



Lake Simcoe
Region
Conservation
Authority



South Georgian Bay Lake Simcoe Source Protection Region

**SEVERN SOUND SOURCE PROTECTION AUTHORITY
MEETING NO. 02-21-SS SPA
Monday July 26th, 2021 9:30 a.m.
Via video & telephone conference**

- 1. WELCOME AND CALL TO ORDER**
- 2. ADOPTION OF AGENDA**
- 3. DECLARATION OF PECUNIARY INTEREST**
- 4. APPROVAL OF PAST MINUTES SS SPA MEETING**
 - 4.1 Minutes of the 01-21-SS SPA meeting held on April 26th, 2021
- 5. SOURCE PROTECTION PLAN AMENDMENT PROCESS OVERVIEW**
 - 5.1 Staff Report No. 03-21-SS SPA and presentation from the SSEA Risk Management Official / Risk Management Inspector regarding an overview on the Source Protection Plan amendment process
 - 5.2 Staff report No. 04-21-SS SPA regarding the Delegation of Authority to submit proposed Source Protection Plan amendments to the Minister of Environment, Conservation and Parks
- 6. RISK MANAGEMENT OFFICIAL/RISK MANAGEMENT INSPECTOR UPDATE**

Staff Report No. 05-21-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**
- 8. ADJOURN**



South Georgian Bay Lake Simcoe Source Protection Region

SEVERN SOUND SOURCE PROTECTION AUTHORITY
MEETING NO. 01-21-SS SPA
Monday April 26th, 2021 9:30 a.m.
Via video & telephone conference
Draft Minutes

Present via zoom video:

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

Present via phone:

Staff present via zoom video:

- Julie Cayley Executive Director
Lex McPhail IT Manager/GIS Applications Specialist
Judy Limoges Treasurer
Melissa Carruthers Risk Mgmt. Official/Risk Mgmt. Inspector
Aisha Chiandet Water Scientist
Tamara Brincat Invasive Species Program Coordinator
Michelle Hudolin Wetlands & Habitat Biologist
Tracy Roxborough Sustainability & Climate Action Coordinator
Paula Madill Ecosystem Technologist
Nikki Priestman Watershed Health Monitoring Technician
Morgan Gillies Healthy Soils = Healthy Watersheds Program Coordinator

Guests present via zoom video:

- Lynn Dollin, Chair, South Georgian Bay Lake Simcoe Source Protection Committee
Bill Thompson, Project Manager, Lake Simcoe Region Conservation Authority

- 1. WELCOME AND CALL TO ORDER
Vice Chair Wiancko called the meeting to order at 9:45 a.m.
2. ADOPTION OF AGENDA
MOTION: 2021-01
Moved by: C. McGinn Seconded by: P. Ritchie

RESOLVED THAT: the Severn Sound Source Protection Authority approve the 01-21-SS SPA meeting agenda dated April 26, 2021

Carried;

3. DECLARATION OF PECUNIARY INTEREST

None declared.

4. APPROVAL OF PAST MINUTES SS SPA MEETING

Minutes from last SSSPA mtg were approved at part of the October 15, 2020 SSEA meeting

5. SOURCE PROTECTION COMMITTEE UPDATE

Chair, Lynn Dollin

MOTION: 2021-02

Moved by: R. Stevens

Seconded by: A. Dubeau

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

Carried;

6. 2020 REGIONAL ANNUAL REPORTING UPDATE

Staff Report No. 01-21-SS SPA and presentation from the SSEA Risk Management Official / Risk Management Inspector regarding an overview on the 2019 regional Source Protection Plan annual reporting implementation status

MOTION: 2021-03

Moved by: R. Stevens

Seconded by: P. Raymond

RESOLVED THAT: Staff Report No. 01-21-SS SPA and presentation regarding the section 46 Drinking Water Source Protection Regional Annual Report be received for information.

Carried;

Action Item:

- Summary of meeting, highlighting the regional 2020 annual reporting findings, to be distributed to all member municipalities councils for information.

7. RISK MANAGEMENT OFFICIAL/RISK MANAGEMENT INSPECTOR UPDATE

Staff Report No. 02-21-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: 2021-04

Moved by: R. Stevens

Seconded by: C. McGinn

RESOLVED THAT: Staff Report No. 02-21-SS SPA regarding an update on the activities undertaken by SS SPA and SSEA Risk Management staff during Q1 of 2021 be received for information.

