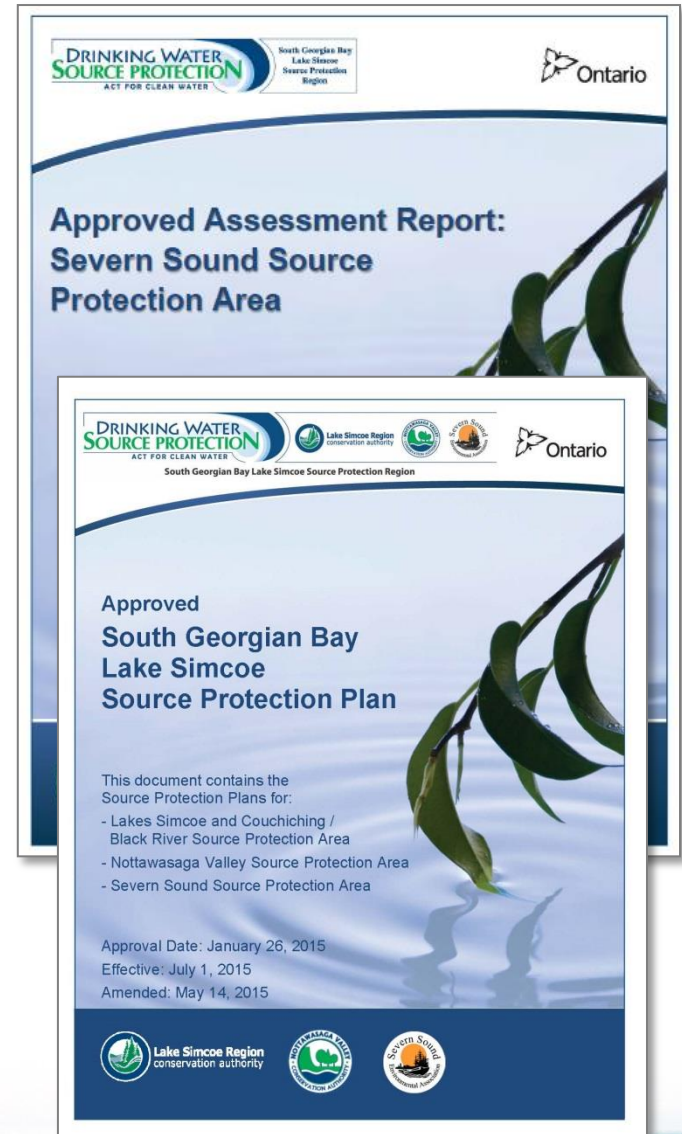
- Multi stakeholder group
- 22 Members plus a chair
 - Chair – Lynn Dollin
 - 1 first nation representative
 - 7 economic representatives
 - 7 public representatives
 - 7 municipal representatives (2 SSEA, 2 NVCA, 3 LSRCA)



