Approved Terms of Reference for Saugeen Valley Source Protection Area

Saugeen, Grey Sauble, and Northern Bruce Peninsula
Source Protection Committee

Approved by the Minister of the Environment

August 17, 2009

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Introduction

The Approved Terms of Reference document has been developed from the Ministry of the Environment database template. Maps are provided showing the Source Protection Area (SPA) as well as the Source Protection Region. Lists of the municipalities within the SPA and the drinking water systems to be studied are presented. Detailed workplans outline the tasks to be completed in the preparation of the Assessment Report and the Source Protection Plan. Estimated costs related to each task and drinking water system are also provided.

The Source Protection Committee will exercise its local decision-making powers, while at the same time adhering to applicable legislation, regulations, Director's rules, and guidance currently in effect or as these materials are developed. 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.

The Source Protection Committee 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.

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

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.

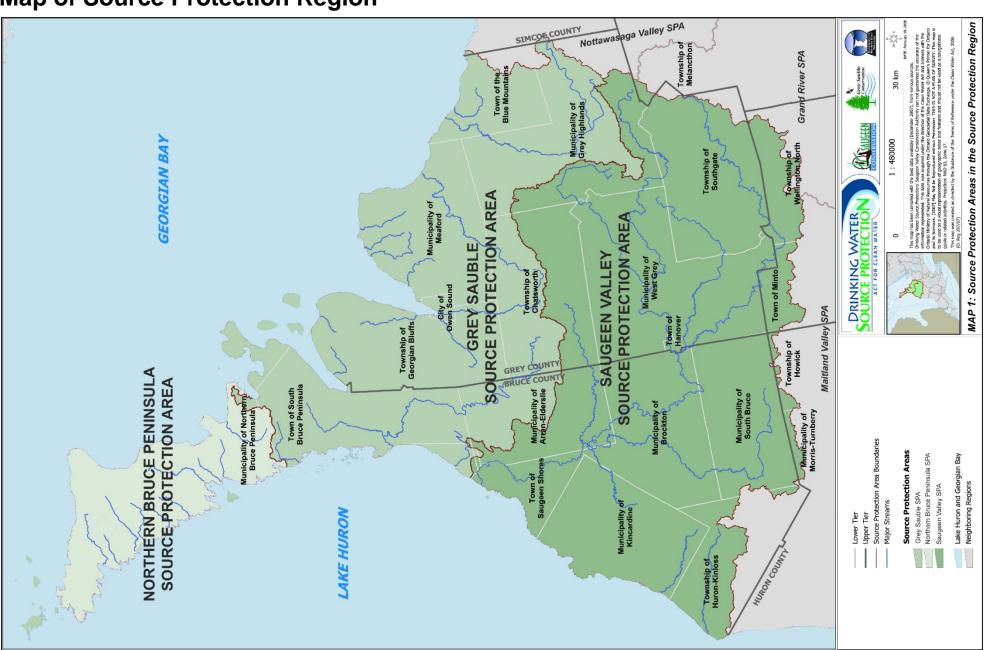
Following the completion of the Source Protection Plans, policies will be prioritized and implemented as sustainable long-term funding is available.

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

Map of Source Protection Area



Map of Source Protection Region



List of Municipalities Located in the Saugeen Valley Source Protection Area

Legal Name of Municipality
ARRAN-ELDERSLIE, Municipality of
BROCKTON, Municipality of
CHATSWORTH, Township of
BRUCE, County of
GREY, County of
GREY HIGHLANDS, Municipality of
HANOVER, Town of
HOWICK, Township of
HURON, County of
HURON-KINLOSS, Township of
KINCARDINE, The Municipality of
MINTO, Town of
MORRIS-TURNBERRY, Municipality of
SAUGEEN SHORES, Town of
SOUTH BRUCE, Municipality of
SOUTHGATE, Township of
WELLINGTON, County of
WELLINGTON NORTH, The Township of
WEST GREY, Municipality of

List of Municipal Residential Drinking Water System(s)

Type of System (existing or planned)	Drinking Water System Number	Drinking Water System Name	Owner	Operating Authority	Type of Source Water (surface, ground, both)
Existing	220008792	Armow Well Supply	Municipality of Kincardine	The Corporation of the Municipality of Kincardine	Groundwater
Existing	220008765	Chepstow Powers Subdivision Well Supply	Municipality of Brockton	Veolia Water Canada	Groundwater
Existing	220002725	Chesley Well System	Municipality of Arran-Elderslie	Municipality of Arran-Elderslie	Groundwater
Existing	220000031	Clifford Well Supply	Minto, The Corporation of the Town of	Minto, The Corporation of the Town of	Groundwater
Existing	220001771	Durham Well Supply	Municipality of West Grey	American Water Services Canada Corp	Surface and Groundwater
Existing	210000167	Hanover WTP	Town of Hanover	The Corporation of the Town of Hanover	Surface and Groundwater
Existing	220002716	Kincardine WTP	Municipality of Kincardine	The Corporation of the Municipality of Kincardine	Surface Water
Existing	220007800	Lake Rosalind Well Supply	Municipality of Brockton	Veolia Water Canada	Groundwater
Existing	220000425	Lakeshore Area Water Works	Township of Huron-Kinloss	Veolia Water Canada	Groundwater
Existing	220001744	Markdale Well Supply	Municipality of Grey Highlands	Municipality of Grey Highlands	Surface and Groundwater
Existing	220002654	Mildmay Well Supply	Municipality of South Bruce	The Corporation of the Municipality of South Bruce	Groundwater
Existing	260007088	Minto Pines Subdivision Well Supply	Minto, The Corporation of the Town of	Minto, The Corporation of the Town of	Groundwater
Existing	220000068	Mount Forest Well Supply	Township of Wellington North	The Corporation of the Township of Wellington North	Groundwater
Existing	210002147	Neustadt Well Supply	Municipality of West Grey	American Water Services Canada Corp	Surface and Groundwater

Type of System (existing or planned)	Drinking Water System Number	Drinking Water System Name	Owner	Operating Authority	Type of Source Water (surface, ground, both)
Existing	220007043	Scotts Point Well Supply	Municipality of Kincardine	The Corporation of the Municipality of Kincardine	Groundwater
Existing	220000078	Southampton WTP	Town of Saugeen Shores	Ontario Clean Water Agency	Surface Water
Existing	220002618	Teeswater Well Supply	Municipality of South Bruce	The Corporation of the Municipality of South Bruce	Groundwater
Existing	220002609	Tiverton Well Supply	Municipality of Kincardine	The Corporation of the Municipality of Kincardine	Groundwater
Existing	220007052	Underwood Well Supply	Municipality of Kincardine	The Corporation of the Municipality of Kincardine	Groundwater
Existing	220002636	Village of Ripley Well Supply	Township of Huron-Kinloss	Veolia Water Canada	Groundwater
Existing	220002690	Walkerton Well Supply	Municipality of Brockton	Veolia Water Canada	Groundwater

List of Drinking Water System(s) Included by Municipal Council Resolution

(Not Municipal Residential Drinking Water Systems)

Type of System (existing or planned)	Drinking Water System Number	Drinking Water System Name	Owner	Operating Authority	Type of Source Water (surface, ground, both)	Title of Council Resolution
NONE AT THIS TIME						

List of Drinking Water Systems Serving Reserve(s)

(Not Municipal Residential Drinking Water Systems)

Type of System (existing or planned)	Drinking Water System Number	Drinking Water System Name	Owner	Operating Authority	Type of Source Water (surface, ground, both)	Regulation Reference
NONE AT THIS TIME						

List of Fully or Partially Exempted Municipal Residential Drinking Water System(s)

Type of System (existing or planned)	Drinking Water System Number	Drinking Water System Name	Owner	Operating Authority	Type of Source Water (surface, ground, both)	Title of Council Resolution
Existing	220002707	Port Elgin WTP	The Corporation of the Town of Saugeen Shores	N/A	Surface Water	By-Law 61-2003

List of Drinking Water System(s) Included by Minister of the Environment (Not Municipal Residential Drinking Water Systems)

Type of System (existing or planned)	Drinking Water System Number	Drinking Water System Name	Owner	Operating Authority	Type of Source Water (surface, ground, both)
NONE AT THIS TIME					

List of Matter(s) that Affect Other Source Protection Committees

Source Protection Committees 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 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.

