

Saugeen, Grey Sauble, Northern Bruce Peninsula Source Protection Region

Approved Terms of Reference Summary Document



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1) Background

Drinking Water Source Protection (SP) is a resource planning process that aims to keep sources of drinking water safe and usable. Following the Walkerton water tragedy from the year 2000, an inquiry was held into the circumstances behind the contamination of the municipal drinking water supply and the resultant deaths and illnesses. The Walkerton Inquiry, led by Justice Dennis O'Connor, made 121 recommendations for the improvement of drinking water delivery in Ontario. Various regulations were created or strengthened in the areas of testing, operator training, reporting, inspection and other aspects of drinking water systems. Justice O'Connor also spoke of a 'multi-barrier approach' to safe drinking water where protection of drinking water sources was the first barrier. A total of 22 recommendations from the Report of the Walkerton Inquiry related to source protection.

The Walkerton Report stressed the need for planning to fit the functioning of ecosystems and recommended watersheds as the basis for the protection and enhancement of natural systems toward safeguarding sources of drinking water. Watersheds are areas of land drained by a river or stream into a common body of water (for our purposes Lake Huron or Georgian Bay).

The *Clean Water Act, 2006*, came into effect on July 3, 2007, and requires Source Protection Plans to be developed for watersheds in Ontario. Regulations were approved on July 3, 2007, that set out requirements for the Source Protection Committee (SPC) and give timelines for the preparation of the Terms of Reference, Assessment Report and Source Protection Plans. Forty Source Protection Areas (SPA) were established in Ontario. The regulations also allowed for SPAs to be grouped together into Source Protection Regions. Locally, the Saugeen Valley SPA, Grey Sauble SPA and Northern Bruce Peninsula SPA have been established and comprise the Saugeen, Grey Sauble, Northern Bruce Peninsula Source Protection Region (SPR).

2) Program Perspectives

The Province is responsible for establishing the framework under which Drinking Water Source Protection is conducted. The Source Protection Committee does have the ability to exercise its local decision-making powers, while at the same time adhering to applicable provincial legislation, regulations, director's rules and guidance documents. Provincial input allows Drinking Water Source Protection to meet a consistent standard in the various Source Protection Regions. In general, municipally-owned drinking water systems that serve residential areas are studied under Drinking Water Source Protection. Other drinking water systems, such as certain public facilities or clusters of six or more private wells, can be included for study with the passing of a municipal resolution to that effect from the local municipal council, or by direction of the Minister of the Environment. The inclusion of additional systems allows a greater proportion of the population to benefit from Drinking Water Source Protection activities.

In the development of policies for the Source Protection Plan, the Source Protection Committee will consider the impacts and implications for both the activities that may be affected and the protection of drinking water sources. Recommendations may be made with regard to the establishment of incentive programs, cost-share programs or other financial instruments that may assist property owners in their compliance with the requirements of Source Protection Plan policies.

Public participation is an important aspect of Drinking Water Source Protection. The Source Protection Committee (SPC) meetings are open to the public, and meeting notices and minutes are posted online at www.waterprotection.ca. Presentations are made to municipal councils and stakeholder groups. As well, the public and agencies will have opportunities to comment on both draft and final versions of key documents, including: the Terms of Reference; Assessment Report; and Source Protection Plan. Displays at public events are an occasion for the public to speak to staff or SPC members directly about the program. Information sheets will be produced locally in addition to those developed province-wide. The public will be an important source of informal or historic knowledge about past activities and conditions that may form a concern for a drinking water source.

First Nations in the Source Protection Region have the opportunity to participate in the Source Protection process. Two positions on the Source Protection Committee have been kept open for First Nation representatives. Also, official notices and other correspondence are sent to the Chief of each First Nation. The traditional knowledge of the First Nations is valued. The Source Protection Committee will actively encourage First Nation participation in Drinking Water Source Protection.

The Source Protection Committee will utilize the precautionary principle in its work. In the Report of the Walkerton Inquiry, Part 2, Justice Dennis O'Connor wrote about the precautionary principle. The precautionary principle "...says that the absence of scientific certainty about a risk should not bar the taking of precautionary measures in the face of possible irreversible harm." (Part Two Report of the Walkerton Inquiry, p. 37)

3) Introduction

The purpose of this document is to provide general information on the Terms of Reference (T of R), what they include and how they were developed. It is meant to accompany the more detailed Terms of Reference document that has been developed from the Ministry of the Environment database template. Submitting these two documents in a complementary manner will ensure a general understanding of the Terms of Reference process locally, as well as fulfill the requirements of the legislation. Using the database will also ensure a standardized Terms of Reference format amongst the 19 Source Protection Regions across the Province. Details on how to complete certain tasks will be available in regulations, Director's rules, and guidance when these materials are developed.

In the Summary Document, information is given on the jurisdictions within the SPR and the function of the Source Protection Committee. Details on three key program deliverables, timelines for submission of documents and steps in the Terms of Reference process are outlined. As well, a listing of the municipal drinking water systems and overview of the tasks to be completed gives a synopsis of the scope of the work that is presented in very detailed fashion within the Terms of Reference document.

4) Implementation of Source Protection Plan Policies

The Source Protection Committee (SPC) is committed to producing the best Source Protection Plans (SPP) possible to protect the quality and quantity of drinking water sources in the Saugeen, Grey Sauble, Northern Bruce Peninsula Source Protection Region. The implementation of SPP policies will have financial implications on the agencies or individuals responsible for, or affected by, implementation; however, it is acknowledged that the policies should be sufficiently rigorous to address the significant threats and should not be diminished in any way in an attempt to make them less onerous.

The success of the implementation of SPP policies is directly linked to the availability of provincial funding through programs such as the Ontario Drinking Water Stewardship Program (ODWSP). *The SPC expects a level of financial commitment from the Province of Ontario to ensure the successful implementation of SPP policies. The SPC also expects that landowners will not be unduly affected by the implementation of these policies.*

The Source Protection Committee will provide advice to those responsible for implementation of Source Protection Plans, that the implementation of measures required by Source Protection Plan policies be contingent upon the availability of funding to support affected landowners in implementation.

The Source Protection Committee strongly recommends that money be made available locally in the stewardship fund to address implementation and affected landowners when Source Protection Plans are completed.

Following the completion of the Source Protection Plans, policies will be prioritized and implemented as sustainable long-term funding is available.