Carried;

8. OTHER BUSINESS

None noted.

9. ADJOURN

MOTION: 2021-05

Moved by: R. Stevens

Seconded by: P. Ritchie

RESOLVED THAT: this meeting of the Severn Sound Source Protection Authority held on April 26, 2021 adjourn at 10:20 a.m. to meet again on July 26, 2021 or at the call of the Chair

Carried;

Acting Chair, Paul Wiancko

Executive Director, Julie Cayley

Approved this _____ day of _____, 2021

DRAFT



South Georgian Bay Lake Simcoe Source Protection Region

Severn Sound Source Protection Authority (SPA)
July 26th, 2021 meeting

STAFF REPORT

No: 03-21-SS SPA
Date: July 26th, 2021
To: Chair and Members of the SS SPA Board of Directors
From: Melissa Carruthers, Risk Management Official / Risk Management Inspector

SUBJECT: Source Protection Plan Amendment Process due to the impact of Ontario Regulation 205/18 under the Safe Drinking Water Act

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 number 03-21-SS SPA, and presentation by Melissa Carruthers, SSEA RMO/RMI, regarding the Source Protection Plan amendment process due to the impact of O.Reg 205/18 under the Safe Drinking Water Act be received for information.

Purpose of Staff Report

The purpose of this Staff Report No. 03-21-SS SPA is to bring to the attention of the Source Protection Authority Board an existing Regulation under the Safe Drinking Water Act. The regulation creates requirements for municipalities and Source Protection Authorities before new, expanded, or assumed drinking water systems can provide water to the public.

Background

Regulation 205/18 under the *Safe Drinking Water Act* came into force in July 2018. The regulation titled Municipal Residential Drinking Water Systems in Source Protection

Areas is intended to ensure that new or expanded municipal drinking water systems are protected by Source Protection Plan policies before water is provided to the public.

The Regulation creates three new requirements for municipalities, when applying for Drinking Water Works Permits:

- 1) Completion of all technical work required by the Directors Technical Rules under the *Clean Water Act* (i.e. mapping of wellhead protection areas or intake protection zones, vulnerability scoring, and the identification of areas where specific threats could be significant,
- 2) A notice from the local Source Protection Authority that the technical work is complete, which is to be included as part of the application package for a Drinking Water Works Permit, and
- 3) The approval of any required amendments to the Source Protection Plan before water could be provided to the public.

Summary/Analysis:

Rules under the Clean Water Act prescribe a process for amending Source Protection Plans, which includes consulting with the Source Protection Committee, municipal staff, implementing bodies, seeking Council endorsement from affected municipalities, and completing public consultation, before submitting to the Ministry of Environment, Conservation and Parks for Ministerial approval. It should be expected that this process would take 18 – 24 months to complete.

While Ministerial staff anticipate that their review of proposed amendments to the Source Protection Plan would happen concurrently with the review of municipal applications for Drinking Water Works Permits, this Regulation does introduce a new risk to providing water to municipal residents in a timely fashion.

Given growth and development pressures in the Source Protection Region, this risk to provision of critical municipal services and associated Source Protection Authority workload is anticipated to continue for the foreseeable future. In order to manage this risk, Source Protection Authority Staff annually ask municipal staff of any predicted changes to 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