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The Work Plan to Complete the Assessment Report

By Source Protection Area/ Drinking Water System Name	Task	Assigned Lead(s)	Estimated Completion Date	Estimated Cost
Saugeen Valley Source Protection Area	Coordinating and supporting projects for the assessment report	SV, GS, NBP SPAs	2009-Nov-01	\$1,206,186
Saugeen Valley Source Protection Area	Undertaking communications initiatives for the assessment report	SV, GS, NBP SPAs	2009-Nov-01	\$72,764
Saugeen Valley Source Protection Area	Information management for the assessment report preparation	SV, GS, NBP SPAs	2009-Nov-01	\$120,268
Saugeen Valley Source Protection Area	Undertaking a watershed characterization	SV, GS, NBP SPAs	2009-Nov-01	\$15,371
Saugeen Valley Source Protection Area	Conducting a conceptual water budget	SV, GS, NBP SPAs	2008-Jan-31	\$117,876
Saugeen Valley Source Protection Area	Conducting a tier 1 water budget analysis and stress assessment	SV, GS, NBP SPAs	2008-Aug-30	\$114,571
Saugeen Valley Source Protection Area	Conducting a tier 2 water budget analysis and stress assessment	SV, GS, NBP SPAs	2009-Sep-01	\$27,000
Saugeen Valley Source Protection Area	Conducting a tier 3 water budget analysis and water quantity risk assessment	SV, GS, NBP SPAs	2009-Nov-01	To be determined
Saugeen Valley Source Protection Area	Delineating and applying vulnerability scores to HVAs	SV, GS, NBP SPAs	2008-Dec-01	\$9,990
Saugeen Valley Source Protection Area	Identifying issues, inventorying threats and assessing hazards in HVAs	SV, GS, NBP SPAs	2009-Apr-01	- included in HVA on line above
Saugeen Valley Source Protection Area	Assessing risks in HVAs	SV, GS, NBP SPAs	2009-Oct-01	- included in HVA on line above

By Source Protection Area/ Drinking Water System Name	Task	Assigned Lead(s)	Estimated Completion Date	Estimated Cost
Saugeen Valley Source Protection Area	Applying vulnerability scores to SGRAs	SV, GS, NBP SPAs	2008-Dec-01	\$6,750
Saugeen Valley Source Protection Area	Identifying issues, inventorying threats and assessing hazards in SGRAs	SV, GS, NBP SPAs	2009-Apr-01	- included in SGRA on line above
Saugeen Valley Source Protection Area	Assessing risk in SGRAs	SV, GS, NBP SPAs	2009-Oct-31	- included in SGRA on line above
Saugeen Valley Source Protection Area	Delineating and applying vulnerability scores to WHPAs or IPZs	SV, GS, NBP SPAs	2009-Aug-31	\$467,158
Saugeen Valley Source Protection Area	Identifying issues, inventorying threats and assessing hazards in WHPAs or IPZs	SV, GS, NBP SPAs	2009-Oct-31	\$597,898
Saugeen Valley Source Protection Area	Assess risk in WHPAs or IPZs	SV, GS, NBP SPAs	2009-Dec-31	\$127,726
Saugeen Valley Source Protection Area	Consultation on the overall proposed assessment report	SV, GS, NBP SPAs	2009-Sep-01	Included elsewhere
Saugeen Valley Source Protection Area	Water quality analyses, location of karst formations and surface water flow analyses.	SV, GS, NBP SPAs	2009-Mar-31	\$13,200
Municipal Residential I	Drinking Water Systems	.l.		
Lake Rosalind Well Supply	Delineating and applying vulnerability scores to WHPAs or IPZs	SV, GS, NBP SPAs	2008-Aug-01	\$12,229
Walkerton Well Supply	Delineating and applying vulnerability scores to WHPAs or IPZs	SV, GS, NBP SPAs	2008-Aug-01	\$12,229
Village of Ripley Well Supply	Delineating and applying vulnerability scores to WHPAs or IPZs	SV, GS, NBP SPAs	2008-Aug-01	\$12,229
Underwood Well Supply	Delineating and applying vulnerability scores to WHPAs or IPZs	SV, GS, NBP SPAs	2008-Aug-01	\$12,229
Tiverton Well Supply	Delineating and applying vulnerability scores to WHPAs or IPZs	SV, GS, NBP SPAs	2008-Aug-01	\$12,229

By Source Protection Area/ Drinking Water System Name	Task	Assigned Lead(s)	Estimated Completion Date	Estimated Cost
Teeswater Well Supply	Delineating and applying vulnerability scores to WHPAs or IPZs	SV, GS, NBP SPAs	2008-Aug-01	\$12,229
Scotts Point Well Supply	Delineating and applying vulnerability scores to WHPAs or IPZs	SV, GS, NBP SPAs	2008-Aug-01	\$12,229
Armow Well Supply	Delineating and applying vulnerability scores to WHPAs or IPZs	SV, GS, NBP SPAs	2008-Dec-01	\$12,229
Neustadt Well Supply	Delineating and applying vulnerability scores to WHPAs or IPZs	SV, GS, NBP SPAs	2008-Aug-01	\$13,000
Clifford Well Supply	Delineating and applying vulnerability scores to WHPAs or IPZs	SV, GS, NBP SPAs	2008-Aug-01	\$12,229
Markdale Well Supply	Delineating and applying vulnerability scores to WHPAs or IPZs	SV, GS, NBP SPAs	2008-Aug-01	\$12,229
Mildmay Well Supply	Delineating and applying vulnerability scores to WHPAs or IPZs	SV, GS, NBP SPAs	2008-Aug-01	\$12,229
Hanover WTP	Delineating and applying vulnerability scores to WHPAs or IPZs	SV, GS, NBP SPAs	2008-Aug-01	\$88,823
Durham Well Supply	Delineating and applying vulnerability scores to WHPAs or IPZs	SV, GS, NBP SPAs	2008-Aug-01	\$11,000
Chepstow Powers Subdivision Well Supply	Delineating and applying vulnerability scores to WHPAs or IPZs	SV, GS, NBP SPAs	2008-Aug-01	\$12,229
Chesley Well System	Delineating and applying vulnerability scores to WHPAs or IPZs	Municipality of Arran-Elderslie	2008-Aug-01	\$18,500
Southampton WTP	Delineating and applying vulnerability scores to WHPAs or IPZs	SV, GS, NBP SPAs	2008-Aug-01	\$76,200
Kincardine WTP	Delineating and applying vulnerability scores to WHPAs or IPZs	SV, GS, NBP SPAs	2008-Aug-01	\$76,200
Mount Forest Well Supply	Delineating and applying vulnerability scores to WHPAs or IPZs	SV, GS, NBP SPAs	2008-Aug-01	\$12,229
Lakeshore Area Water Works	Delineating and applying vulnerability scores to WHPAs or IPZs	SV, GS, NBP SPAs	2008-Aug-01	\$12,229
Minto Pines Subdivision Well Supply	Delineating and applying vulnerability scores to WHPAs or IPZs	SV, GS, NBP SPAs	2009-Aug-31	\$12,229
Walkerton Well Supply	Identifying issues, inventorying threats and assessing hazards in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Oct-01	\$27,573
Village of Ripley Well Supply	Identifying issues, inventorying threats and assessing hazards in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Oct-01	\$27,573
Underwood Well Supply	Identifying issues, inventorying threats and assessing hazards in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Oct-01	\$27,573
Tiverton Well Supply	Identifying issues, inventorying threats and assessing hazards in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Oct-01	\$27,573