** The italicized portion of this section has been amended by the Minister of the Environment.*

5) Source Protection Region

The Saugeen, Grey Sauble, Northern Bruce Peninsula Source Protection Region is one of nineteen Source Protection Regions in the Province of Ontario. It has an area of approximately 8500 sq km and a population of just over 157,000. It includes most of Grey and Bruce Counties and smaller portions of Huron and Wellington Counties. It also contains all, or portions of, 21 lower tier municipalities (see Table 1 and Map 1). The Region is home to two First Nation

communities, the Chippewas of Nawash at Cape Croker on Georgian Bay and the Chippewas of Saugeen on the Lake Huron shoreline near Southampton. The Source Protection Region also includes the jurisdictions of the Saugeen Valley Conservation Authority and the Grey Sauble Conservation Authority.

The SPR is a partnership of three agencies: the Saugeen Valley Conservation Authority, the Grey Sauble Conservation Authority and the Municipality of Northern Bruce Peninsula. Regulations associated with the Clean Water Act established the jurisdictions of these three organizations as Source Protection Areas and gave the Conservation Authority Boards and the Municipal Council additional responsibilities as Source Protection Authorities (SPA). SPAs are to provide direction, support and resources to the SPC in all aspects of the program. They also participate in the preparation of annual work plans, budgets and reports. SPAs have the responsibility of reviewing and processing the proposed Terms of Reference, Assessment Reports and Source Protection Plans.

The **Saugeen Valley Source Protection Area** encompasses the jurisdiction of the Saugeen Valley Conservation Authority. About 90,000 people (2001 Census) live in this area, which covers approximately 4675 sq km. The major watershed is the Saugeen River, which is also the third largest watershed in Southern Ontario. The Penetangore River, Pine River and smaller lake fringe watersheds that also drain into Lake Huron are part of the Saugeen Valley SPA.

The **Grey Sauble Source Protection Area** comprises approximately 3146 sq km and corresponds with the jurisdiction of the Grey Sauble Conservation Authority. The population is about 63,000 people (2001 Census). The Sauble River, with the largest catchment area in the Grey Sauble SPA, drains into Lake Huron. Four large watersheds drain into Georgian Bay, namely the Beaver, Bighead, Sydenham and Pottawatomi Rivers. In addition, there are numerous other creeks and long stretches of lake fringe that drain directly into Georgian Bay or Lake Huron. The Niagara Escarpment is a dominant feature in many parts of the Grey Sauble SPA.

The **Northern Bruce Peninsula Source Protection Area** encompasses the Municipality of Northern Bruce Peninsula, with an area of 761 sq km and a population of 4,048 residents (2001 Census). The Niagara Escarpment winds close to the Georgian Bay shoreline, while the middle parts of the municipality are relatively flat and the Lake Huron shoreline has many shallow bays. The Municipality of Northern Bruce Peninsula was created in 1999 by an amalgamation of the Village of Lion's Head, Township of St. Edmunds, Township of Lindsay and Township of Eastnor. The islands and waters off the northern tip of the Bruce Peninsula are part of Fathom Five National Marine Park. Extensive portions of Northern Bruce Peninsula near Tobermory (in the former St. Edmunds Township) are designated Bruce Peninsula National Park. The two parks were established in 1987.

Table 1: Municipalities of the Saugeen, Grey Sauble, Northern Bruce Peninsula Source Protection Region

		Bruce County	Grey County	Huron County	Wellington County	Saugeen Valley SPA	Grey Sauble SPA	N. Bruce Peninsula SPA
Township	Arran Elderslie	◆				◆	◆	
Municipality	Brockton	◆				◆		
Township	Huron-Kinloss	◆				◆		
Municipality	Kincardine	◆				◆		
Municipality	Northern Bruce Peninsula	◆						◆
Town	Saugeen Shores	◆				◆		
Municipality	South Bruce	◆				◆		
Town	South Bruce Peninsula	◆					◆	
Town of the	Blue Mountains		◆				◆	
Township	Chatsworth		◆			◆	◆	
Township	Georgian Bluffs		◆				◆	
Municipality	Grey Highlands		◆			◆	◆	
Town	Hanover		◆			◆		
Municipality	Meaford		◆				◆	
City	Owen Sound		◆				◆	
Township	Southgate		◆			◆		
Municipality	West Grey		◆			◆		
Township	Howick			◆		◆		
Municipality	Morris Turnberry			◆		◆		
Town	Minto				◆	◆		
Township	Wellington North				◆	◆		



MAP 1: Source Protection Areas in the Source Protection Region

6) Source Protection Committee (SPC)

In this Region, the Drinking Water Source Protection program is guided by a 16-person Source Protection Committee made up of a chairman, who lives in the region and was appointed by the Minister of the Environment, and 15 local individuals representing various sectors. Committee members represent municipalities, agriculture, business, health, environment and the general public.

The SPC is responsible for guiding the development of major technical and planning documents related to the program. These documents will contain policies designed to protect our sources of drinking water by addressing significant threats to those sources.

Shortly after the formation of the Source Protection Committee, members participated in a strategic planning session to develop a mission statement and guiding principles.

Mission Statement

Providing leadership to engage the entire community in developing comprehensive, responsible solutions to protect our water resources.

Guiding Principles

We value:

- Comprehensive science-based research
- Recognizing and engaging all members of the community as valued stakeholders
- Informed decision-making through communication, education, and responsiveness to community enquiries
- Being open and transparent
- Sustainable and long-term decision-making

7) Program Deliverables

The SPC is responsible for guiding the creation of three Drinking Water Source Protection Program documents. These are: the Terms of Reference, the Assessment Report and the Source Protection Plan. These three documents will be developed for each of the three Source Protection Areas that make up the Saugeen, Grey Sauble, Northern Bruce Peninsula Source Protection Region.

The **Terms of Reference** document is essentially a work plan that identifies what specific work items or tasks must be completed to develop an Assessment Report and a Source Protection Plan (SPP) for each Source Protection Area (Map 1). The Terms of Reference also describes municipal drinking water systems within the Source Protection Areas (Tables 2-4). It will also stipulate what agencies will be responsible for the various tasks, the date by which each task will be completed, and the estimated cost of each task. Note: The Ministry of the Environment has

not released regulations for the Source Protection Plans. As a result, the Terms of Reference documents may require amendments once these regulations are released.

The **Assessment Report** is a comprehensive document that will describe the watershed, identify vulnerable areas where a drinking water source may be at risk of contamination, and assess threats to drinking water within the vulnerable areas. It will also provide information on water quantity and the risks associated with it. Much of the background work necessary to develop an assessment report has been completed or is underway.

