



Lake Simcoe
Region
Conservation
Authority



South Georgian Bay Lake Simcoe Source Protection Region

**SEVERN SOUND SOURCE PROTECTION AUTHORITY
MEETING NO. 01-22-SS SPA
Thursday, April 28th, 2022 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**
Minutes of the 02-21-SS SPA meeting held on July 26th, 2021 were approved at the October 25, 2021 SSEA meeting
- 5. SOURCE PROTECTION COMMITTEE UPDATE**
Staff Report No. 01-22-SPA from Lynn Dolin, Chair of the South Georgian Bay Lake Simcoe Source Protection Committee
- 6. 2021 REGIONAL ANNUAL REPORTING UPDATE**
Staff Report No. 02-22-SS SPA and presentation from the SSEA Risk Management Official/Risk Management Inspector regarding an overview on the 2021 regional Source Protection Plan annual reporting implementation status
- 7. RISK MANAGEMENT OFFICIAL/RISK MANAGEMENT INSPECTOR UPDATE**
Staff Report No. 03-22-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.
- 8. SOURCE PROTECTION PLAN AMENDMENT UPDATE**
Staff Report No. 04-22-SS SPA from the Risk Management Official/Risk Management Inspector regarding the status of various Source Protection Plan amendments.
- 9. OTHER BUSINESS**
- 10. ADJOURN**

Source Protection Authority Staff Report

To: Severn Sound Source Protection Authority

From: Lynn Dollin, Chair – South Georgian Bay Lake Simcoe Source Protection Committee

Date: April 28, 2022

Subject:

Source Protection Committee Chair's Update

Recommendation:

RESOLVED THAT: Report No. 01-22-SPA regarding Source Protection Committee updates by South Georgian Bay Lake Simcoe Source Protection Committee Chair Lynn Dollin be received for information.

Chair's Update

It is my pleasure to bring you a brief update from the Source Protection Committee since the last Severn Sound Source Protection Authority Board meeting.

The Committee has met twice since your last Board meeting. In these meetings the Committee has reviewed the annual report on implementation progress, and discussed challenges Risk Management Officials have faced in completing the negotiation of Risk Management Plans in the face of COVID-19. The Committee is confident in the Risk Management Officials in our Source Protection Region, and continue to be impressed by their diligence in delivering on the policies in the Source Protection Plan. We recognize however that the COVID-19 pandemic has introduced unprecedented challenges to their work, including periodic requirements that municipal staff cease site visits, and the Risk Management Officials' empathy for small businesses, many of whom were facing unprecedented challenges themselves. At our last meeting, representatives of the Risk Management Officials outlined some of these challenges, and presented a work plan to complete their remaining RMP negotiation. The Source Protection Committee has agreed to provide a three-year extension to this deadline, to allow the RMOs to safely navigate the return to normal, and to do so in a way that is supportive of maintaining relationships with businesses, farmers, and other landowners who require Risk Management Plans.

The Source Protection Committee also continues to review proposed amendments to our Assessment Report to incorporate new municipal wells. Since I last spoke with you, the Committee has received presentations from Durham Region regarding some changes to the municipal drinking water systems in the communities of Cannington and Sunderland, and agreed that the proposed amendments were appropriate.

I've recently had a chance to meet the new Director of the Conservation and Source Protection Branch at the Ministry of Environment, Conservation and Parks. The new Director, Kirsten

Corrigal, began her new role by meeting with Source Protection Chairs across the province, and I had an opportunity to share with her more detail about the characteristics of our region and the activities of our committee. She shared her view of the future of the program and I was very pleased to learn that for the first time, the Province has committed to a multiyear (two-year) funding model.

The Province has also released a new best practices guide with lessons learned from our years of work <https://www.ontario.ca/document/best-practices-source-water-protection> for municipalities that may wish to undergo this work in areas not protected by a Source Water Protection Plan, for example, rural schools or retirement homes on private systems.

In my last report to this Board, I mentioned that the Committee was waiting for the Province to release updates to their Director Technical Rules, which outline the details of how Source Protection Plans are to be developed and amended. Those updates have now been released, and in the coming months, the Committee will be reviewing the implications of these changes to our Source Protection Region, and assessing whether policies in the Source Protection Plan should be amended accordingly.

Respectfully submitted,

Lynn Dollin, Chair



South Georgian Bay Lake Simcoe Source Protection Region

**Severn Sound Source Protection Authority (SPA)
Meeting No. 01-22-SS SPA
April 28, 2022 meeting**

STAFF REPORT

No: 02-22-SS SPA
Date: April 28th, 2022
To: Chair and Members of the SS SPA Board of Directors
From: Melissa Carruthers, Risk Management Official / Risk Management Inspector

SUBJECT: 2021 Regional Drinking Water Source Protection Report to the Province

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. 02-22-SS SPA regarding the 2021 Regional Drinking Water Source Protection Report to the Province be received for information.

Purpose of Staff Report:

The purpose of this Staff Report No. 02-22-SPA is to provide an overview of the South Georgian Bay Lake Simcoe Source Protection Plan annual progress report.

