

Ministry of Environment, Conservation and Parks, Source Protection Program Branch

Annual Progress Reporting Supplemental Form for Source Protection

December 22, 2016

UPDATE #1: February 1, 2017 to clarify instructions and reportables

UPDATE #2: November 2017

UPDATE #3: August 2018 (See Appendix A for notes on revisions made to this updated version of the supplemental form)

Annual Progress Reporting for Source Protection

ACTION REQUIRED	Complete all applicable sections of this electronic annual progress reporting database to report on progress made on the implementation of source protection plan policies in your source protection region/area. NOTE: As a reminder, source protection authorities are not required to complete the columns under “Performance Measures” in the right hand section of this document.			
PURPOSE	<p>This database provides a standardized approach for the sharing of critical information from the source protection authorities on implementation progress. This form will be used to:</p> <ul style="list-style-type: none"> • Assess plan implementation to demonstrate progress made in protecting sources of drinking water; • Support a consistent assessment of implementation progress across the province through a predictable, consistent, and reliable manner; • Contribute to the Minister’s summary on progress made in source protection as required by subsection 46(7) of the <i>Clean Water Act</i> and that is prepared by the ministry under the <i>Safe Drinking Water Act, 2002</i>; • Support the Ministry of Environment, Conservation and Parks (MECP)’s responses to requests for information from senior management, source protection authorities, stakeholders, and members of the general public; • Corroborate the MECP’s responses to any related program area audits; • Validate MECP’s responses to the Environmental Commissioner of Ontario, as requested; and, • Provide general compliance oversight. 			
GUIDANCE	The “Guidance and Rationale: Annual Progress Reporting” has been created to complement the electronic annual reporting database. Source protection authorities are encouraged to consult the guidance document which provides further direction on completing the reportables as well as a rationale for each of the reportables.			
REPORTING PERIOD	For Lake Erie – Grand River, Lake Erie – Long Point, and Saugeen Grey Sauble Northern Bruce Peninsula source protection regions who are submitting their first official annual progress report and supplemental form, the reporting period covers actions taken on source protection plan policies from the effective date of their source protection plans to December 31 st of the second calendar year following the year in which their source protection plans take effect. For the other source protection areas/regions who are submitting their second or subsequent annual progress report and supplemental form, the reporting period is the previous calendar year unless otherwise indicated (i.e., when the information is requested on a cumulative basis).			
SUBMISSION DEADLINE	Both the public-facing annual progress report template and the electronic annual progress reporting database are required to be completed by May 1st of every year for all source protection authorities.			
QUESTIONS	<p>Any questions you may have on completing the form are to be submitted and directed to the following staff at the Source Protection Programs Branch:</p> <table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 33%;">Neil Gervais, Senior Drinking Water Program Advisor neil.gervais@ontario.ca</td> <td style="width: 33%;">Michael Halder, Research and Planning Analyst michael.halder@ontario.ca</td> <td style="width: 33%;">Copy your Liaison Officer (Bilal Kidwai or Olga Yudina) and send to source.protection@ontario.ca</td> </tr> </table>	Neil Gervais, Senior Drinking Water Program Advisor neil.gervais@ontario.ca	Michael Halder, Research and Planning Analyst michael.halder@ontario.ca	Copy your Liaison Officer (Bilal Kidwai or Olga Yudina) and send to source.protection@ontario.ca
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Annual Progress Reporting for Source Protection

SOURCE PROTECTION PLAN REGION/AREA	Halton-Hamilton Source Protection Region
REPORTING PERIOD	January 1, 2018 through December 31, 2018
DATE SUBMITTED (dd-mm-year)	Draft for SPC Discussion - March 8, 2019

