

# DRINKING WATER SOURCE PROTECTION

ACT FOR CLEAN WATER



Lake Simcoe Region  
conservation authority



## South Georgian Bay Lake Simcoe Source Protection Region

# SGBLS Region program update

SPC Meeting  
April 2016

Presented By: Ben Longstaff  
General Manager, Integrated Watershed Management  
Lake Simcoe Region Conservation Authority



**South Georgian Bay Lake Simcoe Source Protection Region**

- SGBLS 2016-17 work plan
- SWP Transition - Next few years...

**South Georgian Bay Lake Simcoe Source Protection Region**

# Implementation Support

- Continued policy and technical support to implementing bodies. E.g.
  - SPMIF support: e.g. ensure spend funds, continued collaboration etc
  - Policy support: RMPs, LUP
  - Technical support:
    - Changes to drinking water systems (new/decommission): e.g. Cannington, Shelburne, Lagoon City

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# Support local awareness

- Continued outreach to target audiences
  - e.g. EMS, real-estate, marinas
  - Use existing audience opportunities: e.g. association meeting, AGMs etc
- Update background materials (cleaning out the closet)
  - Background material to represent current state of the SWP and target audience
  - For use my RMOs, municipalities, impacted sectors
  - Key messaging based on Letter M E&O strategy

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# Support local awareness

- Farming community
  - Running a series of adverts in Better Farming magazine
  - Collaboration:
    - Advisers: SGBLS agricultural SPC reps
    - Communications experts: Conservation Ontario
    - Review from all Regions – since province wide
- SGBLS Website
  - Update vulnerable area mapping tool (previously for stewardship purposes)
  - Develop work plan and budget to update website in 2017-18



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## Annual reporting

- Finalize annual reporting framework: remaining policy areas
- Resolve associated information management processes:
  - Implementing bodies → local SPA → lead SPA → Province
- Draft 2016 SPA RMO annual report / presentation

## South Georgian Bay Lake Simcoe Source Protection Region

# Administration

- Finalize SPC membership update
- Hold SPC meetings (2-3)
  - Fall 2016: Annual report framework, E&O, updates, New SPC members
  - Winter 2017: 2016 Annual report, program update, review update
- Hold SPA meetings (min. 2)
  - April 2016: Annual report, program update
  - Fall 2016: SPC member endorsement
- Minor updates to the SPP and Assessment report
- Data management
- And lots more....

## South Georgian Bay Lake Simcoe Source Protection Region

### Next few years

2016

- Annual reporting framework and tool
- Building program awareness
- SPC membership refresh

2017

- Website revamp
- Draft annual report

2018

- Workplan to govern plan review
- First Annual report (May 2018)

2019

- SPP review and update (Section 36)
- Second annual report
- SPC membership expires

### On-going activities

- Implementation support
- Issues management
- SPP amendments – minor or under Section 34
- Technical support (e.g. new/change system)
- Data management
- Program management (e.g. SPC and SPA meetings)

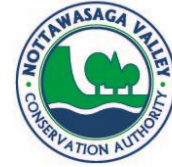


## South Georgian Bay Lake Simcoe Source Protection Region

# What does this mean from a program management point of view?

- Roles and responsibilities of Staff, SPC and SPA greatly reduced compared to the past
- Understandably the Province is looking to streamline program: “Program Review”
- Challenges associated with cyclic nature of workload e.g. ramping up staff for updates
- Need understanding between SPAs and Province in regards legislated/non-legislated activities, and associated resourcing requirements
- Joint Advisory Committee rejuvenated to help resolved challenges associated with program transition





## South Georgian Bay Lake Simcoe Source Protection Region

# Joint Advisory Committee

- MOECC, Senior CA staff, Conservation Ontario
- Playing much more prominent role in last 12-18 months to help discussions through transition period
- Current topics of discussion include:
  - Long-term program sustainability and funding support
  - Utilizing and reinvesting in the science and information in support of other provincial initiatives (Great Lakes Protection, climate change)
  - Work planning/Eligibility criteria
  - Maintaining science/watershed characterization
  - Stewardship support rationale
  - SWP program/process gaps and needs

## South Georgian Bay Lake Simcoe Source Protection Region

# MOECC Program Review

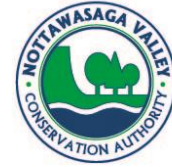
- MOECC undertaking a program review to inform the long term steady state of the Source Protection Program
- Purpose is to review and analyze key program areas and develop program design options/recommendations
- Propose ways of increasing efficiencies and effectiveness, defining core roles, ensuring long-term sustainability of the program, and facilitating local accountability
- 3 program areas under review
  - Technical Framework
  - SPP policy framework
  - Overall Source Protection Program Framework

2006  
Plan Development



2018 (and beyond)  
Steady State

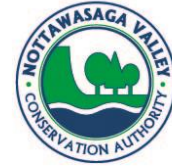




## South Georgian Bay Lake Simcoe Source Protection Region

# Technical Framework

- Includes the Technical Rules and Tables of Drinking Water Threats
- Involves both short term (Phase 1) and long term (Phase 2) changes
- Phase 1: Minor/less complex changes
  - Technical rules: Definitions, clarifications, new approaches, clarifications, new/change rules,
  - Threat Tables: New (e.g. pipelines); remove (e.g. septic for chloride), edit
  - Process:
    - Proposed changes provided to all PMs for comment: In SGBLS also sent to RMOs for input. Tight turn-around time!
    - EBR posting in May



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# Technical Framework

- Phase 2: More complex/significant
  - Technical rules: considerations such as:
    - Simplified approach to WHPAs, extending IPZ setback based on hydrology, cumulative threats effect, etc
  - Table of threats: Considerations such as:
    - New threat types, review quantities used in circumstances, chemicals of concern, NASM (add 3 types), pathogen quantity etc
  - Process:
    - Initial input from PMs & Chairs at recent meeting
    - Working groups being formed – subject matter experts, MOECC and SPA staff?
    - EBR posting in December 2016



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# Source Protection Plan Policy Framework

- Lessons learned, & inform plan amendment process
- Policy development process
  - What helped write effective policies?
  - How influential/helpful were the various consultations?
  - Should some of the policies or approaches be standardized?
- Policy tools available to address threats to drinking water
- Policy implementation challenges
- Source protection plan revisions (i.e., amendments and updates), such as to incorporate new systems and ensure plans are effective and relevant

## South Georgian Bay Lake Simcoe Source Protection Region

# Overall Source Protection Program Framework

- Overall governance structure for the program; roles and responsibilities of partners,
- Plan revision/update mechanisms (s34, 35, 36) and approval requirements,
- Future program maintenance; considering appropriate authorities.
- Focus on effectiveness, efficiency, consistency and ensuring continued local ownership.

# Questions

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