Background:

The South Georgian Bay Lake Simcoe Source Protection Plan (SPP) has been in effect since July 1, 2015. The local Source Protection Authorities (SPAs) are required to monitor and report on the implementation of the SPP policies, by February 1st of each year and that the lead Source Protection Authority (LSRCA) report to the Director of Source

Protection (MECP) on the implementation of all policies by May 1st of each year. As part of this process, the Source Protection Committee is provided an opportunity to comment on the report before its submission (report attached).

A primary objective of monitoring and reporting is to assess if threats to municipal drinking water sources are being reduced through the implementation of the Plan's policies. This information will help support any future amendments to the Plan and provide accountability and transparency to stakeholders.

Essential implementation actions such as establishing a Risk Management Office and drafting policies for municipal Official Plans have been completed across the Source Protection Region. All municipalities have begun the process of negotiating risk management plans with landowners and most municipalities have successfully completed some of their required risk management plans. Similarly, Ontario ministries have completed the task of reviewing previously issued provincial approvals (prescribed instruments such as Nutrient Management Plans) where they have been identified to address existing activities that may pose a risk to sources of drinking water.

Discussion/Issues:

At their most recent meeting, the Source Protection Committee reviewed the data provided to Source Protection staff and identified the following key findings:

- All municipalities have submitted their annual reports to Source Protection Authority staff.
- Most policies (98%) that address significant drinking water threats in the Plan have been or are in the process of being implemented in accordance with the timelines set out in the Plan or otherwise amended.
- It is estimated that 92% (2,965 of 3,218) of existing significant drinking water threats have been mitigated through policy implementation.
- A total of 265 risk management plans have been established and an estimated 103 risk management plans remain to be negotiated across the Source Protection Region. Historic rates of risk management plan establishment suggest the July 2022 deadline is unlikely to be met. In addition, the rate of risk management plan negotiation in the remaining 2 months leading up to the deadline will continue to be impacted by the COVID-19 pandemic.
- Of the estimated 2,095 second round of inspections of on-site sewage (septic) systems required, 1,603 have been completed.

In early 2020, most Risk Management Officials indicated they had a plan in place to complete their risk management plans by the July 2022 deadline. For some, however, the COVID pandemic resulted in delays, and they may no longer have the resources to complete by the deadline. At the SPC meeting held on March 29, 2022, select Risk Management Officials presented a comprehensive workplan to complete all the outstanding risk management plans in the next three years (by July 2025). They demonstrated that for the majority of the estimated 103 risk management plans remaining to be completed negotiations were well underway and draft risk management plans have been created. The workplans include having additional staff complete the

Risk Management Official training, to add resources to help meet the proposed new target date. At that same meeting, the committee passed a resolution to have Source Protection Authority staff seek an additional three-year extension on the deadline for risk management plan completion. The Source Protection Committee requested that Risk Management Officials bring progress reports on risk management plan completion to the Source Protection Committee on an annual basis.

The Source Protection Committee has indicated that it is satisfied with the current rate of progress on plan implementation given the impacts of the pandemic and the resources available to Risk Management Officials to complete the work.

Summary and Recommendation:

The various implementers of the South Georgian Bay Lake Simcoe Source Protection Plan have submitted their 2021 annual reports to the Source Protection Authority as required under the *Clean Water Act*. These reports show that implementation of the Plan is currently progressing at a satisfactory rate. Most Plan policies are progressing in accordance with the timelines specified in the Plan.

The estimated number of risk management plans still to be negotiated, along with historic rates of risk management plan establishment, suggests the July 2022 deadline is unlikely to be met. Source Protection Authority staff, under the direction of the Source Protection Committee will seek an additional three-year extension from MECP on the deadline for risk management plan completion.

Attachment:

Appendix A: 2021 Source Protection Annual Progress Report

Prepared by:

Original signed by

Melissa Carruthers, Risk Management
Official / Risk Management Inspector

Approved for Submission by:

Original signed by

Julie Cayley, Executive Director

Source Protection Annual Progress Report

South Georgian Bay Lake Simcoe Region



On the Implementation of the South Georgian Bay Lake Simcoe Source Protection Plan

Reporting period January 1 – December 31, 2021

Ourwatershed.ca



Source Protection Annual Progress Report

I. Introduction

This annual report briefly summarizes the progress made in implementing the source protection plan for the Lakes Simcoe & Couchiching Black River, Nottawasaga Valley and Severn Sound Source Protection Areas, as required by the Clean Water Act and its regulations for the 2021 calendar year.

Protecting the sources of our drinking water is the first step in a multi-barrier approach to safeguard the quality and quantity of our water supplies. The source protection plan is the culmination of extensive science-based assessments, consultation with the community, collaboration with local stakeholders and the province, and research. The implementation of the policies contained in the source protection plan will ensure that activities carried out in the vicinity of municipal drinking water supply wells and lake-based drinking water intakes will not pose a significant risk to those supplies.



II. A message from your local Source Protection Committee

Our source protection committee was asked to provide a progress score on achieving source protection plan objectives this reporting period, with three progress scores to choose from as follows:

- **Progressing Well/On Target** – The majority of the source protection plan policies have been implemented and/or are progressing.
- **Satisfactory** – Some of the source protection plan policies have been implemented and/or are progressing.
- **Limited progress** – A few of source protection plan policies have been implemented and/or are progressing.