Source Water Protection

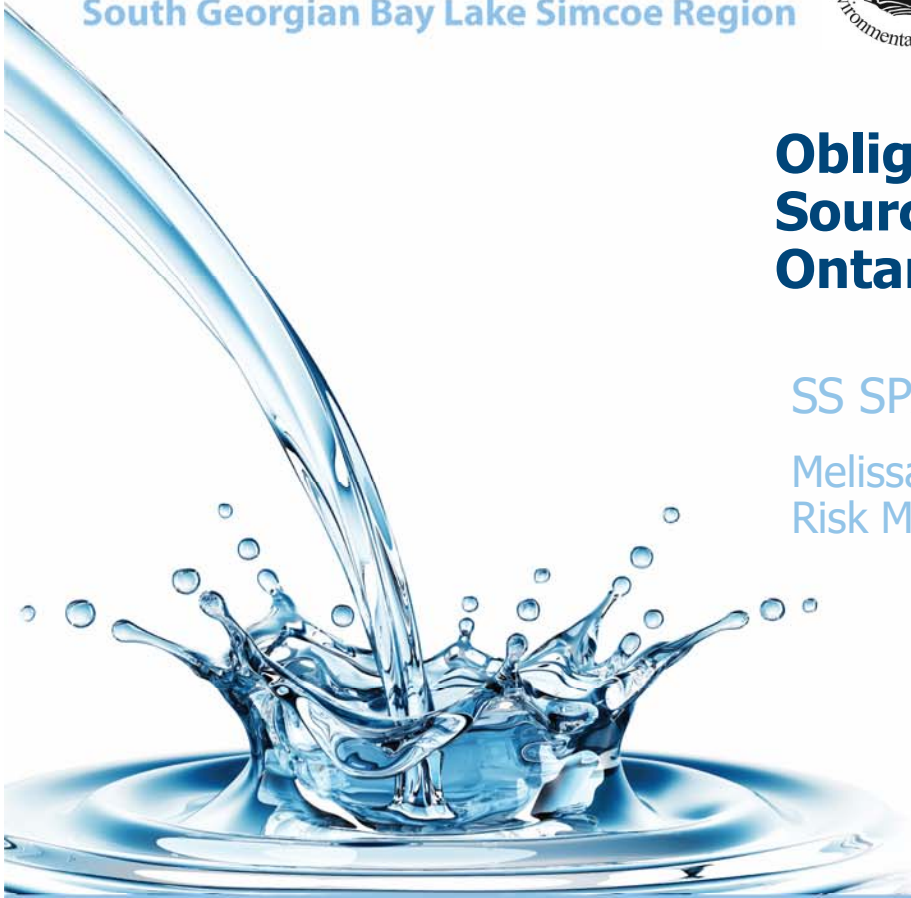
South Georgian Bay Lake Simcoe Region



Obligations for Municipalities and Source Protection Authorities under Ontario Regulation 205/18

SS SPA Board of Directors Meeting – July 26, 2021

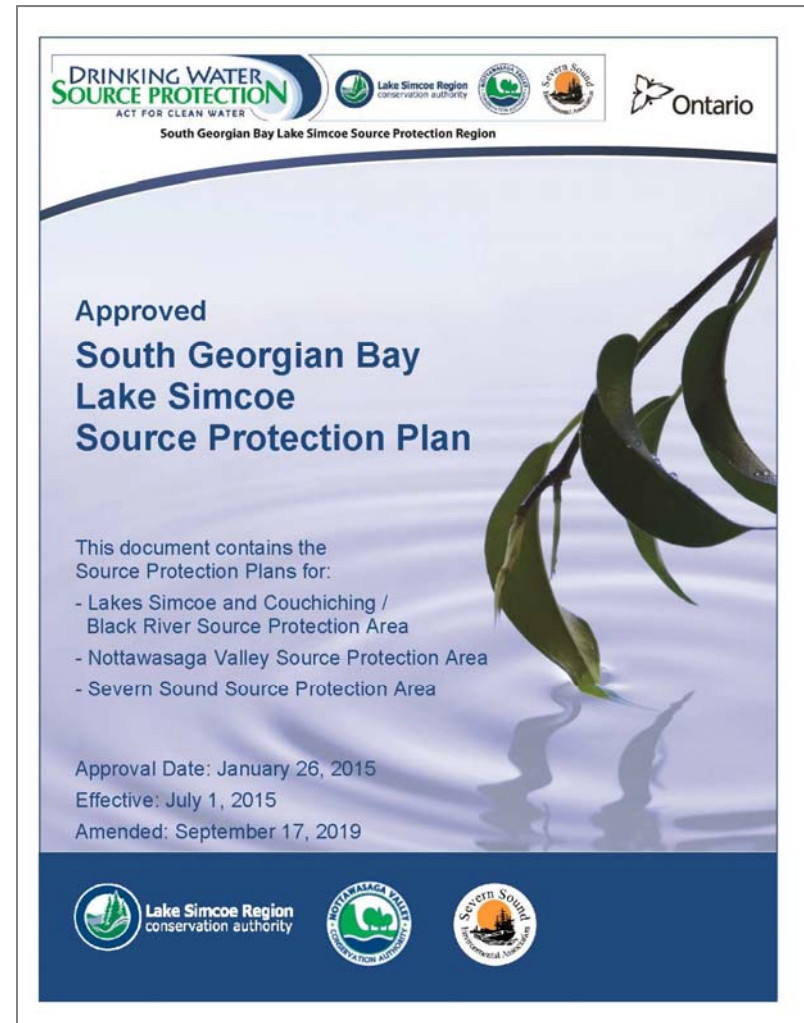
Melissa Carruthers – SSEA Risk Management Official / Risk Management Inspector