By Source Protection Area/ Drinking Water System Name	Task	Assigned Lead(s)	Estimated Completion Date	Estimated Cost
Teeswater Well Supply	Identifying issues, inventorying threats and assessing hazards in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Oct-01	\$27,573
Scotts Point Well Supply	Identifying issues, inventorying threats and assessing hazards in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Oct-01	\$27,573
Armow Well Supply	Identifying issues, inventorying threats and assessing hazards in WHPAs or IPZs	SV, GS, NBP SPAs	2009-Aug-01	\$27,573
Neustadt Well Supply	Identifying issues, inventorying threats and assessing hazards in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Oct-01	\$6,400
Mount Forest Well Supply	Identifying issues, inventorying threats and assessing hazards in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Oct-01	\$27,573
Mildmay Well Supply	Identifying issues, inventorying threats and assessing hazards in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Oct-01	\$27,573
Clifford Well Supply	Identifying issues, inventorying threats and assessing hazards in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Oct-01	\$27,573
Kincardine WTP	Identifying issues, inventorying threats and assessing hazards in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Oct-01	\$36,580
Southampton WTP	Identifying issues, inventorying threats and assessing hazards in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Oct-01	\$36,580
Chesley Well System	Identifying issues, inventorying threats and assessing hazards in WHPAs or IPZs	Municipality of Arran-Elderslie	2008-Oct-01	\$18,000
Chepstow Powers Subdivision Well Supply	Identifying issues, inventorying threats and assessing hazards in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Oct-01	\$27,573
Hanover WTP	Identifying issues, inventorying threats and assessing hazards in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Oct-01	\$19,743
Lake Rosalind Well Supply	Identifying issues, inventorying threats and assessing hazards in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Oct-01	\$27,573
Lakeshore Area Water Works	Identifying issues, inventorying threats and assessing hazards in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Oct-01	\$27,573
Markdale Well Supply	Identifying issues, inventorying threats and assessing hazards in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Oct-01	\$27,573
Durham Well Supply	Identifying issues, inventorying threats and assessing hazards in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Oct-01	\$67,000

By Source Protection Area/ Drinking Water System Name	Task	Assigned Lead(s)	Estimated Completion Date	Estimated Cost
Minto Pines Subdivision Well Supply	Identifying issues, inventorying threats and assessing hazards in WHPAs or IPZs	SV, GS, NBP SPAs	2009-Oct-31	\$27,573
Southampton WTP	Assess risk in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Dec-01	\$11,800
Lakeshore Area Water Works	Assess risk in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Dec-01	\$4,544
Lake Rosalind Well Supply	Assess risk in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Dec-01	\$4,544
Hanover WTP	Assess risk in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Dec-01	\$16,478
Durham Well Supply	Assess risk in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Dec-01	\$4,544
Chepstow Powers Subdivision Well Supply	Assess risk in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Dec-01	\$4,544
Chesley Well System	Assess risk in WHPAs or IPZs	Municipality of Arran-Elderslie	2008-Dec-01	\$10,400
Markdale Well Supply	Assess risk in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Dec-01	\$4,544
Underwood Well Supply	Assess risk in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Dec-01	\$4,544
Kincardine WTP	Assess risk in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Dec-01	\$11,800
Mildmay Well Supply	Assess risk in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Dec-01	\$4,544
Mount Forest Well Supply	Assess risk in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Dec-01	\$4,544
Neustadt Well Supply	Assess risk in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Dec-01	\$4,544
Armow Well Supply	Assess risk in WHPAs or IPZs	SV, GS, NBP SPAs	2009-Aug-01	\$4,544
Scotts Point Well Supply	Assess risk in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Dec-01	\$4,544
Clifford Well Supply	Assess risk in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Dec-01	\$4,544
Tiverton Well Supply	Assess risk in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Dec-01	\$4,544
Village of Ripley Well Supply	Assess risk in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Dec-01	\$4,544
Walkerton Well Supply	Assess risk in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Dec-01	\$4,544
Teeswater Well Supply	Assess risk in WHPAs or IPZs	SV, GS, NBP SPAs	2008-Dec-01	\$4,544

By Source Protection Area/ Drinking Water System Name	Task		Assigned Lead(s)	Estimated Completion Date	Estimated Cost
Minto Pines Subdivision Well Supply	Assess risk in WHPAs and IPZs		SV, GS, NBP SPAs	2009-Dec-31	\$4,544
Drinking Water System	s By Municipal Resolution				
None at this time					
Drinking Water System	s By Band Resolution				
None at this time					
Fully or Partially Exem	pt Drinking Water Systems				
Port Elgin WTP		The Corporation of the the T	own of Saugeen Shores	To be decommissioned	
Drinking Water System	s Included By Minister	1		- 1	
None at this time					

The Work Plan to Complete the Source Protection Plan

By Source Protection Area/ Drinking Water System Name	Drinking Water		Estimated Completion Date	Estimated Cost
Saugeen Valley Source Protection Area	Coordinating and supporting projects for the source protection plan (SPP)	SV, GS, NBP SPAs	2012-Aug-20	\$600,387
Saugeen Valley Source Protection Area	Undertaking communications initiatives for the source protection plan	SV, GS, NBP SPAs	2012-Aug-20	\$53,820
Saugeen Valley Source Protection Area	Information management for source protection plan preparation	SV, GS, NBP SPAs	2012-Aug-20	\$17,595
Saugeen Valley Source Protection Area	Policy development to address drinking water threats (where required and/or permissible in Act/Regs)	SPC	2012-Aug-20	To be determined
Saugeen Valley Source Protection Area	Policy development for monitoring (where required, advisable and/or permissible in Act & Regs)	SPC	2012-Aug-20	To be determined
Saugeen Valley Source Protection Area	Policy development for Great Lakes elements (where required/permissible in Act & Regs)	SPC	2012-Aug-20	To be determined
Saugeen Valley Source Protection Area	Establishing timelines for policy implementation	SPC	2012-Aug-20	To be determined
Saugeen Valley Source Protection Area	Consultation on the overall proposed source protection plan	SPC	2012-Aug-20	To be determined
Municipal Residential [Drinking Water Systems		<u> </u>	•
Durham Well Supply	ham Well Supply Policy development to address drinking water threats (where required and/or permissible in Act/Regs)		2012-Aug-20	To be determined
Kincardine WTP	Policy development to address drinking water threats (where required and/or permissible in Act/Regs)	SPC	2012-Aug-20	To be determined
Southampton WTP	Policy development to address drinking water threats (where required and/or permissible in Act/Regs)	SPC	2012-Aug-20	To be determined