The progress score selected for achieving source protection plan objectives this reporting period is satisfactory.

The COVID-19 pandemic has impacted progress made in achieving source protection plan objectives in 2021 and will continue to have an impact into the future. Despite that, all municipalities submitted their 2021 annual reports to the Source Protection Authority. Municipalities in our source protection region have processes in place to ensure planning decisions conform to our source protection plan. Ninety-eight percent of the policies that address significant drinking water threats in our Plan have been or are being implemented. Approximately 92% of the 3,313 significant drinking water threats that existed at the time of source protection plan approval have been addressed through policy implementation.

While 265 risk management plans (RMPs) have been established as of December 31, 2021, it is unlikely that the estimated 103 outstanding RMPs will be completed by the July 2022 deadline. A RMP deadline extension will be sought, and progress will be monitored on outstanding RMPs until they are all complete.

III. Our Watershed

The South Georgian Bay Lake Simcoe source protection region contains four watersheds and spans over 10,000 km², from the Oak Ridges Moraine in the south to the Canadian Shield in the north and is comprised of the Black-Severn, Lake Simcoe, Nottawasaga Valley and Severn Sound watersheds. The region contains portions of the Niagara Escarpment, Oak Ridges Moraine, Oro Moraine, Peterborough Drumlin Fields, Simcoe Uplands and Lowlands and the Canadian Shield. The region includes:

- 4 watersheds
- 52 municipalities
- 3 First Nations communities
- 107 drinking water systems
- 276 municipal supply wells
- 16 municipal surface water intakes
- More than 50,000 private wells

All told, the South Georgian Bay Lake Simcoe region has about one third of the municipal drinking water systems in the province.

The region is complex and diverse in terms of geology, physiography, population, and development pressures, with many, often conflicting, water uses including drinking water supply, recreation, irrigation, agriculture, commercial and industrial uses, as well as ecosystem needs.

These differences represent a significant challenge for the development of a source water protection plan because of the associated variability of available information upon which to base the technical work, the differing stresses on water resources related to development pressure and population growth, and the differences in the nature, density and locations of threats to the quality and quantity of water resources.

To learn more, please read our assessment reports and source protection plan.

IV. At a Glance: Progress on Source Protection Plan Implementation

1. Source Protection Plan Policies and Addressing Significant Risks

The South Georgian Bay Lake Simcoe Source Protection Committee included 129 policies in their source protection plan to address 22 prescribed threats, protect sources of drinking water and monitor the progress of policy implementation.

Since the source protection plan took effect over six years ago, much has been accomplished. To date, 100% of the legally binding policies that address significant drinking water threat activities have been addressed: have been implemented (42%); are in the process of being implemented (51%); or have been evaluated and determined no further action is required (7%).

The progress score for implementing Plan policies is progressing well/on target.

2. Municipal Progress: Addressing Risks on the Ground

Of the 52 municipalities (upper, lower and single-tier) within the South Georgian Bay Lake Simcoe Source Protection Region, 43 of these are subject to one or more source protection plan policies. The remaining nine municipalities do not have vulnerable areas where policies apply.

Planning departments and building officials are screening applications for locations within vulnerable areas where threats to drinking water sources are possible and policies may apply.

Municipalities in our source protection region are also required to take the next step to review and update their Official Plan to ensure it conforms with the local source protection plans the next time they undertake an Official Plan review under the Planning Act. Official Plans have either been amended or are being reviewed for inclusion of source protection requirements. Of the 43 municipalities that are subject to source protection plan policies, 42 have amended or are in the process of amending their Official Plan to conform with the source protection plan for our region.

The municipal progress score is progressing well/on target.

3. Septic Inspections

Within our source protection region, 2,095 septic systems are required to be inspected as part of the 5-year inspection cycle. To date, 1,603 (77%) of on-site sewage systems have been inspected in accordance with the Ontario Building Code in the second round.

The progress score for the septic inspection program is progressing well/on target.

4. Risk Management Plans

265 risk management plans have been established in our source protection region as of December 31, 2021 with 14 of those being completed within the 2021 calendar year.

45 inspections have been carried out in 2021 by a Risk Management Official/Inspector (RMO/I) for prohibited or regulated activities. There is a greater than 99% compliance rate with the risk management plans established in our source protection region.

We have made significant progress in establishing RMPs however it is unlikely that we will meet the July 2022 deadline. It is difficult to gauge exactly how many significant drinking water threats will be removed through threats verification work (and therefore not require an RMP). Source protection authority staff plan to seek an extension to the current RMP deadline.

The progress score for establishing risk management plans is satisfactory.

5. Provincial Progress: Addressing Risks on the Ground

Ontario ministries are reviewing applications for new or amended and previously issued provincial approvals (i.e. prescribed instruments, such as environmental compliance approvals under the Environmental Protection Act) where they have been identified as a tool in our plan to address activities that pose a significant risk to sources of drinking water. The provincial approvals are being issued, denied, amended or revoked, where necessary, to conform to plan policies. Our policies set out a timeline of five years from the date the source protection plan took effect (July 1, 2015) to complete the review of existing activities and make any necessary changes to previously issued approvals. The timeline for new or amended prescribed instruments is outlined in the Plan as the day the Source Protection Plan took effect. The Ministries have reported 100% completion of previously issued provincial approvals in our source protection region and have a review protocol in place to screen all new applicable approval applications.