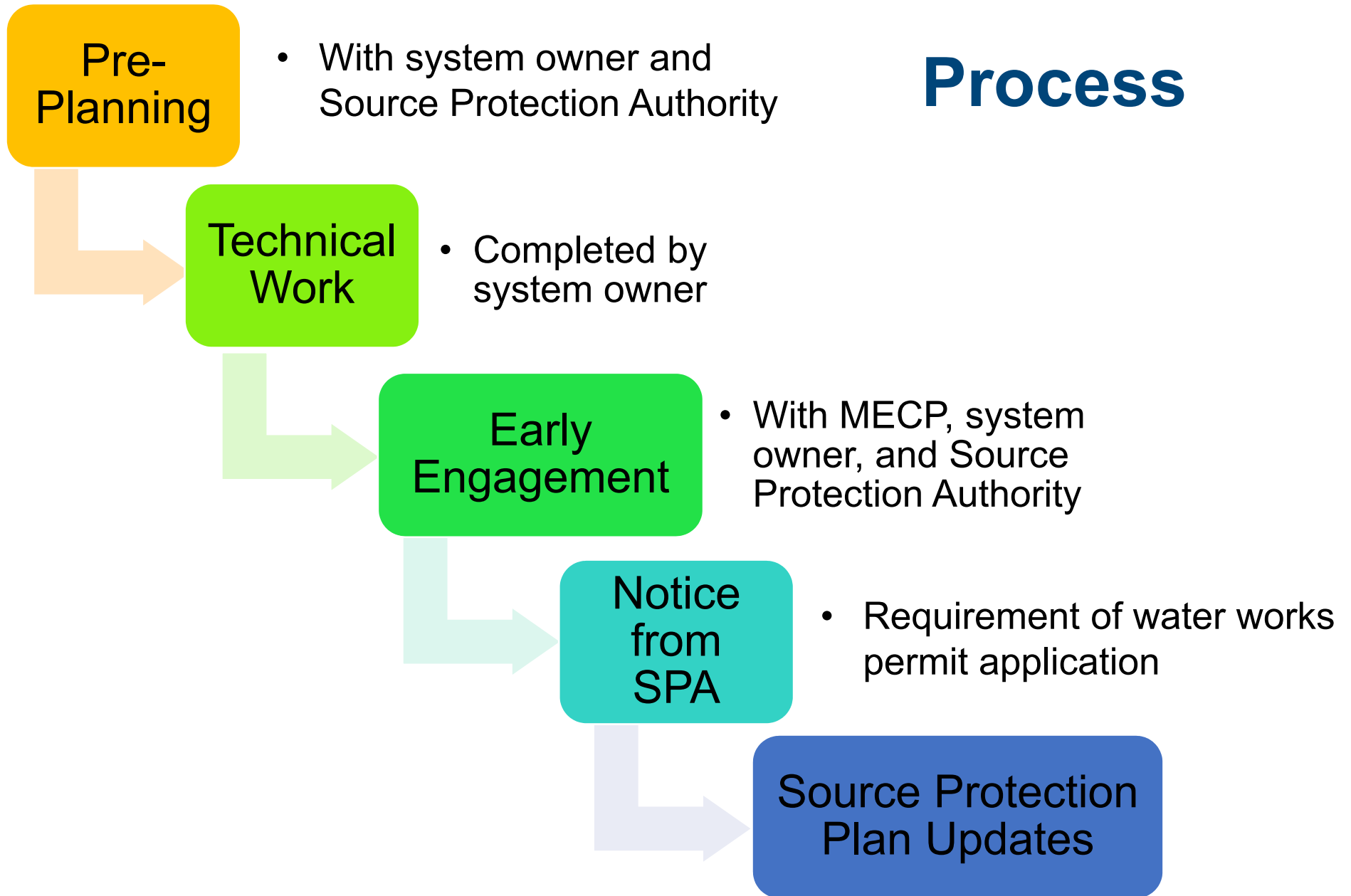
Water
is **life.**
Protect
Yours.