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By Source Protection Area/ Drinking Water System Name	Task	Assigned Lead(s)	Estimated Completion Date	Estimated Cost
Tiverton Well Supply	Policy development for monitoring (where required, advisable and/or permissible in Act & Regs)	SPC	2012-Aug-20	To be determined
Underwood Well Supply	Policy development for monitoring (where required, advisable and/or permissible in Act & Regs)	SPC	2012-Aug-20	To be determined
Village of Ripley Well Supply	Policy development for monitoring (where required, advisable and/or permissible in Act & Regs)	SPC	2012-Aug-20	To be determined
Walkerton Well Supply	Policy development for monitoring (where required, advisable and/or permissible in Act & Regs)	SPC	2012-Aug-20	To be determined
Clifford Well Supply	Policy development for monitoring (where required, advisable and/or permissible in Act & Regs)	SPC	2012-Aug-20	To be determined
Mildmay Well Supply	Policy development for monitoring (where required, advisable and/or permissible in Act & Regs)	SPC	2012-Aug-20	To be determined
Minto Pines Subdivision Well Supply	Policy development for monitoring (where required, advisable and/or permissible in Act/Regs)	SPC	2012-Aug-20	To be determined
Southampton WTP	Policy development for Great Lakes elements (where required/permissible in Act & Regs)	SPC	2012-Aug-20	To be determined
Kincardine WTP	Policy development for Great Lakes elements (where required/permissible in Act & Regs)	SPC	2012-Aug-20	To be determined
Markdale Well Supply	Establishing timelines for policy implementation	SPC	2012-Aug-20	To be determined
Southampton WTP	Establishing timelines for policy implementation	SPC	2012-Aug-20	To be determined
Kincardine WTP	Establishing timelines for policy implementation	SPC	2012-Aug-20	To be determined
Walkerton Well Supply	Establishing timelines for policy implementation	SPC	2012-Aug-20	To be determined
Chesley Well System	Establishing timelines for policy implementation	SPC	2012-Aug-20	To be determined
Chepstow Powers Subdivision Well Supply	Establishing timelines for policy implementation	SPC	2012-Aug-20	To be determined
Durham Well Supply	Establishing timelines for policy implementation	SPC	2012-Aug-20	To be determined
Hanover WTP	Establishing timelines for policy implementation	SPC	2012-Aug-20	To be determined

By Source Protection Area/ Drinking Water System Name	g Water		Estimated Completion Date	Estimated Cost	
Lake Rosalind Well Supply	Establishing timelines for policy implementation	SPC	2012-Aug-20	To be determined	
Lakeshore Area Water Works	Establishing timelines for policy implementation	SPC	2012-Aug-20	To be determined	
Mildmay Well Supply	Establishing timelines for policy implementation	SPC	2012-Aug-20	To be determined	
Mount Forest Well Supply	Establishing timelines for policy implementation	SPC	2012-Aug-20	To be determined	
Neustadt Well Supply	Establishing timelines for policy implementation	SPC	2012-Aug-20	To be determined	
Armow Well Supply	Establishing timelines for policy implementation	SPC	2012-Aug-20	To be determined	
Scotts Point Well Supply	Establishing timelines for policy implementation	SPC	2012-Aug-20	To be determined	
Teeswater Well Supply	Establishing timelines for policy implementation	SPC	2012-Aug-20	To be determined	
Tiverton Well Supply	Establishing timelines for policy implementation	SPC	2012-Aug-20	To be determined	
Village of Ripley Well Supply	Establishing timelines for policy implementation	SPC	2012-Aug-20	To be determined	
Clifford Well Supply	Establishing timelines for policy implementation	SPC	2012-Aug-20	To be determined	
Underwood Well Supply	Establishing timelines for policy implementation	SPC	2012-Aug-20	To be determined	
Minto Pines Subdivision Well Supply	Establishing timelines for policy implementation	SPC	2012-Aug-20	To be determined	
Drinking Water System	s By Municipal Resolution				
None at this time					
Drinking Water System	s By Band Resolution				
None at this time					

By Source Protection Area/ Drinking Water System Name	Task		Assigned Lead(s)		Estimated Completion Date	Estimated Cost
Fully or Partially Exem	pt Drinking Water Systems					
Port Elgin WTP		The Corporation of the the Town of Saugeen Shores		To be decommissioned		
Drinking Water System	s Included By Minister					
None at this time						

The Date the Source Protection Plan is to be Submitted to the Minister for Approval by the Saugeen Valley Source Protection Authority:

2012-Aug-20

Council Resolution(s) to Include Drinking Water System(s)

None at this time

Council Resolution(s) to Exempt Municipal Residential Drinking Water System(s)

Saugeen Shores: Resolution No. 208-2008

THE CORPORATION OF THE

TOWN OF SAUGEEN SHORES

MOVED BY: Laylo (fully RESOLUTION NO: 208-2008
SECONDED BY: Latter Let do DATE: August 11th, 2008

That Council of the Town of Saugeen Shores recommends that:

WHEREAS the Town of Saugeen Shores is upgrading its water treatment and distribution system and as part of these upgrades the Town's water supply will be from the Southampton Water Treatment Facility;

AND WHEREAS the Port Elgin Water Treatment facility will be decommissioned once the new water intake in Southampton is operational;

NOW THREFORE in accordance with Section 5.1 of Ontario Regulation 286/07 of the Clean Water Act, 2002, as amended, the Town of Saugeen Shores intends to within five years of passing this resolution to:

- i) discontinue the use of the Port Elgin Water Treatment facility, and
- to make application under the Safe Drinking Water Act, 2002 for the revocation of any approval, drinking water license or permit that is applicable to the Port Elgin Water Treatment facility.

CARRIED MAYOR

DEFEATED MAYOR

Detailed Information

Detailed Information on Municipal Residential Drinking Water System(s)

Drinking Water System Type (planned or existing)	Drinking Water System Number	Drinking Water System Name	Owner	Operating Authority	Source Water Type (surface, ground, both)	Number of Wells
Existing	220002725	Chesley Well System	Municipality of Arran- Elderslie	Municipality of Arran- Elderslie	Groundwater	3
Number of Surface Water Intakes	Comments					
0	The Municipality of	Arran-Elderslie is undertaking their own	Drinking Water Source Protect	ion Program		

Drinking Water System Type (planned or existing)	Drinking Water System Number	Drinking Water System Name	Owner	Operating Authority	Source Water Type (surface, ground, both)	Number of Wells
Existing	220008765	Chepstow Powers Subdivision Well Supply	Municipality of Brockton	Veolia Water Canada	Groundwater	1
Number of Surface Water Intakes	Comments					
0	1 bedrock well					

Drinking Water System Type (planned or existing)	Drinking Water System Number	Drinking Water System Name	Owner	Operating Authority	Source Water Type (surface, ground, both)	Number of Wells	
Existing	220007800	Lake Rosalind Well Supply	Municipality of Brockton	Veolia Water Canada	Groundwater	2	
Number of Surface Water Intakes	Comments					•	
0	-Well #1 is a shallov	/ell #1 is a shallow dug well; GUDI					
	-Well #3 is a overbu	ırden well; GUDI					

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Drinking Water System Type (planned or existing)	Drinking Water System Number	Drinking Water System Name	Owner	Operating Authority	Source Water Type (surface, ground, both)	Number of Wells	
Existing	220002690	Walkerton Well Supply	Municipality of Brockton	Veolia Water Canada	Groundwater	2	
Number of Surface Water Intakes	Comments		•				
0	Well #7-bedrock we	ll #7-bedrock well; non-GUDI					
	Well #9-bedrock we	II; non-GUDI					

Approved Terms of Reference

Drinking Water System Type (planned or existing)	Drinking Water System Number	Drinking Water System Name	Owner	Operating Authority	Source Water Type (surface, ground, both)	Number of Wells
Existing	220001744	Markdale Well Supply	Municipality of Grey Highlands	Municipality of Grey Highlands	Surface and Groundwater	3
Number of Surface Water Intakes	Comments					
0	Wells 3 and 4 confi	rmed GUDI				
	Well 1 non GUDI					

Drinking Water System Type (planned or existing)	Drinking Water System Number	Drinking Water System Name	Owner	Operating Authority	Source Water Type (surface, ground, both)	Number of Wells
Existing	210000167	Hanover WTP	Town of Hanover	The Corporation of the Town of Hanover	Surface and Groundwater	2
Number of Surface Water Intakes	Comments					
1	Town of Hanover ut	ilizes surface water from Ruhl Lake and	two groundwater wells (conf	irmed GUDI)		