The progress score for the addressing risks using prescribed instruments is progressing well/on target.

6. Source Protection Awareness and Change in Behaviour

To raise awareness about the protection of local drinking water sources, municipalities across the South Georgian Bay Lake Simcoe source protection region have installed a total of 334 drinking water protection zone signs on municipal roads surrounding vulnerable areas. In addition, 14 signs have been installed on provincial highways.

7. Source Protection Plan Policies: Summary of Delays

Of the 129 policies included in the Source Protection Plan, all (with the exception of one) are currently being implemented or are in the process of being implemented. The only policy that has had no progress made to date is the non-legally binding policy on transport pathways (TP-1). This policy only applies to one municipality in the Severn Sound Source Protection Area. Within this area there are numerous significant drinking water threats and managing these threats through the use of legally binding policies has been the main priority to date. This policy will continue to be considered in future work plans.

8. Source Water Quality: Monitoring and Actions

City of Barrie - Barrie Well Supply - Central Well Field Issue contributing area for:

Sodium Chloride

An increasing concentration/trend has been observed.

The City of Barrie is developing Risk management plans based on the Threat Based Approach and all City contractors are Smart about Salt certified.

Town of Penetanguishene - Robert Street West Supply Well Issue contributing area for:

TCE

A decreasing concentration/trend has been observed.

Township of Brock – Cannington Well Supply – Arena Well Field

TCE

A decreasing concentration/trend has been observed.

Township of Severn - Coldwater Well Supply Issue contributing area for:

TCE

A decreasing concentration/trend has been observed.

Tiny Township - Lafontaine Well Supply Issue contributing area for:

Nitrate

A decreasing concentration/trend has been observed.

Tiny Township - Georgian Sands Well Supply Issue contributing area for:

Nitrate

An increasing concentration/trend has been observed.

9. Science-based Assessment Reports: Work Plans

No work plans were required to be implemented for our assessment reports.

10. More from the Watershed

To learn more about the South Georgian Bay-Lake Simcoe Protection Region, visit:

www.ourwatershed.ca

Education and outreach is an important part of implementing Source Protection. Source protection authorities, municipalities and RMOs within the region continue to engage the community through site visits, media, workshops, etc.

In 2021 the Lake Simcoe & Couchiching Black River Source Protection Authority teamed-up with the Ontario Petroleum Transporters and Technicians Association to deliver source water protection education and outreach to fuel providers. We are taking a personalized approach to deepen the understanding and level of engagement about source water protection by meeting with key personnel at the largest fuel distribution companies in our region. The meeting provides fuel distributors with an introduction to source water protection concepts, informs them of where the vulnerable areas are located, and discusses ways fuel providers can protect sources of drinking water. We are looking to them to help educate their staff and build simple steps into their existing health and safety practices that will prevent spills in vulnerable areas around municipal water wells.

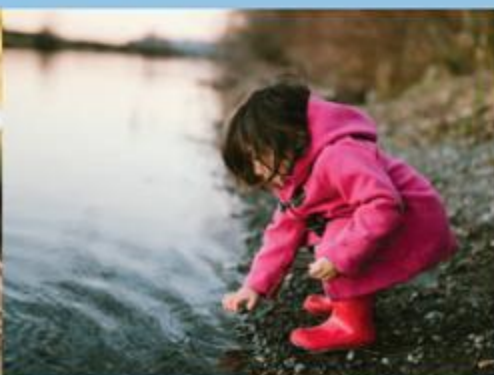
Annual Report to the Ministry - Progress Made in Protecting Sources of Drinking Water

Melissa Carruthers, SSEA RMO/RMI

April 28, 2022



Agenda Package Page 16



Water
is life.
Protect
Yours.