The **Source Protection Plan** will provide policies to address significant risks to the quality and quantity of drinking water sources within the region.

8) Timelines

The Source Protection Committee is required to submit the proposed **Terms of Reference** to the appropriate Source Protection Authority by August 20, 2008. The SPA must review and comment on the document, and submit it to the Minister of the Environment by October 20, 2008.

The **Assessment Report** is to be forwarded to the Director 1 year after the approval of the Terms of Reference which is estimated to be around June 2010.

The **Source Protection Plan** must be forwarded to the Minister before the 5th anniversary of the appointment of the SPC Chair which is August 20, 2012.

A chart showing the timelines for the Drinking Water Source Protection program is shown in Appendix A.

9) Terms of Reference Process

The development of the Terms of Reference, as required by O. Reg. 287/07 of the *Clean Water Act, 2006*, is a complex process involving municipalities, First Nations, the public, other SPCs and, of course, our three Source Protection Authorities. There are six major steps involved.

Step 1: Notice of Commencement

The legislation requires that notification be sent to all municipalities and First Nation communities within the Region advising them that the process of developing the T of R is about to commence and inviting them to be part of this process. These notices were sent out on January 9, 2008.

Step 2: Developing Draft Proposed Terms of Reference

Staff developed various drafts of the T of R for presentation to the SPC. Municipal councils were approached and advised concerning opportunities for them to be involved in the preparation of the Assessment Report and the Source Protection Plan. The Terms of Reference will indicate

the involvement of the municipalities within the region. The SPC was asked to approve the final Draft Proposed T of R at the May 2008 meeting.

Step 3: Consulting of Draft Proposed Terms of Reference

Once the draft proposed T of R were completed and approved by the SPC, they were published on the internet as well as being made available at various locations across the Region. They were also circulated to municipalities, First Nations, other SPCs, etc. A notice was published advising the public of the legislatively required 35-day commenting period. Three public meetings, one in each of the three Source Protection Authorities, were also held.

Step 4: Finalizing Proposed Terms of Reference

The SPC will review all comments received concerning the draft proposed T of R. From this review the Proposed T of R will be prepared and the SPC will be asked to approve them at their meeting of July 25, 2008.

Step 5: Consulting on Proposed Terms of Reference

Once approved by the SPC, the Proposed T of R will be forwarded to the three SPAs, the Chiefs of the First Nations bands, and all the municipalities within the Region. They are required to be published on the internet but can also be made available to the public in such a manner as the SPC feels is appropriate. This must be done by August 20, 2008. The public is again invited to comment and is given 30 days to do so. These comments are to be directed to the Source Protection Authorities.

Step 6: Submitting Proposed Terms of Reference

The Source Protection Authorities will review and summarize all the comments on the proposed T of R from the various sources. The SPA will then submit the proposed Terms of Reference with comments to the Minister. The deadline for this submission is October 20, 2008.

10) Municipal Drinking Water Systems

Table 2: Municipal Drinking Water Systems (DWS) in the Saugeen Valley Source Protection Area.

Saugeen Valley Source Protection Area			
Drinking Water System Name (DWS Number)	Owner	Operating Authority	Type of Source Water (surface, ground, both)
Armow Well Supply (DWS# 220008792)	Municipality of Kincardine	The Corporation of the Municipality of Kincardine	Groundwater
Chepstow Powers Subdivision Well Supply (DWS# 220008765)	Municipality of Brockton	Veolia Water Canada	Groundwater
Chesley Well Supply (DWS# 220002725)	Municipality of Arran-Elderslie	Municipality of Arran-Elderslie	Groundwater
Clifford Well Supply (DWS# 220000031)	The Corporation of the Town of Minto	The Corporation of the Town of Minto	Groundwater

Saugeen Valley Source Protection Area			
Drinking Water System Name (DWS Number)	Owner	Operating Authority	Type of Source Water (surface, ground, both)
Durham Well Supply (DWS# 220001771)	Municipality of West Grey	American Water Services Canada Corp	Surface and Groundwater
Hanover Water Treatment Plant (DWS# 220000167)	Town of Hanover	The Corporation of the Town of Hanover	Surface and Groundwater
Kincardine Water Treatment Plant (DWS# 220002716)	Municipality of Kincardine	The Corporation of the Municipality of Kincardine	Surface Water
Lake Rosalind Well Supply (DWS# 220007800)	Municipality of Brockton	Veolia Water Canada	Groundwater
Lakeshore Area Water Works (DWS# 220000425)	Township of Huron-Kinloss	Veolia Water Canada	Groundwater
Markdale Well Supply (DWS# 220001744)	Municipality of Grey Highlands	Municipality of Grey Highlands	Surface and Groundwater
Mildmay Well Supply (DWS# 220002654)	Municipality of South Bruce	The Corporation of the Municipality of South Bruce	Groundwater
Minto Pines Subdivision Well Supply (DWS# 260007088)	The Corporation of the Town of Minto	The Corporation of the Town of Minto	Groundwater
Mount Forest Well Supply (DWS# 220000068)	Township of Wellington North	The Corporation of the Township of Wellington North	Groundwater
Neustadt Well Supply (DWS# 220002147)	Municipality of West Grey	American Water Services Canada Corp	Surface and Groundwater
Scotts Point Well Supply (DWS# 220007043)	Municipality of Kincardine	The Corporation of the Municipality of Kincardine	Groundwater
Southampton Water Treatment Plant (DWS# 220000078)	Town of Saugeen Shores	Ontario Clean Water Agency	Surface Water
Teeswater Well Supply (DWS# 220002618)	Municipality of South Bruce	The Corporation of the Municipality of South Bruce	Groundwater
Tiverton Well Supply (DWS# 220002609)	Municipality of Kincardine	The Corporation of the Municipality of Kincardine	Groundwater
Underwood Well Supply (DWS# 220007052)	Municipality of Kincardine	The Corporation of the Municipality of Kincardine	Groundwater
Ripley Well Supply (DWS# 220002636)	Township of Huron-Kinloss	Veolia Water Canada	Groundwater
Walkerton Well Supply (DWS# 220002690)	Municipality of Brockton	Veolia Water Canada	Groundwater

Table 3: Municipal Drinking Water Systems in the Grey Sauble Source Protection Area.