Drinking Water System Type (planned or existing)	Drinking Water System Number	Drinking Water System Name	Owner	Operating Authority	Source Water Type (surface, ground, both)	Number of Wells
Existing	220002636	Village of Ripley Well Supply	Township of Huron- Kinloss	Veolia Water Canada	Groundwater	2
Number of Surface Water Intakes	Comments					
0	Non-GUDI					

Approved Terms of Reference

Drinking Water System Type (planned or existing)	Drinking Water System Number	Drinking Water System Name	Owner	Operating Authority	Source Water Type (surface, ground, both)	Number of Wells
Existing	220000425	Lakeshore Area Water Works	Township of Huron- Kinloss	Veolia Water Canada	Groundwater	6
Number of Surface Water Intakes	Comments					
0	Non-GUDI					

Drinking Water System Type (planned or existing)	Drinking Water System Number	Drinking Water System Name	Owner	Operating Authority	Source Water Type (surface, ground, both)	Number of Wells
Existing	220002609	Tiverton Well Supply	Municipality of Kincardine	The Corporation of the Municipality of Kincardine	Groundwater	3
Number of Surface Water Intakes	Comments					
0	Non-GUDI					

Drinking Water System Type (planned or existing)	Drinking Water System Number	Drinking Water System Name	Owner	Operating Authority	Source Water Type (surface, ground, both)	Number of Wells
Existing	220008792	Armow Well Supply	Municipality of Kincardine	The Corporation of the Municipality of Kincardine	Groundwater	1
Number of Surface Water Intakes	Comments					
0	Non-GUDI					

August 17, 2009

Drinking Water System Type (planned or existing)	Drinking Water System Number	Drinking Water System Name	Owner	Operating Authority	Source Water Type (surface, ground, both)	Number of Wells
Existing	220007043	Scotts Point Well Supply	Municipality of Kincardine	The Corporation of the Municipality of Kincardine	Groundwater	1
Number of Surface Water Intakes	Comments					
0	Non-GUDI					

Drinking Water System Type (planned or existing)	Drinking Water System Number	Drinking Water System Name	Owner	Operating Authority	Source Water Type (surface, ground, both)	Number of Wells
Existing	220007052	Underwood Well Supply	Municipality of Kincardine	The Corporation of the Municipality of Kincardine	Groundwater	1
Number of Surface Water Intakes	Comments					
0	Non-GUDI					

Drinking Water System Type (planned or existing)	Drinking Water System Number	Drinking Water System Name	Owner	Operating Authority	Source Water Type (surface, ground, both)	Number of Wells
Existing	220002716	Kincardine WTP	Municipality of Kincardine	The Corporation of the Municipality of Kincardine	Surface Water	0
Number of Surface Water Intakes	Comments					
1	1 intake - Lake Hurd	on				

Drinking Water System Type (planned or existing)	Drinking Water System Number	Drinking Water System Name	Owner	Operating Authority	Source Water Type (surface, ground, both)	Number of Wells
Existing	220002654	Mildmay Well Supply	Municipality of South Bruce	The Corporation of the Municipality of South Bruce	Groundwater	2
Number of Surface Water Intakes	Comments					•
0	Non-GUDI					
	1 duty well, 1 stand-	-by well				

Approved Terms of Reference

Drinking Water System Type (planned or existing)	Drinking Water System Number	Drinking Water System Name	Owner	Operating Authority	Source Water Type (surface, ground, both)	Number of Wells
Existing	220002618	Teeswater Well Supply	Municipality of South Bruce	The Corporation of the Municipality of South Bruce	Groundwater	1
Number of Surface Water Intakes	Comments				•	
0	Non-GUDI					

Drinking Water System Type (planned or existing)	Drinking Water System Number	Drinking Water System Name	Owner	Operating Authority	Source Water Type (surface, ground, both)	Number of Wells
Existing	220000078	Southampton WTP	Town of Saugeen Shores	Ontario Clean Water Agency	Surface Water	0
Number of Surface Water Intakes	Comments				•	•
2	2 intakes in Lake Hu	ıron				

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Drinking Water System Type (planned or existing)	Drinking Water System Number	Drinking Water System Name	Owner	Operating Authority	Source Water Type (surface, ground, both)	Number of Wells
Existing	220000068	Mount Forest Well Supply	Township of Wellington North	The Corporation of the Township of Wellington North	Groundwater	4
Number of Surface Water Intakes	Comments					
0	Non-GUDI					

Approved Terms of Reference

Drinking Water System Type (planned or existing)	Drinking Water System Number	Drinking Water System Name	Owner	Operating Authority	Source Water Type (surface, ground, both)	Number of Wells
Existing	210002147	Neustadt Well Supply	Municipality of West Grey	American Water Services Canada Corp	Surface and Groundwater	3
Number of Surface Water Intakes	Comments					
0	Confirmed GUDI					

Drinking Water System Type (planned or existing)	Drinking Water System Number	Drinking Water System Name	Owner	Operating Authority	Source Water Type (surface, ground, both)	Number of Wells
Existing	220001771	Durham Well Supply	Municipality of West Grey	American Water Services Canada Corp	Surface and Groundwater	2
Number of Surface Water Intakes	Comments					
0	Confirmed GUDI					

Drinking Water System Type (planned or existing)	Drinking Water System Number	Drinking Water System Name	Owner	Operating Authority	Source Water Type (surface, ground, both)	Number of Wells
Existing	220000031	Clifford Well Supply	Minto, The Corporation of the Town of	Minto, The Corporation of the Town of	Groundwater	3
Number of Surface Water Intakes	Comments					
0	Non-GUDI					

Drinking Water System Type (planned or existing)	Drinking Water System Number	Drinking Water System Name	Owner	Operating Authority	Source Water Type (surface, ground, both)	Number of Wells
Existing	260007088	Minto Pines Subdivsion Well Supply	Minto, The Corporation of the Town of	Minto, The Corporation of the Town of	Groundwater	1
Number of Surface Water Intakes	Comments					
0	Non-GUDI					

Detailed Information on Drinking Water System(s) Included by Municipal Council Resolution

(Not Municipal Residential Drinking Water Systems)

None at this time

Detailed Information on Drinking Water System(s) Included by Bands Serving Reserve(s)

(Not Municipal Residential Drinking Water Systems)

None at this time

Detailed Information on Fully or Partially Exempted Municipal Residential Drinking Water System(s)

Drinking Water System	Drinking Water	Drinking Water System Name	Owner	Operating Authority	Source Water Type	Number of
Type (planned or existing)	System Number				(surface, ground, both)	Wells
Existing	220002707	Port Elgin WTP	The Corporation of the the Town of Saugeen Shores	N/A	Surface Water	
Number of Surface Water Intakes	Comments			Partial Exemption Description		
1	The Port Elgin WTP is scheduled to be decommissioned in 2009.					