Reportable theme	Who ¹ compiles this information?	ID	Reportables	Performance Measures			Outcomes ² (S, M, L)																													
				ID	Measure	Target/Trend																														
Monitoring Policy Implementation	Source Protection Authority	1	<p>List all implementing bodies that did not submit a status update/annual report to the source protection authority for the previous reporting year and then provide an explanation given, if available, for not submitting a status update/annual report. If you received status updates/reports from all implementing bodies, then simply mark this question 'complete'.</p> <p><input checked="" type="checkbox"/> Complete</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: center;">Name of Implementing Body</th> <th style="text-align: center;">Explanation</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table> <p style="margin-top: 10px;">Reporting Frequency: Ongoing (annually) or on an as needed basis</p>	Name of Implementing Body	Explanation									N/A	N/A	N/A	N/A																			
Name of Implementing Body	Explanation																																			
Implementation status³ of source protection plan policies	Source Protection Authority & Source Protection Programs Branch	2a	<p>Complete the tables⁴ below to indicate the implementation status of various policies in the source protection plan. NOTE: The percentages calculated and reported in tables 1 to 3 below should be cumulative percentages (i.e., status of policies since the source protection plan effective date). See Guidance for more details.</p> <p style="margin-left: 20px;">Table 1a. Implementation status of legally binding policies that address significant drinking water threat activities.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-left: 20px;"> <thead> <tr> <th style="text-align: center;">Implementation Status Category</th> <th style="text-align: center;">Percentage of Plan Policies</th> </tr> </thead> <tbody> <tr><td>Implemented</td><td style="text-align: center;">51.9</td></tr> <tr><td>Policy outcome(s) evaluated; no further action(s) required</td><td style="text-align: center;">3.7</td></tr> <tr><td>In progress/some progress made</td><td style="text-align: center;">10.5</td></tr> <tr><td>No progress made</td><td style="text-align: center;">1.2</td></tr> <tr><td>No information available/no response received</td><td style="text-align: center;">0</td></tr> <tr><td>No response required/not applicable</td><td style="text-align: center;">0.6</td></tr> <tr><td style="text-align: center;">TOTAL</td><td style="text-align: center;">67.9</td></tr> </tbody> </table> <p style="margin-left: 20px; margin-top: 10px;">Table 1b. Implementation status of non-binding policies that address significant drinking water threat activities.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-left: 20px;"> <thead> <tr> <th style="text-align: center;">Implementation Status Category</th> <th style="text-align: center;">Percentage of Plan Policies</th> </tr> </thead> <tbody> <tr><td>Implemented</td><td style="text-align: center;">11.1</td></tr> <tr><td>Policy outcome(s) evaluated; no further action(s) required</td><td style="text-align: center;">5.6</td></tr> <tr><td>In progress/some progress made</td><td style="text-align: center;">1.8</td></tr> <tr><td>No progress made¹¹</td><td style="text-align: center;">2.5</td></tr> <tr><td>No information available/no response received</td><td style="text-align: center;">0.0</td></tr> <tr><td>No response required/not applicable</td><td style="text-align: center;">0.0</td></tr> </tbody> </table>	Implementation Status Category	Percentage of Plan Policies	Implemented	51.9	Policy outcome(s) evaluated; no further action(s) required	3.7	In progress/some progress made	10.5	No progress made	1.2	No information available/no response received	0	No response required/not applicable	0.6	TOTAL	67.9	Implementation Status Category	Percentage of Plan Policies	Implemented	11.1	Policy outcome(s) evaluated; no further action(s) required	5.6	In progress/some progress made	1.8	No progress made ¹¹	2.5	No information available/no response received	0.0	No response required/not applicable	0.0	<p>A</p> <p>Percent of legally binding policies that address significant drinking water threats have been/are being implemented (Table 1a).</p> <p>B</p> <p>Percent of policies that address moderate-low drinking water threats have been/are being implemented (Table 2).</p> <p>C</p> <p><u>For reporting by theme/other policies:</u></p>	<p>100% of legally binding policies that address significant drinking water threats have been/are being implemented.</p> <p>Increasing percent of policies that address moderate-low drinking water threats have been/are being implemented.</p> <p><u>For reporting by theme/other policies:</u></p>	<p>M (#5, #6) L (#10)</p>
Implementation Status Category	Percentage of Plan Policies																																			
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¹ **NOTE:** The Source Protection Programs Branch is sometimes listed in the second column to indicate where the Source Protection Programs Branch may facilitate the collection and sharing of information to the source protection authorities on the implementation of policies by provincial ministries.

² The anticipated outcomes are denoted with "S" for a short-term outcome, "M" for a medium-term outcome, and "L" for a long-term outcome. The letters S, M, L are followed by a number in brackets that corresponds with the specific program outcome described in the program outcomes document and displayed in the program logic model. Please refer to these documents for more information.