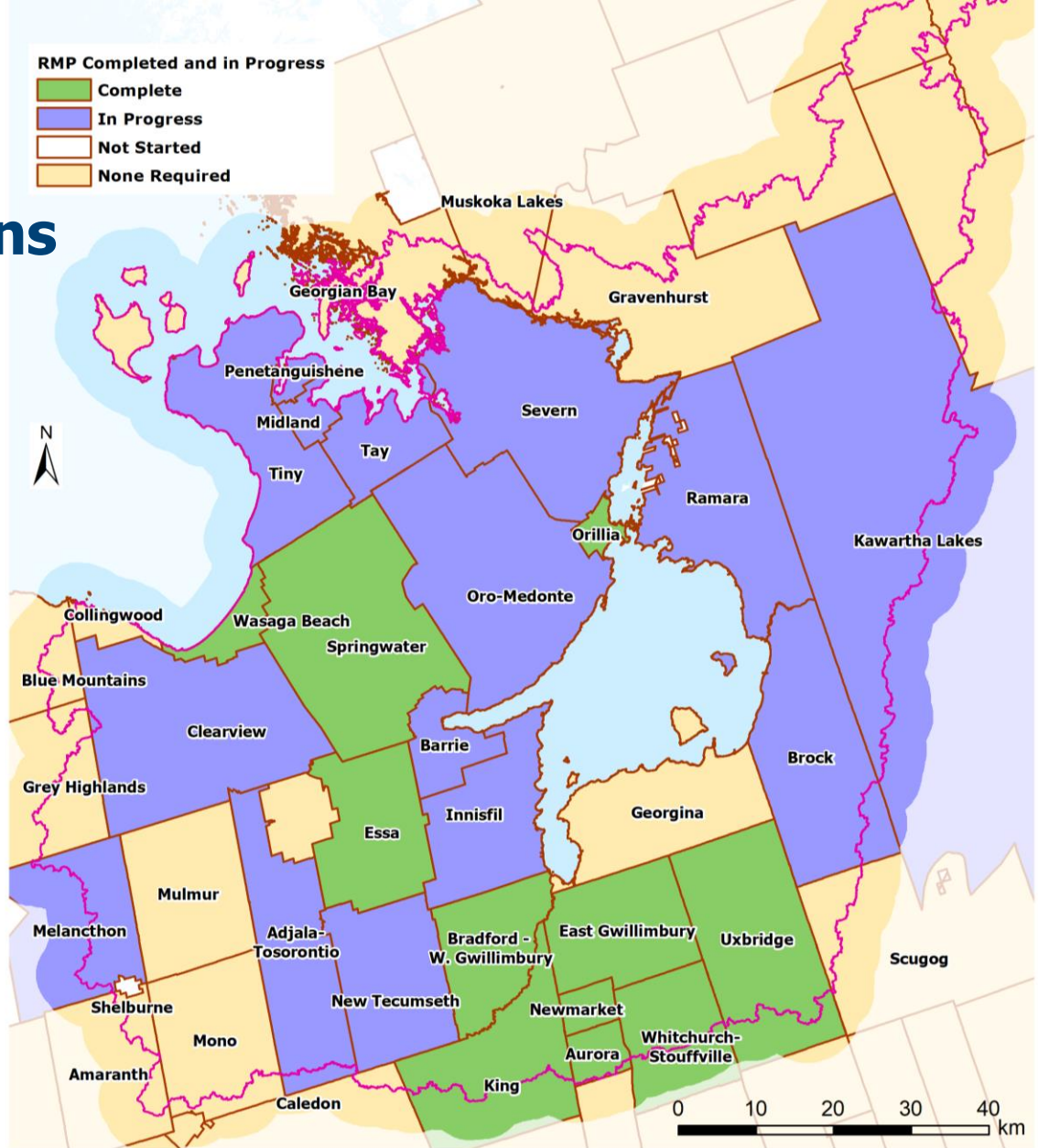
Presentation Outline

- Objectives of Annual Reporting
- Progress Update (Risk Management Plans, Official Plan Amendments, Septic Inspections and Prescribed Instruments)
- Potential Issues
- Solutions
- Source Protection Committee's Comment on Progress
- Questions?

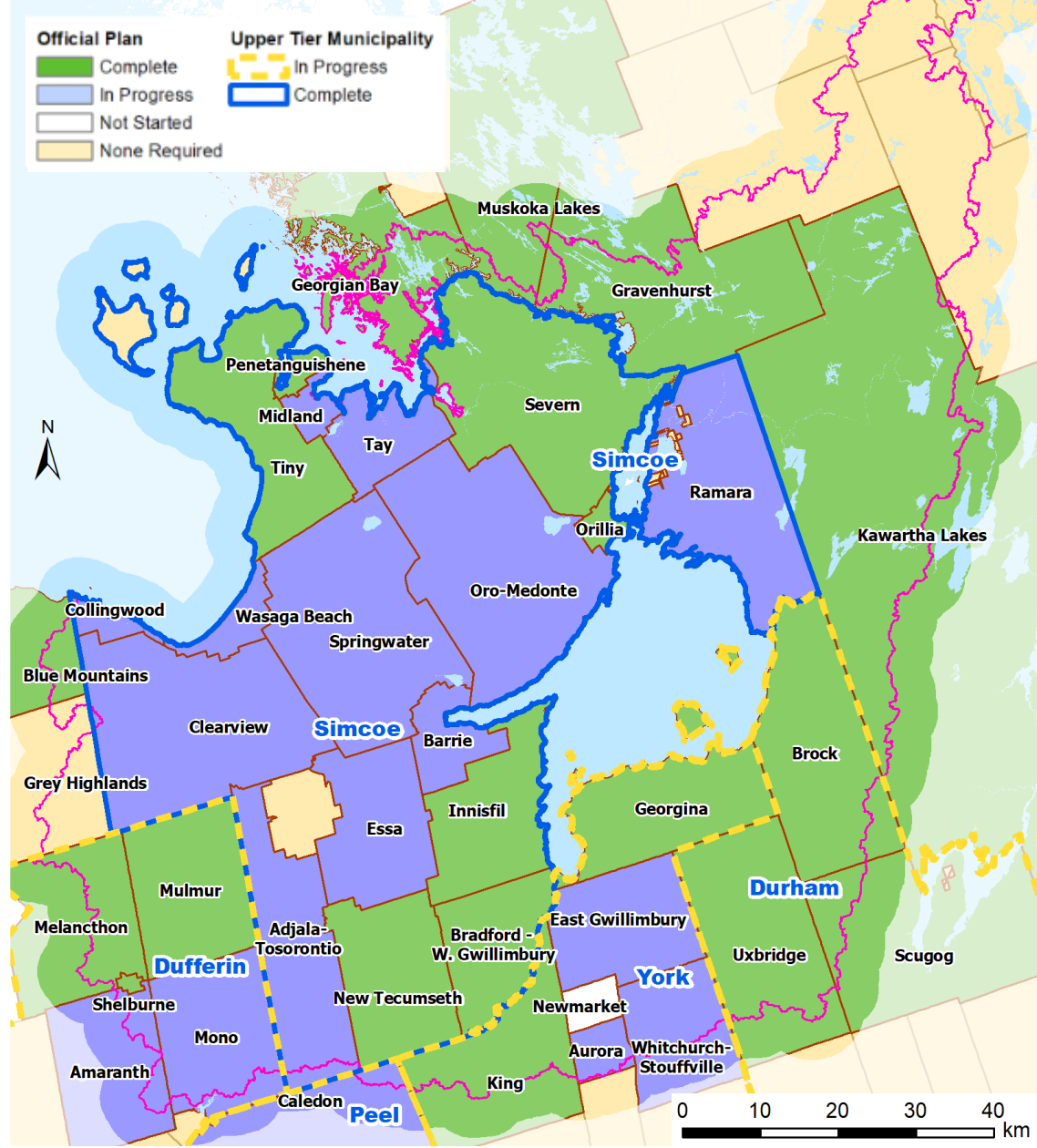
Risk Management Plans Progress to Date (Completed and In-Progress Plans)