Detailed Information on Drinking Water System(s) Included by the Minister of the Environment

(Not Municipal Residential Drinking Water Systems)

None at this time

Detailed Work Plan to Complete the Assessment Report

By Source Protection Area	Task	Assigned Lead(s)	Estimated Start Date	Estimated Completion Date
Saugeen Valley Source Protection Area	Coordinating and supporting projects for the assessment report	SV, GS, NBP SPAs	2005-Jan-01	2009-Nov-01
Comments		Defined Geographic Area		Estimated Cost
SV, GS, NBP Source Protection Region			\$1,206,186	

By Source Protection Area	Task	Assigned Lead(s)	Estimated Start Date	Estimated Completion Date
Saugeen Valley Source Protection Area	Undertaking communications initiatives for the assessment report	SV, GS, NBP SPAs	2005-Jan-01	2009-Nov-01
Comments	•	Defined Geographic Area		Estimated Cost
SV, GS, NBP Source Pro		SV, GS, NBP Source Protection Region		\$72,764

By Source Protection Area	Task	Assigned Lead(s)	Estimated Start Date	Estimated Completion Date
Saugeen Valley Source Protection Area	Information management for the assessment report preparation	SV, GS, NBP SPAs	2005-Jan-01	2009-Nov-01
Comments		Defined Geographic Area		Estimated Cost
		SV, GS, NBP Source Protection Region		\$120,268

By Source Protection Area	Task	Assigned Lead(s)	Estimated Start Date	Estimated Completion Date
Saugeen Valley Source Protection Area	Undertaking a watershed characterization	SV, GS, NBP SPAs	2005-Jan-01	2009-Nov-01
Comments	Comments		Defined Geographic Area	
		SV, GS, NBP Source Protection Region		\$15,371

By Source Protection Area	Task	Assigned Lead(s)	Estimated Start Date	Estimated Completion Date
Saugeen Valley Source Protection Area	Conducting a conceptual water budget	SV, GS, NBP SPAs	2005-Jan-01	2008-Jan-31
Comments	Comments		Defined Geographic Area	
SV, GS, NBP Source Protection Region		\$117,876		

By Source Protection Area	Task	Assigned Lead(s)	Estimated Start Date	Estimated Completion Date
Saugeen Valley Source Protection Area	Conducting a tier 1 water budget analysis and stress assessment	SV, GS, NBP SPAs	2007-Dec-01	2008-Aug-30
Comments		Defined Geographic Area		Estimated Cost
		SV, GS, NBP Source Protection Region		\$114,571

By Source Protection Area	Task	Assigned Lead(s)	Estimated Start Date	Estimated Completion Date
Saugeen Valley Source Protection Area	Conducting a tier 2 water budget analysis and stress assessment	SV, GS, NBP SPAs	2009-Apr-01	2009-Sep-01
Comments		Defined Geographic Area	1	Estimated Cost
		SV, GS, NBP Source Protection Region		\$27,000

By Source Protection Area	Task	Assigned Lead(s)	Estimated Start Date	Estimated Completion Date
Saugeen Valley Source Protection Area	Conducting a tier 3 water budget analysis and water quantity risk assessment	SV, GS, NBP SPAs	2009-Jan-01	2009-Nov-01
Comments		Defined Geographic Area		Estimated Cost
TBD if Tier 3 is required		SV, GS, NBP Source Protection Region		\$0

By Source Protection Area	Task	Assigned Lead(s)	Estimated Start Date	Estimated Completion Date
Saugeen Valley Source Protection Area	Delineating and applying vulnerability scores to HVAs	SV, GS, NBP SPAs	2008-Jul-01	2008-Dec-01
Comments	·	Defined Geographic Area		Estimated Cost
		SV, GS, NBP Source Protection Region		\$9,990

ingusi 17, 2007	August	17,	2009
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By Source Protection	Task	Assigned Lead(s)	Estimated Start Date	Estimated Completion
Area				Date
Saugeen Valley Source	Identifying issues, inventorying threats and assessing	SV, GS, NBP SPAs	2008-Dec-01	2009-Apr-01
Protection Area	hazards in HVAs			
Comments		Defined Geographic Area		Estimated Cost
		SV, GS, NBP Source Protection Region		Included in HVA on line
				above

By Source Protection Area	Task	Assigned Lead(s)	Estimated Start Date	Estimated Completion Date
Saugeen Valley Source Protection Area	Assessing risks in HVAs	SV, GS, NBP SPAs	2009-Apr-01	2009-Oct-01
Comments	•	Defined Geographic Area		Estimated Cost
		SV, GS, NBP Source Protection Region	on	Included on HVA on line above

By Source Protection Area	Task	Assigned Lead(s)	Estimated Start Date	Estimated Completion Date
Saugeen Valley Source Protection Area	Applying vulnerability scores to SGRAs	SV, GS, NBP SPAs	2008-Jul-01	2008-Dec-01
Comments		Defined Geographic Area		Estimated Cost
		SV, GS, NBP Source Protection Re	SV, GS, NBP Source Protection Region	

By Source Protection Area	Task	Assigned Lead(s)	Estimated Start Date	Estimated Completion Date
Saugeen Valley Source Protection Area	Identifying issues, inventorying threats and assessing hazards in SGRAs	SV, GS, NBP SPAs	2008-Dec-01	2009-Apr-01
Comments		Defined Geographic Area		Estimated Cost
		SV, GS, NBP Source Protection Region		Included in SGRA on line above

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By Source Protection Area	Task	Assigned Lead(s)	Estimated Start Date	Estimated Completion Date
Saugeen Valley Source Protection Area	Assessing risk in SGRAs	SV, GS, NBP SPAs	2009-Apr-01	2009-Oct-31
Comments		Defined Geographic Area	•	Estimated Cost
SV, GS, NBP Source Protection Region		Included in SGRA on line above		

By Source Protection Area	Task	Assigned Lead(s)	Estimated Start Date	Estimated Completion Date
Saugeen Valley Source Protection Area	Delineating and applying vulnerability scores to WHPAs or IPZs	SV, GS, NBP SPAs	2006-Mar-01	2009-Aug-31
Comments		Defined Geographic Area		Estimated Cost
		SV, GS, NBP Source Protection Region		\$467,158

By Source Protection Area	Task	Assigned Lead(s)	Estimated Start Date	Estimated Completion Date
Saugeen Valley Source Protection Area	Identifying issues, inventorying threats and assessing hazards in WHPAs or IPZs	SV, GS, NBP SPAs	2006-Mar-01	2009-Oct-31
Comments		Defined Geographic Area		Estimated Cost
		SV, GS, NBP Source Protection Region		\$597,898

By Source Protection Area	Task	Assigned Lead(s)	Estimated Start Date	Estimated Completion Date
Saugeen Valley Source Protection Area	Assess risk in WHPAs or IPZs	SV, GS, NBP SPAs	2007-Mar-01	2009-Dec-31
Comments	<u> </u>	Defined Geographic Area	<u>, </u>	Estimated Cost
SV, GS, NBP Source Protection Region		\$127,726		

August 17, 2009

By Source Protection Area	Task	Assigned Lead(s)	Estimated Start Date	Estimated Completion Date
Saugeen Valley Source Protection Area	Consultation on the overall proposed assessment report	SV, GS, NBP SPAs	2009-Jan-01	2009-Sep-01
Comments		Defined Geographic Area		Estimated Cost
SV, GS, NBP Source Protection Region		Included elsewhere		

By Source Protection Area	Task	Assigned Lead(s)	Estimated Start Date	Estimated Completion Date
Saugeen Valley Source Protection Area	Water quality analyses, location of karst formations and surface water flow analyses.	SV, GS, NBP SPAs	2008-Jun-01	2009-Mar-31
Comments		Defined Geographic Area		Estimated Cost
SV, GS, NBP Source Protection Region		\$13,200		

August 17, 2009

Detailed Work Plan to Complete the Source Protection Plan

By Source Protection Area	Task	Assigned Lead(s)	Estimated Start Date	Estimated Completion Date
Saugeen Valley Source Protection Area	Coordinating and supporting projects for the source protection plan (SPP)	SV, GS, NBP SPAs	2009-Nov-01	2012-Aug-20
Comments		Defined Geographic Area		Estimated Cost
		SV, GS, NBP Source Protection Region		\$600,387