Grey Sauble Source Protection Area			
Drinking Water System Name (DWS Number)	Owner	Operating Authority	Type of Source Water (surface, ground, both)
Amabel-Sauble School Well Supply	Town of South Bruce Peninsula	Ontario Clean Water Agency	Groundwater
Chatsworth Well Supply (DWS# 220003011)	Township of Chatsworth	Township of Chatsworth	Surface and Groundwater
East Linton Water Treatment Plant (DWS# 220007659)	Township of Georgian Bluffs	Veolia Water Canada	Surface Water
Foreman Well Supply (DWS# 220007711)	Town of South Bruce Peninsula	Ontario Clean Water Agency	Surface and Groundwater
Huron Woods Well Supply (DWS# 220007775)	Town of South Bruce Peninsula	Ontario Clean Water Agency	Surface and Groundwater
Kimberley - Amik - Talisman Well Supply (DWS# 220007070)	Municipality of Grey Highlands	Municipality of Grey Highlands	Surface and Groundwater
Meaford PUC Water Treatment Plant (DWS# 220000176)	Municipality of Meaford	Municipality of Meaford	Surface Water
Oliphant Water Works (DWS# 220007695)	Town of South Bruce Peninsula	Ontario Clean Water Agency	Surface and Groundwater
Pottawatomie Village Well Supply (DWS# 220008319)	Township of Georgian Bluffs	Veolia Water Canada	Surface and Groundwater
Presquile Water Treatment Plant (DWS# 220007597)	Township of Georgian Bluffs	Veolia Water Canada	Surface Water
Owen Sound (R.H. Neath) Water Treatment Plant (DWS# 220001799)	City of Owen Sound	City of Owen Sound	Surface Water
Shallow Lake Water System (DWS# 220009096)	Township of Georgian Bluffs	Veolia Water Canada	Surface and Groundwater
Tara Well Supply (DWS# 220002627)	Municipality of Arran-Elderslie	Municipality of Arran-Elderslie	Groundwater
Thornbury Water Treatment Plant (DWS# 220001762)	Town of the Blue Mountains	Town of the Blue Mountains	Surface Water
Walters Falls Municipal Water Supply (DWS# 220007034)	Township of Chatsworth	Township of Chatsworth	Groundwater

Grey Sauble Source Protection Area			
Drinking Water System Name (DWS Number)	Owner	Operating Authority	Type of Source Water (surface, ground, both)
Wiarion Water Treatment Plant (DWS# 220002681)	Town of South Bruce Peninsula	Ontario Clean Water Agency	Surface Water
Winburk Subdivision Well Supply (DWS# 220007917)	Town of South Bruce Peninsula	Ontario Clean Water Agency	Surface and Groundwater

Table 4: Municipal Drinking Water Systems within the Northern Bruce Peninsula SPA.

Northern Bruce Peninsula Source Protection Area			
Drinking Water System Name (DWS Number)	Owner	Operating Authority	Type of Source Water (surface, ground, both)
Community Centre/Fire Hall/Municipal Concession Stand	Municipality of Northern Bruce Peninsula	Oweson Water Services	Groundwater
Lion's Head Water Treatment Plant (DWS# 220002672)	Municipality of Northern Bruce Peninsula	Ontario Clean Water Agency	Surface Water

11) Matters That Affect Other Source Protection Committees

Table 5: SAUGEEN VALLEY SOURCE PROTECTION AREA - List of Matters that Affect Other Source Protection Committees

Saugeen Valley Source Protection Area		
Source Protection Committee Affected	Source Protection Area	Description of Matter
Ausable Bayfield Maitland Source Protection Committee	Maitland Valley Source Protection Area	Shared Municipalities -The Saugeen Valley SPA and the Maitland Valley SPA share the following municipalities: Township of Huron-Kinloss, Municipality of South Bruce, Municipality of Morris-Turnberry, Township of Howick, Town of Minto, Township of Wellington North. A coordinated and consistent approach to the development of WHPA and IPZ should be established. A coordinated and consistent approach to the development of Highly Vulnerable Aquifers and Significant Recharge Areas should be established. DWSP policies developed by each SPC should be compatible within shared municipalities.
Ausable Bayfield Maitland Source Protection Committee	Maitland Valley Source Protection Area	Great Lakes Matters -Consideration of matters related to the use of Great Lakes waters may be required under Section 14 of the Clean Water Act. If so required, coordination and cooperation with adjacent Source Protection Committees on Lake Huron/Georgian Bay should take place to adequately address these matters.
Lake Erie Source Protection Committee	Grand River Source Protection Area	Shared Municipalities -The Saugeen Valley SPA and the Grand River SPA share the following municipalities: Township of Wellington North, Township of Southgate. A coordinated and consistent approach to the development of WHPA and IPZ should be established. A coordinated and consistent approach to the development of Highly Vulnerable Aquifers and Significant Recharge Areas should be established. DWSP policies developed by each SPC should be compatible within shared municipalities.
South Georgian Bay-Lake Simcoe Source Protection Committee	Nottawasaga Valley Source Protection Area	Shared Municipalities -The Saugeen Valley SPA and the Nottawasaga Valley SPA share the Municipality of Grey Highlands. A coordinated and consistent approach to the development of WHPA and IPZ should be established. A coordinated and consistent approach to the development of Highly Vulnerable Aquifers and Significant Recharge Areas should be established. DWSP policies developed by each SPC should be compatible within this shared municipality.
South Georgian Bay-Lake Simcoe Source Protection Committee	Nottawasaga Valley Source Protection Area	Great Lakes Matters -Consideration of matters related to the use of Great Lakes waters may be required under Section 14 of the <i>Clean Water Act</i> . If so required, coordination and cooperation with adjacent Source Protection Committees on Lake Huron/Georgian Bay should take place to adequately address these matters.

Table 6: GREY SAUBLE SOURCE PROTECTION AREA - List of Matters that Affect Other Source Protection Committees

Grey Sauble Source Protection Area		
Source Protection Committee Affected	Source Protection Area	Description of Matter
South Georgian Bay-Lake Simcoe Source Protection Committee	Nottawasaga Valley Source Protection Area	Shared Municipalities -The Grey Sauble SPA and the Nottawasaga Valley SPA share the following municipalities: Municipality of Grey Highlands, Town of the Blue Mountains. A coordinated and consistent approach to the development of WHPA and IPZ should be established. A coordinated and consistent approach to the development of Highly Vulnerable Aquifers and Significant Recharge Areas should be established. DWSP policies developed by each SPC should be compatible within these shared municipalities.
South Georgian Bay-Lake Simcoe Source Protection Committee	Nottawasaga Valley Source Protection Area	Great Lakes Matters -Consideration of matters related to the use of Great Lakes waters may be required under Section 14 of the <i>Clean Water Act</i> . If so required, coordination and cooperation with adjacent Source Protection Committees on Lake Huron/Georgian Bay should take place to adequately address these matters.