REPORTING PERIOD	Estimated # of RMPs Required	# of RMPs Completed
Half of 2015	No Data	25
2016	691	32
2017	476	49
2018	360	72
2019	140	54
2020	119	19
2021	103	14
Total		265

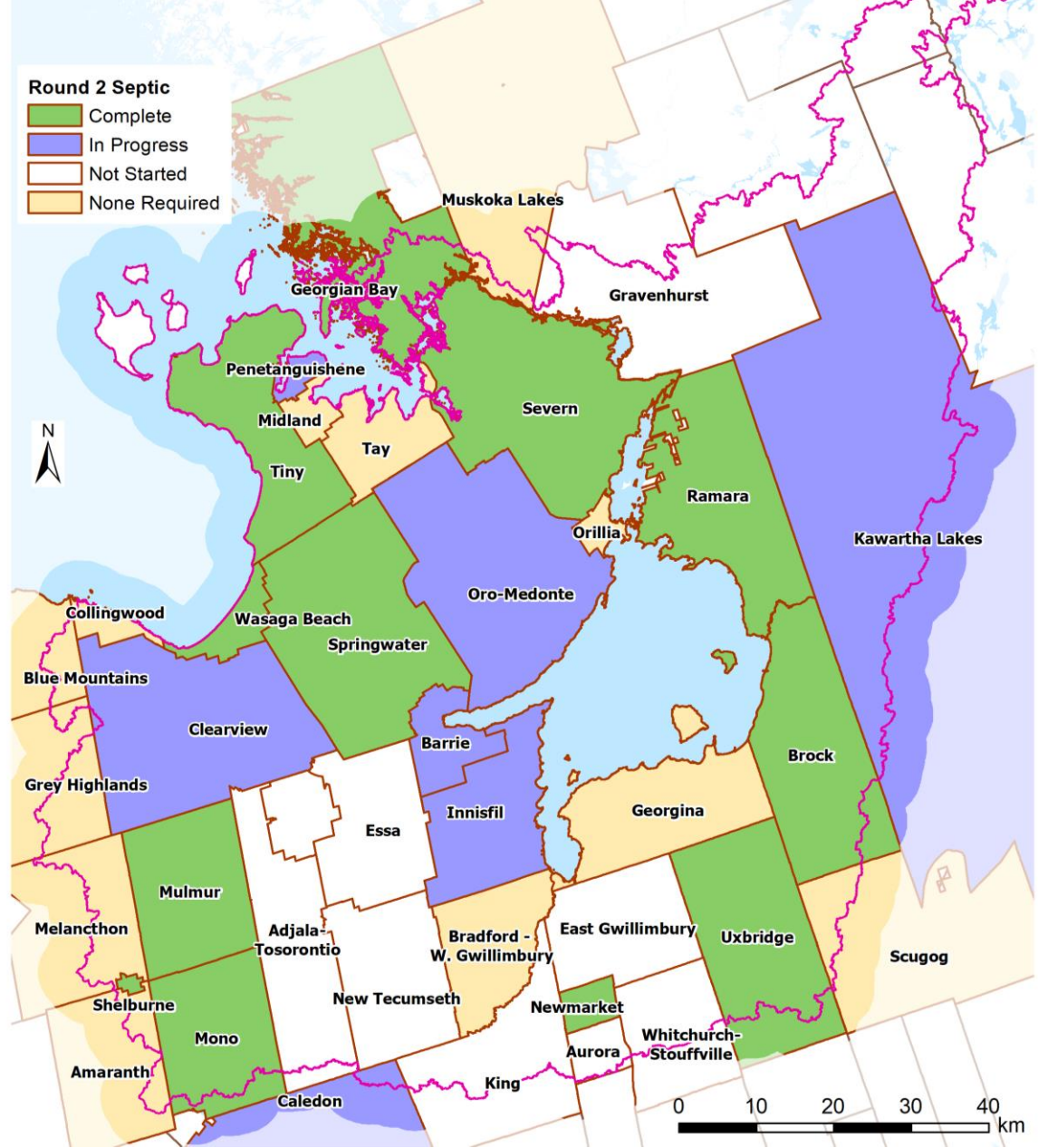
We have approximately 103 risk management plans remaining to negotiate with 2 months to go.