³ Please refer to the accompanying Guidance document for a detailed description of each of the implementation status categories as used in this form.

⁴ In the electronic reporting database, source protection authorities may choose to directly complete the four tables with percentages based on their own calculations or they can choose to complete an optional component in which the implementation status of each policy and each implementing body (if applicable) is indicated. In the case of the latter, once the implementation status is indicated for each and every policy in the applicable source protection plan, the percentages for each of the four tables would be automatically generated based on the implementation statuses indicated for every policy.

Reportable theme	Who ¹ compiles this information?	ID	Reportables		Performance Measures			Outcomes ² (S, M, L)																																			
			ID	Measure	Target/Trend																																						
			TOTAL		21.0																																						
			<p>Table 2. Implementation status of policies that address <i>moderate-low</i> (any policy tool, any legal effect) drinking water threat activities.</p> <table border="1"> <thead> <tr> <th>Implementation Status Category</th> <th>Percentage of Plan Policies</th> </tr> </thead> <tbody> <tr> <td>Implemented</td> <td></td> </tr> <tr> <td>Policy outcome(s) evaluated; no further action(s) required</td> <td></td> </tr> <tr> <td>In progress/some progress made</td> <td></td> </tr> <tr> <td>No progress made</td> <td></td> </tr> <tr> <td>No information available/no response received</td> <td></td> </tr> <tr> <td>No response required/not applicable</td> <td></td> </tr> <tr> <td>TOTAL</td> <td style="text-align: center;">0</td> </tr> </tbody> </table> <p>Table 3. Implementation status of policies (i.e., transport pathway, general education & outreach, some specify action, etc.) <i>not</i> directly associated with addressing specific drinking water threat activities.</p> <table border="1"> <thead> <tr> <th>Implementation Status Category</th> <th>Percentage of Plan Policies</th> </tr> </thead> <tbody> <tr> <td>Implemented</td> <td style="text-align: center;">5.6</td> </tr> <tr> <td>Policy outcome(s) evaluated; no further action(s) required</td> <td style="text-align: center;">0.6</td> </tr> <tr> <td>In progress/some progress made</td> <td style="text-align: center;">3.1</td> </tr> <tr> <td>No progress made</td> <td style="text-align: center;">0.6</td> </tr> <tr> <td>No information available/no response received</td> <td style="text-align: center;">0.6</td> </tr> <tr> <td>No response required/not applicable</td> <td style="text-align: center;">0.6</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: center;">11.1</td> </tr> </tbody> </table> <p>COMMENTS (Include any comments below, if needed, to explain any of the data reported in the tables above): Table 2 is blank because moderate-low policies for road salt also address significant threats and are included in Table 1. Reporting Frequency: Ongoing (annually) until such time all policies in the source protection plan are considered implemented.</p>						Implementation Status Category	Percentage of Plan Policies	Implemented		Policy outcome(s) evaluated; no further action(s) required		In progress/some progress made		No progress made		No information available/no response received		No response required/not applicable		TOTAL	0	Implementation Status Category	Percentage of Plan Policies	Implemented	5.6	Policy outcome(s) evaluated; no further action(s) required	0.6	In progress/some progress made	3.1	No progress made	0.6	No information available/no response received	0.6	No response required/not applicable	0.6	TOTAL	11.1	Percent of other policies that have been/are being implemented (Table 3).	Increasing percent of other policies being implemented.	
Implementation Status Category	Percentage of Plan Policies																																										
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Implementation status of source protection plan policies (as per O. Reg. 287/07, ss. 52(1), p. 1)	Source Protection Authority & Source Protection Programs Branch	2b	Summarize the reasons for results recorded above as being "No progress made" and/or "No information available/no response received" by the dates specified in your source protection plan for significant drinking water threat activities (Table 1a) and for any moderate/low threat policies that used prescribed instruments and <i>Planning Act</i> tools by completing the table below with the following details. Insert additional rows as needed.																																								
			Policy ID	Implementing Body	Explanation of why actions were not taken by the person(s) or body(ies)		Outline next steps to support implementation																																				
			T-20-C b., T-47-C b.	Halton Region	Policies require the establishment of risk management plans prior to Dec 31, 2020		Remind Halton Region of the deadline for implementation																																				
			T-29-S d.	Agrichemical Warehousing Standards Association	Haven't been able to connect with the association as letter has gone unanswered		Continue to seek relevant contacts to speak with																																				
			T-49-S a.	De-icing contractors	Contractors have informed us that they must meet the requirements of their clients and reduce liability even though they know their practices aren't optimized		Broaden outreach and target large clients in addition to contractors, however, full implementation is not likely to occur																																				
Reporting Frequency: Ongoing (annually) or on as needed basis																																											