12) Overview of Tasks

A number of tasks (Appendix B) listed in the Terms of Reference are general in nature and apply to the entire Source Protection Region. Other tasks are specific to individual municipally owned and operated drinking water systems. The upper tier municipalities within the Source Protection Region do not operate municipal drinking water systems. The lower tier municipalities within the Region own and operate a variety of drinking water systems. Generally speaking, those urban areas along the shorelines of Lake Huron and Georgian Bay rely on the Great Lakes as their source of drinking water, while the inland urban communities rely on groundwater sources.

Appendix B

A detailed list of tasks to complete the Assessment Report and the Source Protection Plan

A. Source Protection Area General Tasks for the Assessment Report

1. Coordinating and supporting projects for the assessment report

Undertaking administrative support, staffing, management support, and training necessary to provide project coordination for the assessment report components and direct support to the source protection committee.

2. Undertaking communications initiatives for the assessment report

Local area engagement, outreach and creation of communications products that support the assessment report process.

3. Information management for the assessment report preparation

Conducting overall data management, data sharing agreements, standards, mapping, software and maintenance.

4. Undertaking a watershed characterization

Identifying and describing watersheds in the source protection area. May include water quality analysis and peer review for water quality analysis. Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance document when they are developed.

5. Conducting a conceptual water budget

Describing the overall flow system dynamics for each watershed in the source protection area taking into consideration surface water and groundwater features, land cover (e.g. proportion of urban vs. rural uses), human-made structures (e.g. dams, channel diversions, water crossings), and water takings. Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance document when they are developed.

6. Conducting a tier 1 water budget analysis and stress assessment

Conducting a tier 1 water budget analysis, stress assessment, and delineation of significant groundwater recharge areas. May also include the identification of water quantity concerns and an analysis of uncertainty. Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance document when they are developed.

7. Conducting a tier 2 water budget analysis and stress assessment

If determined necessary from a tier 1 water budget analysis and stress assessment, conducting a tier 2 water budget analysis and stress assessment, and refining the delineation of significant groundwater recharge areas. May also include the identification of water quantity concerns and an analysis of uncertainty. Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance when they are developed.

8. Conducting a tier 3 water budget analysis and stress assessment

If determined necessary from a tier 2 water budget analysis and stress assessment, conducting a tier 3 water budget analysis and water quantity risk assessment. May include identifying significant, moderate and low water quantity threats. May also include consultation with property owners/residents/stakeholders impacted by a significant drinking water threat scoring and an analysis of uncertainty. Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance document when they are developed.

9. Delineating and applying vulnerability scores to Highly Vulnerable Aquifers (HVAs)

Delineating the location and extent of highly vulnerable aquifers in the source protection area and applying vulnerability scores. An uncertainty analysis may be included in this task. Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance document when they are developed.

10. Identifying issues, inventorying threats and assessing hazards in Highly Vulnerable Aquifers

Listing and describing drinking water quality issues, inventorying threats and assessing hazards (including uncertainty analysis) in the highly vulnerable aquifers. Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance document when they are developed.

11. Assessing risks in Highly Vulnerable Aquifers

Identifying any significant, moderate, low, and negligible drinking water threats, undertaking an issues evaluation, and analyzing uncertainty in highly vulnerable aquifers. Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance document when they are developed.

12. Applying vulnerability scores to significant groundwater recharge areas (SGRAs)

Applying vulnerability scores to significant groundwater recharge areas in the source protection area (delineated in the water budget process). Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance document when they are developed.

13. Identifying issues, inventorying threats and assessing hazards in significant groundwater recharge areas

Listing and describing drinking water quality issues, inventorying threats and assessing hazards (including uncertainty analysis) in the significant groundwater recharge areas. Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance document when they are developed.

14. Assessing risk in significant groundwater recharge areas

Identifying any significant, moderate, low, and negligible drinking water threats, undertaking an issues evaluation, and analysing uncertainty in significant groundwater recharge areas. Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance document when they are developed.

15. Consultation on the overall proposed assessment report

Meeting the legislative and regulatory requirements on the consultation and submission process of the proposed assessment report. Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance document when they are developed.

B. Source Protection Area Tasks for the Source Protection Plan

1. Coordinating and supporting projects for the source protection plan

Undertaking administrative support, staffing, management support, and training necessary to provide project coordination for the source protection plan components and direct support to the source protection committee.

2. Undertaking communications initiatives for the source protection plan

Local area engagement, outreach and creation of communications products that support the source protection plan process.

3. Information management for source protection plan preparation

Conducting overall data management, data sharing agreements, standards, mapping, software and maintenance.

4. Policy development to address drinking water threats (where required and/or permissible in Act/Regulations)

Policy development to address drinking water threats (where required and/or permissible in the Act and source protection plan regulation). Detailed requirements and guidance will be provided in the Source Protection Plan regulation and guidance document when they are developed. Recommendations for cost-share programs, incentive programs or other financial instruments that may assist property owners in their compliance with the requirements of Source Protection Plan policies.

5. Policy development for monitoring (where required, advisable and/or permissible in Act & Regulations)

Policy development for monitoring activities (where required, advisable and/or permissible in the Act and source protection plan regulation), including determining who is responsible for implementing these policies. Detailed requirements and guidance will be provided in the Source Protection Plan regulation and guidance document when they are developed.

6. Policy development for Great Lakes elements (where required/permissible in Act & Regulations)

Policy development for Great Lakes associated elements (where directed by the Minister and required or permissible in the Act and source protection plan regulation), including monitoring policies to assist in implementing and determining the effectiveness of achieving Great Lake target(s) policies, determining who is responsible for implementing those policies, and determining the need to identify any of these policies as "designated Great Lakes policies". Detailed requirements and guidance will be provided in the Source Protection Plan regulation and guidance document when they are developed.

7. Establishing timelines for policy implementation

Establishing timelines for policy implementation after all policies for the Source Protection Plan are developed, giving consideration to the policies developed, key players affected, capacity for implementation, the assessed risks, and natural, social, and economic considerations, including local community interests/needs. Detailed requirements and guidance will be provided in the Source Protection Plan regulation and guidance document when they are developed.