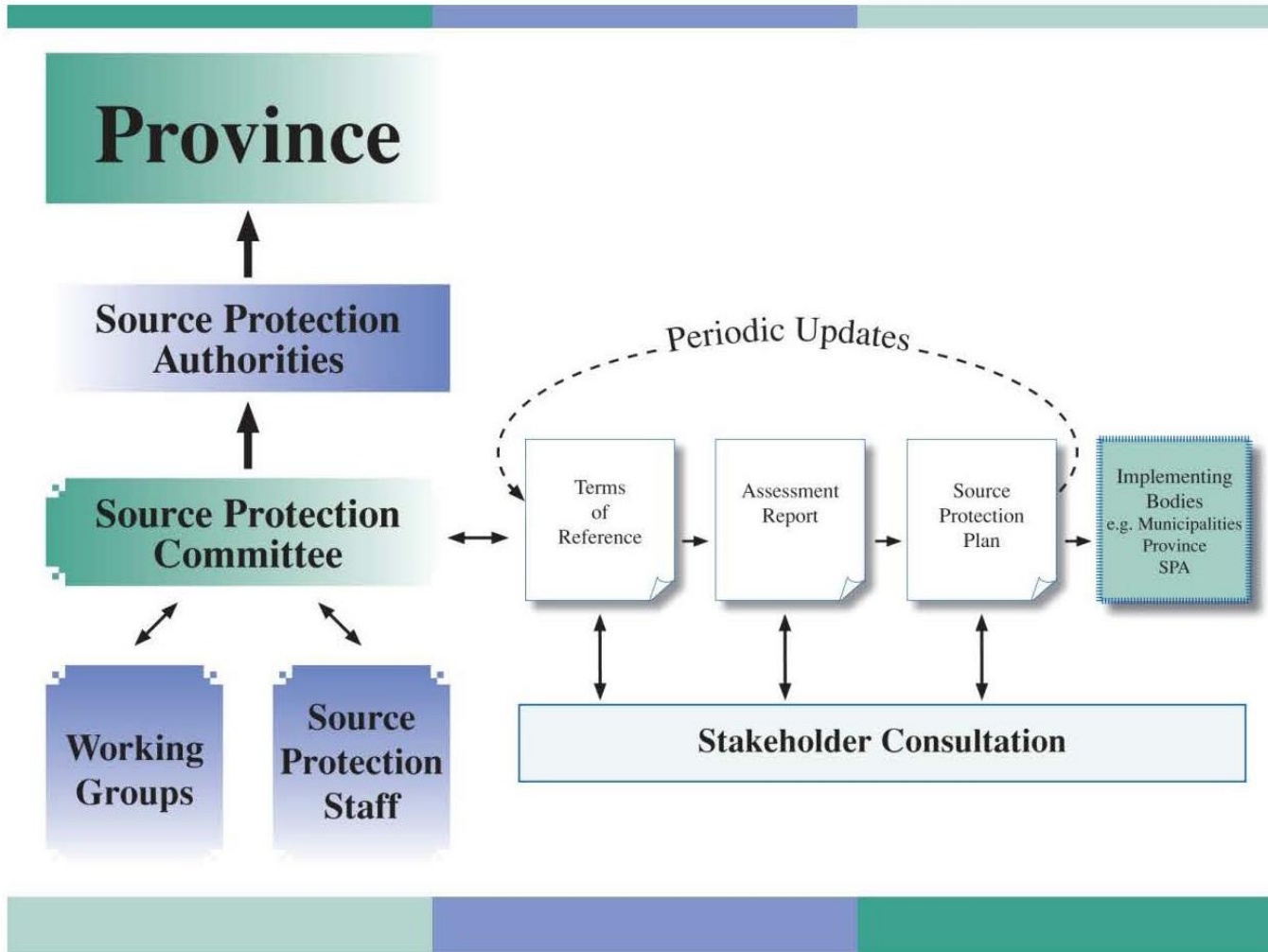
Source Protection Committee (SPC) Role

The SPCs current and past roles include

1. Developing the Terms of Reference
2. Developing/guiding the Technical Assessment Reports
3. Creating the local Source Protection Plan and policies
4. Evaluating the implementation of the Source Protection Plan policies
5. Conducting periodic updates to the Source Protection Plan and Assessment Reports



Key Players



Source Protection Committee Selection Process

- Term of the 2 Severn Sound municipal reps have ended
- Letter send to all SSEA member municipality CAOs – Dec 2019
- CAOs were asked for nominees
- 4 nominees were put forward
- Electronic vote took place
- Instructions on how to vote and bios of nominees was circulated to municipal selected voting members
- Voting member from each municipality ranked nominees from most preferred to least



Source Protection Committee Selection Results

1. Jeff Hamelin - Manager of Capital Projects, Town of Penetanguishene
2. Andy Campbell - Executive Director Environment and Infrastructure, Town of Midland



Commitment

- Represent the Severn Sound watershed from a municipal perspective
- 5 year commitment
- Anticipated meeting approximately 3 times per year in the Barrie area

Questions?

Melissa Carruthers
705-534-7283 ext.205

mcarruthers@severnsound.ca





South Georgian Bay Lake Simcoe Source Protection Region

**Severn Sound Source Protection Authority (SPA)
February 27th, 2020 meeting**

STAFF REPORT

No: 02-20-SS SPA
Date: February 27th, 2020
To: Chair and Members of the SSEA Board of Directors
From: Melissa Carruthers, Risk Management Official /
Risk Management Inspector

SUBJECT: Severn Sound Source Protection Authority (SS SPA) Drinking Water Source Protection Update

APPLICABLE STRATEGIC PLAN GOALS:

Goal 1: Sound Science

- **Continue to offer exceptional services as the Source Protection Authority for Severn Sound**
-

RECOMMENDATION:

RESOLVED THAT: Staff Report No. 02-20-SS SPA regarding an update as to the activities that have been undertaken by SS SPA from January 1 to February 14th, 2020 be received for information.

Purpose of Staff Report

The purpose of this report is to provide an update on the activities that Severn Sound Source Protection Authority staff have completed during January 1 to February 14 of 2020.

Background

Under the *Clean Water Act, 2006* the SSEA is one of the Source Protection Authorities within the South Georgian Bay Lake Simcoe Source Protection Region (SGBLS SPR) and work with our member municipalities as well as the District Municipality of Muskoka to implement the Drinking Water Source Protection (DWSP) Program.

Historically staff of the SSEA has been delegated by 8 municipalities (District Municipality of Muskoka, Townships of Georgian Bay, Severn, Oro-Medonte, Tay, Tiny, and Towns of Midland and Penetanguishene) to preform risk management services on behalf of their municipality under Part IV of the *Clean Water Act*. To date that work has included verifying significant drinking water threats (SDWTs) via phone calls, surveys, and site visits and if a SDWT was found, staff have started the process of negotiating risk management plans. Answering inquiries from the general public or municipal staff and commenting on development proposals is also a large part of what the risk management staff does.

Analysis:

SPA – During January 1 to February 14 of 2020 Source Protection Authority staff has completed the following tasks:

- Welcomed Nikole Preistman as Drinking Water Source Protection Assistant
- Assisted member municipalities with fulfilling annual reporting requirements
- Participated in teleconference with MECP, LSRCA, and NVCA regarding a regional work plan and potential provincial funding for the 2020/21 government fiscal year
- Involved in the Source Protection Committee member replacement process both at a local municipal level and regionally for public and economic members
- Continuing to support municipalities in updating Assessment Reports for new or changing water systems

Prepared by:

Approved for Submission by:

Original signed by

Original signed by

Melissa Carruthers, Risk Management
Official / Risk Management Inspector

Julie Cayley, Executive Director