By Source Protection Area	Task	Assigned Lead(s)	Estimated Start Date	Estimated Completion Date
Saugeen Valley Source Protection Area	Undertaking communications initiatives for the source protection plan	SV, GS, NBP SPAs	2009-Nov-01	2012-Aug-20
Comments	•	Defined Geographic Area		Estimated Cost
		SV, GS, NBP Source Protection Region		\$53,820

By Source Protection Area	Task	Assigned Lead(s)	Estimated Start Date	Estimated Completion Date
Saugeen Valley Source Protection Area	Information management for source protection plan preparation	SV, GS, NBP SPAs	2009-Nov-01	2012-Aug-20
Comments		Defined Geographic Area		Estimated Cost
SV, GS, NBP Source Protection Region		\$17,595		

By Source Protection Area	Task	Assigned Lead(s)	Estimated Start Date	Estimated Completion Date
Saugeen Valley Source Protection Area	Policy development to address drinking water threats (where required and/or permissible in Act/Regs)	SPC	2009-Nov-01	2012-Aug-20
Comments	•	Defined Geographic Area		Estimated Cost
Costs to be determined		SV, GS, NBP Source Protection Region		To be determined

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By Source Protection Area	Task	Assigned Lead(s)	Estimated Start Date	Estimated Completion Date
Saugeen Valley Source Protection Area	Policy development for monitoring (where required, advisable and/or permissible in Act & Regs)	SPC	2009-Nov-01	2012-Aug-20
Comments		Defined Geographic Area		Estimated Cost
Costs to be determined		SV, GS, NBP Source Protection Region		To be determined

Approved Terms of Reference

By Source Protection Area	Task	Assigned Lead(s)	Estimated Start Date	Estimated Completion Date
Saugeen Valley Source Protection Area	Policy development for Great Lakes elements (where required/permissible in Act & Regs)	SPC	2009-Nov-01	2012-Aug-20
Comments	·	Defined Geographic Area		Estimated Cost
Costs to be determined		SV, GS, NBP Source Protection Region		To be determined

By Source Protection Area	Task	Assigned Lead(s)	Estimated Start Date	Estimated Completion Date
Saugeen Valley Source Protection Area	Establishing timelines for policy implementation	SPC	2009-Nov-01	2012-Aug-20
Comments		Defined Geographic Area		Estimated Cost
Costs to be determined		SV, GS, NBP Source Protection Region	To be determined	

By Source Protection Area	Task	Assigned Lead(s)	Estimated Start Date	Estimated Completion Date
Saugeen Valley Source Protection Area	Consultation on the overall proposed source protection plan	SPC	2012-Jun-01	2012-Aug-20
Comments		Defined Geographic Area		Estimated Cost
Costs to be determined		SV, GS, NBP Source Protection Region	To be determined	

Summary of Financial Statistics

	Tasks Done by Source Protection Area or Drinking Water System	Estimated Costs for Tasks Under the Assessment Report	Estimated Costs for Tasks Under the Source Protection Plan	Subtotal
Municipal Residential Drinking Water Systems				
	Armow Well Supply	\$44,346	To be determined	\$44,346
	Chepstow Powers Subdivision Well Supply	\$44,346	To be determined	\$44,346
	Chesley Well System	\$46,900	To be determined	\$46,900
	Clifford Well Supply	\$44,346	To be determined	\$44,346
	Durham Well Supply	\$82,544	To be determined	\$82,544
	Hanover WTP	\$125,044	To be determined	\$125,044
	Kincardine WTP	\$124,580	To be determined	\$124,580
	Lake Rosalind Well Supply	\$44,346	To be determined	\$44,346
	Lakeshore Area Water Works	\$44,346	To be determined	\$44,346
	Markdale Well Supply	\$44,346	To be determined	\$44,346
	Mildmay Well Supply	\$44,346	To be determined	\$44,346
	Minto Pines Subdivision Well Supply	\$44,346	To be determined	\$44,346
	Mount Forest Well Supply	\$44,346	To be determined	\$44,346
	Neustadt Well Supply	\$23,944	To be determined	\$23,944
	Scotts Point Well Supply	\$44,346	To be determined	\$44,346
	Southampton WTP	\$124,580	To be determined	\$124,580
	Teeswater Well Supply	\$44,346	To be determined	\$44,346
	Tiverton Well Supply	\$44,346	To be determined	\$44,346
	Underwood Well Supply	\$44,346	To be determined	\$44,346
	Village of Ripley Well Supply	\$44,346	To be determined	\$44,346
	Walkerton Well Supply	\$44,346	To be determined	\$44,346

Approved Terms of Reference

	Tasks Done by Source Protection Area or Drinking Water System	Estimated Costs for Tasks Under the Assessment Report	Estimated Costs for Tasks Under the Source Protection Plan	Subtotal
Drinking Water Systems By Municipal Resolution	None at this time			
Drinking Water Systems By Band Resolutions	None at this time			
Drinking Water Systems Included By Minister	None at this time			
Total Estimated Costs		\$1,192,782	To be determined	\$1,192,782

Estimated Costs for Tasks by Fiscal Year

Fiscal Year defined as April 1 to March 31

Drinking Water System Category / Source Protection Area	Tasks	Fiscal Year 04/05	Fiscal Year 05/06	Fiscal Year 06/07	Fiscal Year 07/08	Fiscal Year 08/09	Fiscal Year 09/10	Fiscal Year 10/11	Fiscal Year 11/12
Saugeen Valley Source Protection Area									
	Coordinating and supporting projects for the assessment report	\$42,857	\$219,475	\$212,997	\$275,315	\$301,999	\$153,543	\$0	\$0
	Undertaking communications initiatives for the assessment report	\$0	\$21,892	\$8,752	\$28,080	\$14,040	\$0	\$0	\$0
	Information management for the assessment report preparation	\$0	\$62,481	\$2,398	\$41,619	\$9,180	\$4,590	\$0	\$0
	Undertaking a watershed characterization	\$0	\$475	\$13,013	\$1,883	\$0	\$0	\$0	\$0
	Conducting a conceptual water budget	\$0	\$16,814	\$89,011	\$12,051	\$0	\$0	\$0	\$0
	Conducting a tier 1 water budget analysis and stress assessment	\$0	\$0	\$0	\$73,666	\$40,905	\$0	\$0	\$0
	Conducting a tier 2 water budget analysis and stress assessment	\$0	\$0	\$0	\$0	\$0	\$27,000	\$0	\$0
	Conducting a tier 3 water budget analysis and water quantity risk assessment	\$0	\$0	\$0	\$0	\$0	To be determined	\$0	\$0
	Delineating and applying vulnerability scores to HVAs	\$0	\$0	\$0	\$0	\$9,990	\$0	\$0	\$0
	Identifying issues, inventorying threats and assessing hazards in HVAs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Assessing risks in HVAs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Applying vulnerability scores to SGRAs	\$0	\$0	\$0	\$0	\$6,750	\$0	\$0	\$0
	Identifying issues, inventorying threats and assessing hazards in SGRAs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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Drinking Water System Category / Source Protection Area	Tasks	Fiscal Year 04/05	Fiscal Year 05/06	Fiscal Year 06/07	Fiscal Year 07/08	Fiscal Year 08/09	Fiscal Year 09/10	Fiscal Year 10/11	Fiscal Year 11/12
	Assessing risk in SGRAs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Delineating and applying vulnerability scores to WHPAs or IPZs	\$0	\$209,993	\$141,236	\$0	\$103,700	\$12,229	\$0	\$0
	Identifying issues, inventorying threats and assessing hazards in WHPAs or IPZs	\$0	\$329,968	\$128,546	\$0	\$106,296	\$33,088	\$0	\$0
	Assess risk in WHPAs or IPZs	\$0	\$0	\$53,716	\$0	\$68,557	\$5,453	\$0	\$0
	Consultation on the overall proposed assessment report	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Water quality analyses, location of karst formations and surface water flow analyses.	\$0	\$0	\$0	\$0	\$13,200	\$0	\$0	\$0
	Coordinating and supporting projects for the source protection plan (SPP)	\$0	\$0	\$0	\$0	\$0	\$153,543	\$312,275	\$134,569
	Undertaking communications initiatives for the source protection plan	\$0	\$0	\$0	\$0	\$0	\$14,040	\$28,080	\$11,700
	Information management for source protection plan preparation	\$0	\$0	\$0	\$0	\$0	\$4,590	\$9,180	\$3,825
	Policy development to address drinking water threats (where required and/or permissible in Act/Regs)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Policy development for monitoring (where required, advisable and/or permissible in Act & Regs)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Policy development for Great Lakes elements (where required/permissible in Act & Regs)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Establishing timelines for policy implementation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Consultation on the overall proposed source protection plan	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Saugeen Valley Source Prote	ection Area	Approv	ved Terms of F	Reference			August 17, 200)9	43
Drinking Water System Category / Source Protection Area	Tasks	Fiscal Year 04/05	Fiscal Year 05/06	Fiscal Year 06/07	Fiscal Year 07/08	Fiscal Year 08/09	Fiscal Year 09/10	Fiscal Year 10/11	Fiscal Year 11/12
Municipal Residential Drinking Water Systems									
	Delineating and applying vulnerability scores to WHPAs or IPZs	\$0	\$254,195	\$134,772	\$1,484	\$52,249	\$0	\$0	\$0
	Identifying issues, inventorying threats and assessing hazards in WHPAs or IPZs	\$0	\$311,641	\$165,229	\$0	\$65,882	\$0	\$0	\$0
	Assess risk in WHPAs or IPZs	\$0	\$3,103	\$77,909	\$1,441	\$36,185	\$0	\$0	\$0
	Policy development to address drinking water threats (where required and/or permissible in Act/Regs)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Policy development for monitoring (where required, advisable and/or permissible in Act & Regs)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Policy development for Great Lakes elements (where required/permissible in Act & Regs)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Establishing timelines for policy implementation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Drinking Water Systems By Municipal Resolution	None at this time								
Drinking Water Systems by Band Resolution	None at this time								
Drinking Water Systems Included by Minister	None at this time								
Fiscal Year Total		\$42,857	\$1,430,037	\$1,027,579	\$435,539	\$828,933	\$408,076	\$349,535	\$150,094