Official Plan Updates Progress to Date



Round 2 Septic Inspections Progress to Date



Ministry Progress in Addressing Existing Threats

MECP

Fuel Handling
& Storage



Permit to
Take Water

Wastewater /
Sewage Works



Landfilling
and Storage

OMAFRA

Non-Agricultural
Source Material Plans

Nutrient Management
Strategies

100% Complete



Potential Issues – Risk Management Plans

- The COVID-19 pandemic has significantly impacted risk management plan negotiation across the province in the past year.
- Risk Management Officials have been respectful of small businesses that have been severely challenged by COVID-19.
- Some Risk Management Officials will not complete all their required risk management plans by the July 2022 deadline.



Solutions – Risk Management Plans

- Detailed workplans were provided to the Source Protection Committee outlining steps required to complete all outstanding risk management plans over the next 3 years.
- Negotiations have begun, some risk management plans are already drafted, and, in many cases, risk management measures are already in place.
- Additional staff will complete the Risk Management Official training in 2022.
- Risk Management Officials will bring annual progress reports on risk management plans to future Source Protection Committee meetings.
- In their latest meeting, the Source Protection Committee passed a resolution to have Source Protection Authority staff seek an additional three-year extension (to July 2025) on the deadline for risk management plan completion.

Recommended Progress Score

The Source Protection Committee recommends providing a progress score of:

S: Satisfactory

on achieving source protection plan objectives this reporting period.

(Satisfactory = Some of the source protection plan policies have been implemented and/or are progressing in accordance with the timelines specified in the source protection plan)



**A clean glass of water starts
long before you turn on the tap**

Thank you!

Questions?

Melissa Carruthers
Risk Management Official/Inspector
Severn Sound Environmental Association
705-534-7283, ext. 205
MCarruthers@SevernSound.ca



South Georgian Bay Lake Simcoe Source Protection Region

**Severn Sound Source Protection Authority (SPA)
Meeting No. 01-22-SS SPA
April 28, 2022 meeting**

STAFF REPORT

No: 03-22-SS SPA
Date: April 28th, 2022
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 2022 Q1 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. 03-22-SS SPA regarding an update on the activities undertaken by SS SPA and SSEA Risk Management staff during Q1 of 2022 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 first quarter of 2022.

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 risk management plans 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 first quarter of 2022 Source Protection Authority staff completed the following tasks:

- Source Protection Plan and Assessment Report updates for three Oro-Medonte systems (Braestone, Maplewood Estates, and Robincrest) were submitted to the Ministry for approval
- Continuing to support municipalities in updating Assessment Reports for new or changing water systems in Springwater, Severn, Oro-Medonte, Tiny, Midland, and Orillia
- Attended 6 regional or provincial meetings on various topics such as communications, assessment report updates requirements, Source Protection Committee meetings, and risk management topics specific to the drinking water source protection program
- Assisted municipalities in meeting their February 1, 2022 annual reporting requirements
- Held a Drinking Water Source Protection 101 with Township of Georgian Bay planning staff

RMO - During the first quarter of 2022 risk management staff has completed the following tasks:

- Commented on 5 development applications, answered 12 inquiries, and attended 1 pre-consultation meeting
- Presented to the local Source Protection Committee to ask for a 3-year extension to the current July 1, 2022 Risk Management Plan deadline

- Hired a one-year contract Drinking Water Source Protection Assistant to help expedite remaining risk management plans.
 - 4 SSEA staff attending the Property Entry, Risk Management Official, and Risk Management Inspector training by the Ministry of the Environment, Conservation and Parks
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Attachment:

Status of Risk Management Plans in the Severn Sound Area and proposed work plan

Prepared by:
Original signed by

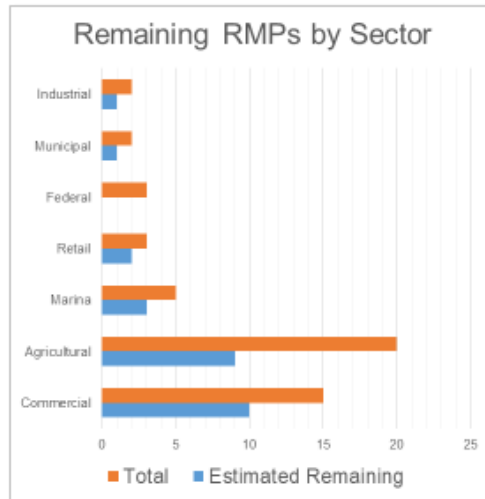
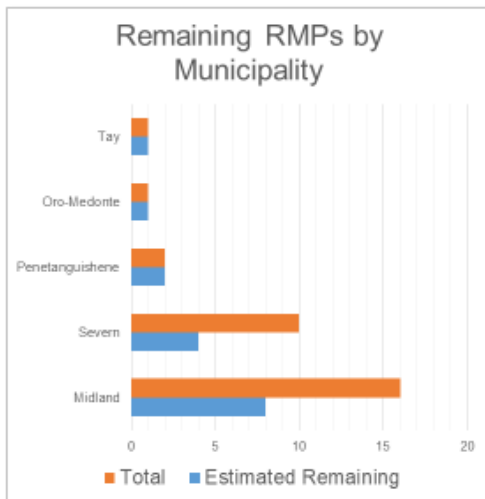
Melissa Carruthers, Risk Management
Official / Risk Management Inspector

Approved for Submission by:
Original signed by

Julie Cayley, Executive Director

Severn Sound SPA Workplan

- **28** (estimated remaining) to finalize
 - 52 (total) remaining, estimating 23 to be removed



Water is life. Protect Yours.

Severn Sound SPA Workplan

- 4 SSEA staff attended MECP training
- 2022
 - Complete 4 at signature stage
 - re-establish relationships
 - complete windshield surveys, and site visits, etc.
- 2023-2024
 - negotiate and finalize remaining 24
- First 6 months of 2025
 - any holdouts and issue orders if needed.



Water is life. Protect Yours.



South Georgian Bay Lake Simcoe Source Protection Region

**Severn Sound Source Protection Authority (SPA)
Meeting No. 01-22-SS SPA
April 28, 2022 meeting**

STAFF REPORT

No: 04-22-SS SPA
Date: April 28th, 2022
To: Chair and Members of the SS SPA Board of Directors
From: Melissa Carruthers, Risk Management Official / Risk Management Inspector

SUBJECT: Update on Source Protection Plan amendments submitted for Ministerial approval

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 04-22-SS SPA regarding amendments to the South Georgian Bay Lake Simcoe Source Protection Plan submitted to the Minister of Environment, Conservation and Parks for approval be received for information,

Purpose of Staff Report

The purpose of this Staff Report No. 04-22-SS SPA is to provide an update to the Source Protection Authority Board of Directors on amendments to the South Georgian Bay Lake Simcoe Source Protection Plan that have recently been submitted for approval by the Minister of the Environment, Conservation and Parks.

Background

Regulation 205/18 under the *Safe Drinking Water Act* requires that any amendments to municipal residential Drinking Water Works Licences and Permits be accompanied by

an amendment to the appropriate Source Protection Plan. The intent of this Regulation is to ensure that raw sources of municipal drinking water remain protected, even as drinking water systems change (or expand). As such, new or upgraded municipal wells or water treatment plants generally require new or revised Wellhead Protection Areas and Intake Protection Zones in Source Protection Plans, and may lead to new restrictions association with Source Protection Plan policies in those areas.

As a Source Protection Authority, we are responsible for ensuring these amendments are completed, and ultimately approved by the Minister of Environment, Conservation and Parks. The process we are directed to follow is a consultation-rich one, with engagement occurring with MECP staff, municipal staff and councils, implementing bodies, and affected local landowners. After completing that consultation, and drafting the amendment to the Plan, we are to submit to the Minister for approval.

Issues/Analysis:

At the July 26, 2021, the Severn Sound Source Protection Authority Board delegated authority to submit such amendments to staff (Motion #2021-09), with a commitment from staff for annual updates on any such amendments submitted. This is the first such update.

Source Protection staff have recently submitted an amendment to the Minister for approval which address three drinking water systems in the Township of Oro-Medonte.

The Township of Oro-Medonte amendment addresses the transfer of ownership of the Braestone drinking water system to the municipality. Transfer of ownership of this sort requires that the Braestone system be added to the Source Protection Plan, and staff from Severn Sound SPA have been working closely with the Township and the current owner of the system, to make sure our amendment process proceeds smoothly. This amendment also includes the addition of new wells which were recently added to the Maplewood and Robincrest drinking water systems. As a result of the amendments, 13 properties will now require septic system inspections on a five-year basis.

This amendment was recently submitted for approval, so approval has not yet been received. However, as MECP technical and policy staff have been engaged in the processes throughout, Ministerial approval is expected to be straight forward.

Summary:

As the Source Protection Authority is responsible for ensuring that the Source Protection Plan is amended to account for new or expanded municipal drinking water systems. Since the Board delegated Authority to submit such amendments for approval, one amendment has been completed and submitted for the Township of Oro-Medonte (for the Braestone, Maplewood, and Robincrest drinking 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