8. Consultation on the overall proposed source protection plan

Consultation and submission process of the overall proposed source protection plan. Details on how to conduct the consultations on the overall proposed source protection plan will be provided in the Source Protection Plan regulation and guidance document when they are developed.

C. Tasks for Municipal Drinking Water Systems (or those added by Minster of Environment, Municipality, First Nations, etc.)

i. Assessment Report Tasks for Municipal Drinking Water Systems

1. Conducting a tier 3 water budget analysis and water quantity risk assessment

If determined necessary from a tier 2 water budget analysis and stress assessment, conducting a tier 3 water budget analysis and water quantity risk assessment. May include identifying significant, moderate and low water quantity threats. May also include consultation with property owners/residents/stakeholders impacted by a significant drinking water threat scoring and an analysis of uncertainty. Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance document when they are developed.

2. Delineating and applying vulnerability scores to wellhead protection areas (WHPAs) or intake protection zones (IPZs)

Delineating the location and extent of the vulnerable area around a drinking water system (wellhead protection areas for drinking water systems using groundwater or intake protection zones for drinking water systems withdrawing from surface water) in the source protection area and applying a vulnerability score. Uncertainty analysis and peer review may be required. In addition, consultation with property owners/residents/stakeholders affected by the delineation and scoring for these two vulnerable areas may be required. Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance document when they are developed.

3. Identifying issues, inventorying threats and assessing hazards in wellhead protection areas (WHPAs) or intake protection zones (IPZs)

Listing and describing drinking water quality issues, inventorying threats and assessing hazards (including uncertainty analysis) in wellhead protection areas and/or intake protection zones. Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance document when they are developed.

4. Assess risk in wellhead protection areas (WHPAs) or intake protection zones (IPZs)

Identifying any significant, moderate, low, and negligible drinking water threats, undertaking an issues evaluation, and analysing uncertainty in wellhead protection areas or intake protection zones. Consultation may be required with stakeholders impacted by significant drinking water threats scoring. Consultation with adjacent source protection areas or regions may also be required for shared Great Lakes drinking water issues. Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance document when they are developed.

ii. Source Protection Plan Tasks for Municipal Drinking Water Systems

1. Policy development to address drinking water threats (where required and/or permissible in Act/Regulations)

Policy development to address drinking water threats (where required and/or permissible in the Act and source protection plan regulation). Detailed requirements and guidance will be provided in the Source Protection Plan regulation and guidance document when they are developed. Recommendations for cost-share programs, incentive programs or other financial instruments that may assist property owners in their compliance with the requirements of Source Protection Plan policies.

2. Policy development for monitoring (where required, advisable and/or permissible in Act & Regulations)

Policy development for monitoring activities (where required, advisable and/or permissible in the Act and source protection plan regulation), including determining who is responsible for implementing these policies. Detailed requirements and guidance will be provided in the Source Protection Plan regulation and guidance document when they are developed.

3. Policy development for Great Lakes elements (where required/permissible in Act & Regulations)

Policy development for Great Lakes associated elements (where directed by the Minister and required or permissible in the Act and source protection plan regulation), including monitoring policies to assist in implementing and determining the effectiveness of achieving Great Lake target(s) policies, determining who is responsible for implementing those policies, and determining the need to identify any of these policies as "designated Great Lakes policies". Detailed requirements and guidance will be provided in the Source Protection Plan regulation and guidance document when they are developed.

4. Establishing timelines for policy implementation

Establishing timelines for policy implementation after all policies for the SPP are developed, giving consideration to the policies developed, key players affected, capacity for implementation, the assessed risks, and natural, social, and economic considerations, including local community interests/needs. Detailed requirements and guidance will be provided in the Source Protection Plan regulation and guidance document when they are developed.

Summary of Terms of Reference Tasks, Costs, and Timelines

ASSESSMENT REPORT TASKS					
Task	Description	Lead	Cost Estimate	Timeline	
Project Management and Coordination Source Protection Committee	Undertaking administrative support, staffing, management support, and training necessary to provide project coordination for the assessment report components and direct support to the source protection committee.	SV-GS-NBP SPAs	SV \$1,206,186 GS \$826,828 NBP \$201,079	1/1/2005	11/1/2009
Communications	Local area engagement, outreach and creation of communications products that support the assessment report process.	SV-GS-NBP SPAs	SV \$72,764 GS \$49,857 NBP \$12,128	1/1/2005	11/1/2009
Information management	Conducting overall data management, data sharing agreements, standards, mapping, software and maintenance.	SV-GS-NBP SPAs	SV \$120,268 GS \$82,406 NBP \$20,044	1/1/2005	11/1/2009
Watershed characterization	Identifying and describing watersheds in the source protection area. May include water quality analysis and peer review for water quality analysis.	SV-GS-NBP SPAs	SV \$15,371 GS \$10,529 NBP \$2,561	1/1/2005	4/30/2008
	Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance when they are developed.				
Water Budget					
Conceptual water budget	Describing the overall flow system dynamics for each watershed in the source protection area taking into consideration surface water and groundwater features, land cover (e.g. proportion of urban vs. rural uses), human-made structures (e.g. dams, channel diversions, water crossings), and water takings.	SV-GS-NBP SPAs	SV \$117,876 GS \$80,766 NBP \$19,645	1/1/2005	1/31/2008
	Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance when they are developed.				
Tier 1 water budget analysis and stress assessment	Conducting a tier 1 water budget analysis, stress assessment, and delineation of significant groundwater recharge areas.	SV-GS-NBP SPAs	SV \$114,571 GS \$78,502 NBP \$19,094	12/1/2007	8/30/2008
	May also include the identification of water quantity concerns and an analysis of uncertainty.				
	Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance when they are developed.				
Tier 2 water budget analysis and stress assessment	If determined necessary from a tier 1 water budget analysis and stress assessment, conducting a tier 2 water budget analysis and stress assessment, and refining the delineation of significant groundwater recharge areas.	SV-GS-NBP SPAs	SV \$27,000 GS \$18,500 NBP \$4,500	4/1/2009	9/1/2009
	May also include the identification of water quantity concerns and an analysis of uncertainty.				
	Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance when they are developed.				