Process Checklist

Regulatory Process	Completion Date	Done By
Give a copy of the comments on proposed terms of reference to the source protection committee.	2008-Oct-14	SPAuthority
Make the draft proposed terms of reference available at other locations.	2008-May-23	SPCommittee
Make the proposed terms of reference available at other locations.	2008-Aug-15	SPCommittee
Municipal council resolutions have been passed agreeing upon work.	2012-Aug-20	SPCommittee
Notice for consultation on draft proposed ToR includes information on public meeting scheduled at least 21 days after newspaper notice is published.	2008-May-23	SPCommittee
Notify band Chiefs on the commencement of the terms of reference.	2008-Jan-9	SPCommittee
Notify municipal clerks on the commencement of the terms of reference.	2008-Jan-9	SPCommittee
Post proposed terms of reference on the Internet for 30 days.	2008-Aug-15	SPCommittee
Post draft proposed terms of reference on Internet.	2008-May-23	SPCommittee
Provide a copy of draft to the chiefs of bands whose reserves are located in the source protection area.	2008-May-23	SPCommittee
Provide a copy of draft proposed terms of reference to the clerks of municipalities located in the source protection area.	2008-May-23	SPCommittee
Provide a copy of proposed terms of reference to the source protection authority.	2008-Aug-15	SPCommittee
Provide a copy of proposed terms of reference to the chiefs of bands whose reserves are located in the source protection area.	2008-Aug-15	SPCommittee
Provide a copy of proposed terms of reference to the clerks of municipalities located in the source protection area.	2008-Aug-15	SPCommittee
Give copy of draft proposed ToR to groups created pursuant to Great Lakes Water Quality Agreement & involved in developing/implementing RAPs & LaMPs.	2012-Aug-20	SPCommittee
Provide copy of draft proposed ToR to chairs of SPCs who have been listed in table that describes matters that affect other source protection areas.	2008-May-23	SPCommittee
Provide any unresolved comments from municipalities and bands to the Minister as part of the approval package for the proposed terms of reference.	2008-Oct-14	SPAuthority
Provide any unresolved comments from municipalities and bands to the source protection authority on the draft proposed terms of reference.	2008-Aug-15	SPCommittee

Regulatory Process	Completion Date	Done By
Make provisions to consider Great Lakes Agreements.	2012-Aug-20	SPCommittee
Publish newspaper notice to publicly view draft proposed ToR on Internet and at other locations (as determined by the source protection committee).	2008-May-27	SPCommittee
Receive comments from the 30 day Internet posting from the public, municipalities, bands, and other stakeholders.	2008-Sept-15	SPAuthority
Notice for consultation on draft proposed ToR includes requests for comments submitted within 35 days of notice published in the newspaper.	2008-June-27	SPCommittee

Appendix: Full Task Descriptions

Subject Area	Task Name	Full Task Description
Assessment Report Preparation	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.
Assessment Report Preparation	Undertaking communications initiatives for the assessment report	Local area engagement, outreach and creation of communications products that support the assessment report process.
Assessment Report Preparation	Information management for the assessment report preparation	Conducting overall data management, data sharing agreements, standards, mapping, software and maintenance.
Assessment Report Preparation	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 when they are developed.
Assessment Report Preparation	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 when they are developed.
Assessment Report Preparation	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 when they are developed.
Assessment Report Preparation	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.
Assessment Report Preparation	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 when they are developed.
Assessment Report Preparation	Delineating and applying vulnerability scores to 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 when they are developed.
Assessment Report Preparation	Identifying issues, inventorying threats and assessing hazards in HVAs	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 when they are developed.

Subject Area	Task Name	Full Task Description
Assessment Report Preparation	Assessing risks in HVAs	Identifying any significant, moderate, low, and negligible drinking water threats, undertaking an issues evaluation, and analysing 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 when they are developed.
Assessment Report Preparation	Applying vulnerability scores to 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 when they are developed.
Assessment Report Preparation	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. 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 Preparation	Assessing risk in SGRAs	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 when they are developed.
Assessment Report Preparation	Delineating and applying vulnerability scores to WHPAs or 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 when they are developed.
Assessment Report Preparation	Identifying issues, inventorying threats and assessing hazards in WHPAs or 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 when they are developed.
Assessment Report Preparation	Assess risk in WHPAs or 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 when they are developed.
Assessment Report Preparation	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 when they are developed.
Source Protection Plan Preparation	Coordinating and supporting projects for the source protection plan (SPP)	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.
Source Protection Plan Preparation	Undertaking communications initiatives for the source protection plan	Local area engagement, outreach and creation of communications products that support the source protection plan process.

Subject Area	Task Name	Full Task Description
Source Protection Plan Preparation	Information management for source protection plan preparation	Conducting overall data management, data sharing agreements, standards, mapping, software and maintenance.
Source Protection Plan Preparation Policy development to address drinking water threats (where required and/or permissible in		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.
	Act/Regs)	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.
Source Protection Plan Preparation	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. Detailed requirements and guidance will be provided in the Source Protection Plan regulation and guidance document when they are developed.
Source Protection Plan Preparation	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". Detailed requirements and guidance will be provided in the Source Protection Plan regulation and guidance document when they are developed.
Source Protection Plan Preparation	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.
Source Protection Plan Preparation	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.