O.Reg 205/18

- Ontario Regulation 205 under the Safe Drinking Water Act, is intended to ensure that Source Protection Plans apply to new, expanded, or assumed systems.
- As of July 1st, 2018:
 - Municipalities can only apply for a drinking water works permit once they have confirmation from the source protection authority that vulnerable areas are identified and mapped.
 - Water cannot be provided to the public from new or expanded drinking water systems until the local source protection plan has been approved.



Process

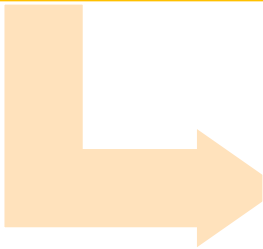


Water *is* **life.** **Protect** **Yours.**

Process Continued

Pre-Consultation

- With local municipalities and governments



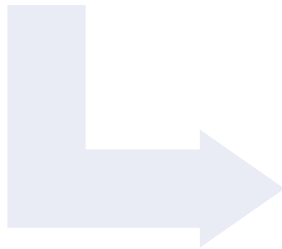
Municipal Endorsement

- Completed with all impacted municipalities. i.e., upper and lower tier



Public Consultation

- Via newspaper ads, websites, and/or public meetings



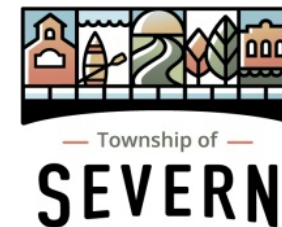
Submit to MECP



Water *is* life. Protect Yours.

Systems Going Through the Process

- Oro-Medonte
 - Braestone (SSEA)
 - Robincrest (SSEA)
 - Maplewood (LSRCA)
 - Craighurst (NVCA)
- Midland
 - Fourth Street
- Severn
 - Bass Lake Woodlands



Thank you

Water
is life.
Protect
Yours.



Melissa Carruthers
mcarruthers@severnsound.ca
705-534-7283 ext. 205



Water *is life.* **Protect** **Yours.**



South Georgian Bay Lake Simcoe Source Protection Region

Severn Sound Source Protection Authority (SPA)
July 26th, 2021 meeting

STAFF REPORT

No: 04-21-SS SPA
Date: July 26th, 2021
To: Chair and Members of the SS SPA Board of Directors
From: Melissa Carruthers, Risk Management Official / Risk Management Inspector

SUBJECT: Delegation of Authority to submit proposed Source Protection Plan amendments to Minister of Environment, Conservation and Parks

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 number 04-21-SS SPA be received for information, and,

FURTHER THAT: Source Protection Authority staff be authorized to submit completed draft amendments to the Source Protection Plan, for new or expanded drinking water systems, on behalf of the Source Protection Authority

Purpose of Staff Report

The purpose of this staff report is to seek Delegation of Authority to staff for the submission of future amendments to the Source Protection Plan to the Minister, when those amendments are technical in nature and required by Regulation 205/18 under the Safe Drinking Water Act.

Background

As a Source Protection Authority, SSEA plays an important role in protecting raw sources of municipal drinking water. Our role in the Drinking Water Source Protection Program is primarily in the identification of vulnerable areas (wellhead protection areas and intake protection zones) and in supporting the Source Protection Committee in developing policies to address significant threats to drinking water, when they occur in those vulnerable areas.

A relatively new Regulation under the Safe Drinking Water Act (Regulation 205/18) was developed to ensure that all new (or expanded) municipal drinking water systems are incorporated into Source Protection Plans. That Regulation introduces a clause to future municipal drinking water licenses, prohibiting the delivery of water from those new systems, until Source Protection Plans are amended and approved by the Minister. The Ministry has established a detailed process for Source Protection Authorities to follow, prior to submitting a draft amendment to the Minister. This process includes several stages of consultation, including early engagement with Ministry staff, consultation with the Source Protection Committee, pre-consultation with agencies responsible for implementing policies, municipal council endorsement, and public consultation. The process culminates in a submission to the Minister from the Source Protection Authority.

Analysis:

All proposed amendments to the Source Protection Plan are to be submitted to the Minister of Environment, Conservation and Parks, with a letter from all impacted Source Protection Authorities. The Act and Regulation do not specify if that letter is to come from the Board or staff; instead, it leaves it up to Source Protection Authorities to determine, based on their standard business practices. When the current Source Protection Plan was submitted to the Minister for approval however, it was submitted with a Board resolution endorsing the plan from each of the three Source Protection Authorities in our Region.