ASSESSMENT REPORT TASKS					
Task	Description	Lead	Cost Estimate	Timeline	
Tier 3 water budget analysis and water quantity risk assessment	If determined necessary from a tier 2 water budget analysis and stress assessment	SV-GS-NBP SPAs	TBD	TBD	TBD
	May include identifying significant				
	May also include consultation with property owners/residents/stakeholders impacted by a significant drinking water threat scoring and an analysis of uncertainty.				
	Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance when they are developed.				
Regional Groundwater Vulnerability					
Delineate Highly Vulnerable Aquifers (HVA)	Delineating the location and extent of highly vulnerable aquifers in the source protection area and applying vulnerability scores.	SV-GS-NBP SPAs	SV \$9,990 GS \$6,845 NBP \$1,665	7/1/2008	12/1/2008
	An uncertainty analysis may be included in this task.				
	Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance when they are developed.				
Identifying issues, inventorying threats and assessing hazards in HVAs	Listing and describing drinking water quality issues	SV-GS-NBP SPAs	Included in HVA on above line	12/1/2008	4/1/2009
	Details on how to complete this task will be available in the Assessment Report regulation				
Assessing risks in HVAs	Identifying any significant moderate, low, and negligible drinking water threats, undertaking an issues evaluation, and analyzing uncertainty in highly vulnerable aquifers.	SV-GS-NBP SPAs	Included in HVA on above line	4/1/2009	10/1/2009
	Details on how to complete this task will be available in the Assessment Report regulation Director's rules and guidance when they are developed.				
Delineate Significant Groundwater Recharge Areas (SGRA)	Applying vulnerability scores to significant groundwater recharge areas in the source protection area (delineated in the water budget process).	SV-GS-NBP SPAs	SV \$6,750 GS \$4,625 NBP \$1,125	7/1/2008	12/1/2008
	Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance when they are developed.				
Identifying issues, inventorying threats and assessing hazards in SGRAs	Listing and describing drinking water quality issues inventorying threats and assessing hazards (including uncertainty analysis) in the significant groundwater recharge areas.	SV-GS-NBP SPAs	Included in SGRA on above line	12/1/2008	4/1/2009
	Details on how to complete this task will be available in the Assessment Report regulation				
Assessing risk in SGRAs	Identifying any significant, moderate, low, and negligible drinking water threats, undertaking an issues evaluation, and analyzing uncertainty in significant groundwater recharge areas.	SV-GS-NBP SPAs	Included in SGRA on above line	4/1/2009	10/31/2009
	Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance when they are developed.				

Municipal Residential Drinking Water Systems on Groundwater					
Delineate Wellhead Protection Areas (WHPA) or Intake Protection Zones (IPZs)	Delineating the location and extent of the vulnerable area around a drinking water system in the source protection area and applying a vulnerability score.	SV-GS-NBP SPAs	SV \$467,158 GS \$624,138 NBP \$79,801	3/1/2006	08/31/2009
	Uncertainty analysis and peer review may be required. In addition, consultation with property owners/residents/stakeholders affected by the delineation and scoring for these vulnerable areas may be required.				
	Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance when they are developed.				
Identifying issues, inventorying threats and assessing hazards in WHPAs or Intake Protection Zones (IPZs)	Listing and describing drinking water quality issues inventorying threats and assessing hazards (including uncertainty analysis) in wellhead protection areas.	SV-GS-NBP SPAs	SV \$597,898 GS \$518,322 NBP \$44,475	3/1/2006	10/31/2009
	Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance when they are developed.				

Task	Description	Lead	Cost Estimate	Timeline	
Assess risk in WHPAs or Intake Protection Zones (IPZs)	Identifying any significant, moderate, low, and negligible drinking water threats, undertaking an issues evaluation, and analyzing uncertainty in wellhead protection areas. Tier 2 risk assessments will be conducted for all significant risks identified in Tier 1.	SV-GS-NBP SPAs	SV \$127,672 GS \$145,298 NBP \$16,424	3/1/2007	12/31/2009
	Consultation may be required with stakeholders impacted by significant drinking water threats scoring.				
	Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance when they are developed.				
Consultation on the overall proposed assessment report	Meeting the legislative and regulatory requirements on the consultation and submission process of the proposed assessment report.	SV-GS-NBP SPAs	Included elsewhere	1/1/2009	9/1/2009
	Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance when they are developed.				
Other tasks	Water quality analyses, location of karst formations and surface water flow analyses.	SV-GS-NBP SPAs	SV \$13,200 GS \$9,065 NBP \$2,205	06/1/2008	03/31/2009

First Nation Drinking Water Systems					
Delineating and applying vulnerability scores to WHPAs or IPZs	Coordinate discussions with First Nations Bands to determine the need to delineate the location and extent of the vulnerable area around a drinking water system (wellhead protection areas for drinking water systems using groundwater or intake protection zones for drinking water systems withdrawing from surface water) in the source protection area and applying a vulnerability score.	TBD	TBD	TBD	TBD
	Uncertainty analysis and peer review may be required.				
	Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance when they are developed.				
	A Band Council resolution is required prior to undertaking the work.				

Task	Description	Lead	Cost Estimate	Timeline	
Identifying issues, inventorying threats and assessing hazards in WHPAs or IPZs	Coordinate discussions with First Nations Bands to determine the need to list and describe drinking water quality issues, inventorying threats and assessing hazards (including uncertainty analysis) in wellhead protection areas and/or intake protection zones.	TBD	TBD	TBD	TBD
	Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance when they are developed.	TBD	TBD	TBD	TBD
Assess risk in WHPAs or IPZs	Coordinate discussions with First Nations Bands to determine the need to identify any significant, moderate, low, and negligible drinking water threats, undertaking an issues evaluation, and analyzing uncertainty in wellhead protection areas or intake protection zones.	TBD	TBD	TBD	TBD
	Discussions with adjacent source protection areas or regions may also be required for shared Great Lakes drinking water issues.	TBD	TBD	TBD	TBD
	Details on how to complete this task will be available in the Assessment Report regulation, Director's rules, and guidance when they are developed.	TBD	TBD	TBD	TBD
Non-Municipal Drinking Water Systems	Under the <i>Clean Water Act</i> municipal councils may include non-municipal drinking water systems in the source protection plans by resolution.	SV-GS-NBP SPAs	TBD	TBD	TBD
	To date, local municipalities have been requested to identify any systems that they may be considering to include.				
	The Ministry of the Environment is currently preparing a guidance document on the implications for including these systems (i.e. cost, liability etc.).				
	It is anticipated that most municipalities will wait until the provincial guidance is available before making a decision. The Source Protection Committee and Source Protection staff will work with municipalities to assess potential non-municipal systems in accordance with the provincial guidance. The terms of reference can be amended to include these systems at a later date.				
Exempted Systems	Any municipal residential drinking water systems that may be partially or wholly taken off-line within the next 5 years are not to be included in the source protection plan.	TBD	TBD	TBD	TBD
	Municipalities have been requested to identify any of these systems and to forward the council resolution to the SPR staff.				

SOURCE PROTECTION PLAN TASKS					
Task	Description	Lead	Cost Estimate	Timeline	
Project Management and Coordination Source Protection Committee	Undertaking administrative support, staffing, management support, and training necessary to provide project coordination for the source protection plan components and direct support to the source protection committee.	SV-GS-NBP SPAs	SV \$600,387 GS \$409,821 NBP \$100,543	11/1/2009	8/20/2012
Communications	Local area engagement, outreach and creation of communications products that support the source protection plan process.	SV-GS-NBP SPAs	SV \$53,820 GS \$36,877 NBP \$8,970	11/1/2009	8/20/2012
Information Management	Conducting overall data management, data sharing agreements, standards, mapping, software and maintenance.	SV-GS-NBP SPAs	SV \$17,595 GS \$12,055 NBP \$2,932	11/1/2009	8/20/2012
Establish evaluation criteria for selecting policies	Establishing evaluation criteria to assist with objectively deciding how policies will be considered in a transparent manner.	SPC	TBD	TBD	TBD
	Criteria may consider elements such as the natural, social, and economic environments, including health, cost-benefit considerations, and conformance with existing official plans.				
Administrative priority setting of work required to complete SPP based on risk assessments in AR	Administrative priority setting and strategic planning for the management of the work required to complete the source protection plan based on results of risk assessments documented in the assessment report.	SPC	TBD	TBD	TBD
	It is anticipated that the number of significant threats, the distribution and location of the threats, etc., may guide the committee in how they will specifically create the plan (e.g. which threats in which vulnerable area will be addressed first), who will be the key players in the plan development, and how they wish to prioritize the work required.				
	Detailed requirements and guidance will be provided in the Source Protection Plan regulation and guidance document when they are developed.				
Policy development to address drinking water threats (where required and/or permissible in Act/Regs)	Policy development to address drinking water threats (where required and/or permissible in the Act and source protection plan regulation).	SPC	TBD	TBD	TBD
	Detailed requirements and guidance will be provided in the Source Protection Plan regulation and guidance document when they are developed.				
	Recommendations for cost-share programs, incentive programs or other financial instruments that may assist property owners in their compliance with the requirements of Source Protection Plan policies.				
Policy development to address funding requirements for implementation of source protection plans.	Funding programs for implementing land use policies on private land will be identified and included in the source protection plans.	SPC	TBD	TBD	TBD

SOURCE PROTECTION PLAN TASKS					
Task	Description	Lead	Cost Estimate	Timeline	
Policy development for monitoring (where required, advisable and/or permissible in Act & Regs)	Policy development for monitoring activities (where required, advisable and/or permissible in the Act and source protection plan regulation), including determining who is responsible for implementing these policies.	SPC	TBD	TBD	TBD
	Detailed requirements and guidance will be provided in the Source Protection Plan regulation and guidance document when they are developed.				
Policy development for Great Lakes elements (where required/permissible in Act & Regs)	Policy development for Great Lakes associated elements (where directed by the Minister and required or permissible in the Act and source protection plan regulation), including monitoring policies to assist in implementing and determining the effectiveness of achieving Great Lake target(s) policies, determining who is responsible for implementing those policies, and determining the need to identify any of these policies as "designated Great Lakes policies".	SPC	TBD	TBD	TBD
	Detailed requirements and guidance will be provided in the Source Protection Plan regulation and guidance document when they are developed.				
Establishing timelines for policy implementation	Establishing timelines for policy implementation after all policies for the SPP are developed, giving consideration to the policies developed, key players affected, capacity for implementation, the assessed risks, and natural, social, and economic considerations, including local community interests/needs.	SPC	TBD	TBD	TBD
	Detailed requirements and guidance will be provided in the Source Protection Plan regulation and guidance document when they are developed.				
Consultation on the overall proposed source protection plan	Consultation and submission process of the overall proposed source protection plan.	SPC	TBD	TBD	TBD
	Details on how to conduct the consultations on the overall proposed source protection plan will be provided in the Source Protection Plan regulation and guidance document when they are developed.				
Other Source Protection Plan Preparation Tasks	Additional tasks are to be discussed with the Source Protection Committee.	SPC	TBD	TBD	TBD

Appendix C

Members of the Saugeen, Grey Sauble, Northern Bruce Peninsula Source Protection Committee

Chair	Mike Traynor	(appointed Aug. 2007 by Minister of the Environment)
Municipal (5)	Brad McRoberts	Group 1 – Northern Bruce Peninsula, South Bruce Peninsula, Georgian Bluffs
	Mitch Twolan	Group 2 – Saugeen Shores, Kincardine, Huron-Kinloss
	Les Nichols	Group 3 – Arran-Elderslie, Brockton, South Bruce, Howick, Morris- Turnberry
	Howard Greig	Group 4 – Chatsworth, West Grey, Hanover, Southgate, Wellington North, Minto
	Bill Twaddle	Group 5 – Owen Sound, Meaford, The Blue Mountains, Grey Highlands
Agricultural (3)	Dr. David Biesenthal	Farmer – Brockton
	Robert Emerson	Farmer – Huron-Kinloss
	Brent Lanktree	Farmer – The Blue Mountains
Industrial (1)	Sandy Gott	Water bottling company – Grey Highlands
Commercial (1)	Mark Kraemer	Business owner – Saugeen Shores
Other Interests (5)	Dale Thompson	Environment (Northern Bruce Peninsula resident)
	Les MacKinnon	Environment (Grey Highlands resident)
	Lou D’Alessandro	Health (Owen Sound resident)
	Bruce Davidson	Public (Brockton resident)
	Carolyn Day	Public (Saugeen Shores resident)

Appendix D

Staff Members of the Saugeen, Grey Sauble, Northern Bruce Peninsula Source Protection Region

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www.waterprotection.ca Extensive information about Source Protection can be found on our website, including meeting dates, links, documents and Committee work.

The office is located in the lower level of the Grey Sauble Conservation administration centre on Inglis Falls Road, Owen Sound.

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