With the passing of Regulation 205, amendments to the Source Protection Plan will be required more frequently. Based on the current rate of growth and development in the Source Protection Region, staff anticipate 2-3 such amendments per year, as a region, for the foreseeable future.

These amendments will be relatively minor in nature and will simply be identifying new wellhead protection areas or new intake protection zones associated with new drinking water systems, within which existing policies will apply. Staff are of the opinion that it would be an inefficient use of the Board's time to seek their endorsement of all such amendments. It would also slow down the process, and could cause delays. Early this year, the same request has gone before the LSCRA and NVCA boards, both of which have been approved.

Staff are requesting the Board to delegate the authority to submit such draft amendments to the Minister when complete, after having completed all public and municipal engagement. Staff would provide a report to the Board on an annual basis of all such submissions, and their subsequent approval by the Ministry.

The amendment of Source Protection Plans to revise policies occurs through a separate process, under a different section of the Clean Water Act. Amendments of that sort, which have the potential to introduce new restrictions on businesses and landowners in the watershed, would still be brought to the Board for endorsement.

Summary:

Due to a new Regulation under the Safe Drinking Water Act, the South Georgian Bay Lake Simcoe Source Protection Plan will need to be amended prior to any new municipal drinking water systems coming into service. Based on the rate of growth and development in our Source Protection Region, staff are anticipating 2-3 such amendments per year, as a region, for the foreseeable future. As these amendments will be relatively straight forward in nature, and simply identify new vulnerable areas within which existing policies apply, staff are requesting the authority to submit plan amendments required under Regulation 205/18 directly to the Minister of Environment, Conservation and Parks, rather than seeking Board endorsement of all such amendments. Staff would provide a report to the Board on all such amendments submitted on an annual basis.

Prepared by:

Approved for Submission by:

Original signed by

Original signed by

Melissa Carruthers, Risk Management
Official / Risk Management Inspector

Julie Cayley, Executive Director



South Georgian Bay Lake Simcoe Source Protection Region

**Severn Sound Source Protection Authority (SPA)
July 26th, 2021 meeting**

STAFF REPORT

No: 05-21-SS SPA
Date: July 26th, 2021
To: Chair and Members of the SS SPA 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 and SSEA Risk Management Services 2021 Q2 Update

APPLICABLE STRATEGIC PLAN GOALS:

Goal 1: Sound Science

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

Goal 2: Supportive Partnerships

- Strengthen & build relationships for the implementation of Part IV of the Clean Water Act
-

RECOMMENDATION:

RESOLVED THAT: Staff Report No. 05-21-SS SPA regarding an update on the activities undertaken by SS SPA and SSEA Risk Management staff during Q2 of 2021 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 and SSEA Risk Management staff have undertaken during the second quarter of 2021.

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, the negotiation of a risk management plan are underway. 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 the second quarter of 2021 Source Protection Authority staff completed the following tasks:

- Continuing to support municipalities in updating Assessment Reports for new or changing water systems in Oro-Medonte, Severn, and Midland
- Attended 3 regional or provincial meetings on various topics such as assessment report update requirements and risk management topics specific to the drinking water source protection program.
- Signed 2021/22 funding agreement

RMO - During the first quarter of 2021 risk management staff has completed the following tasks:

- Commented on 9 development applications, answered 16 inquiries, signed 2 Risk Management Plans, and attended 1 pre-consultation meeting.

Attachment:

Status of Risk Management Plans in the Severn Sound Area table

Prepared by:
Original signed by

Melissa Carruthers, Risk Management
Official / Risk Management Inspector

Approved for Submission by:
Original signed by

Julie Cayley, Executive Director

Status of Risk Management Plans in the Severn Sound Area – As of June 30, 2021

Municipality	RMPs outstanding as of March 31, 2021	RMPs with potential to be removed	RMP process started	RMPs in draft	RMPs signed this quarter	RMPs remaining as of June 30, 2021
Georgian Bay	0					0
Midland	16	8	16			16
Oro-Medonte	2		2	2		2
Penetanguishene	2		2	1		2
Severn	10		10	1		10
Tay	1		1			1
Tiny	20		20	16	2	18
Total	51	8	51	20	2	49

RMP = Risk Management Plan