Reportable theme	Who ¹ compiles this information?	ID	Reportables			Performance Measures			Outcomes ² (S, M, L)						
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Part IV (Section 57 – Prohibition, Section 58 - Risk Management Plan & Section 59 - Restricted Land Uses)	Source Protection Authority	3a	If applicable to the source protection area/region, complete the table below for risk management plans established.			D	Total number of risk management plans established since the effective date of the source protection plan.	Increasing over time until all required activities have risk management plans established.	S (#1, #2) M (#5, #6, #7) L (#9, #10)						
			<table border="1"> <tr> <td>Total number of risk management plans agreed to/established within the source protection area/region since effective date of the source protection plan (i.e., cumulative total – up to December 31, 2017) (Column A)</td> <td>Number of risk management plans agreed to or established within the source protection area/region (for existing and future threats) during the reporting period (i.e., annual total) (Column B)</td> <td>Total number of properties (i.e., parcels) with risk management plans agreed to or established since the effective date of the source protection plan (Column C)</td> </tr> <tr> <td>0</td> <td>0</td> <td>0</td> </tr> </table>							Total number of risk management plans agreed to/established within the source protection area/region since effective date of the source protection plan (i.e., cumulative total – up to December 31, 2017) (Column A)	Number of risk management plans agreed to or established within the source protection area/region (for existing and future threats) during the reporting period (i.e., annual total) (Column B)	Total number of properties (i.e., parcels) with risk management plans agreed to or established since the effective date of the source protection plan (Column C)	0	0	0
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Reporting Frequency: Ongoing (annually)															
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Annual count	0														
Cumulative count	0														
Source Protection Authority	3b	How many existing * significant drinking water threats have been managed through the established risk management plans (* meaning engaged in OR enumerated as existing significant threats)?			N/A	No direct measure, but links with measure “O” associated with Implementation Status and Enumerated Threats: Percent of significant drinking water threats that existed in the area when the source protection plan was approved and that have been addressed (i.e., eliminated or managed).	N/A	N/A							
Source Protection Authority	4	How many section 59 notices were issued in this reporting period for: (i) activities to which neither a prohibition (section 57) nor a risk management plan (section 58) policy applied, as per ss. 59(2)(a) of the <i>Clean Water Act</i> <u>17</u> (ii) activities to which a risk management plan (section 58) policy applied, as per ss. 59(2)(b) of the <i>Clean Water Act</i> <u>0</u>													
Source Protection Authority	5	For the purposes of section 61 of O. Reg. 287/07, how many notices and/or copies of prescribed instruments that state the prescribed instrument conforms with the significant drinking water threat policies in the source protection plan (i.e., statement of conformity confirms the instrument holder is exempt from requiring a risk management plan) did the risk management official receive? <u>0</u>													
NOTE: The term inspections refer to those conducted under the authority of section 62 of the <i>Clean Water Act</i> , related to an activity to which section 56, 57 or 58 of the <i>Clean Water Act</i> applies. This includes inspections carried out for threat verification purposes. It does not include the delivery of documents such as notices or a signed risk management plan. The term contravention as used in the context of inspections refers to activities being undertaken that are in violation of sections 57 and 58 of the <i>Clean Water Act</i> relative to the policies noted in the source protection plan.					F	Percent of inspections that show conformity with prohibition and risk management plan policies in an approved source protection plan.	Inspections show 100% conformity with prohibition and risk management plan policies over time.	S (#2) M (#5, #6) L (#9, #10)							
Source Protection Authority	6a	(i) State the total number of inspections (including any follow-up site visits) that were carried out for activities (existing or future) that are prohibited under section 57 of the <i>Clean Water Act</i> for this reporting period <u>0</u> (ii) How many properties (i.e., parcels) had inspections for the purposes of section 57 for this reporting period? <u>0</u>													
Reporting Frequency: Ongoing (annually)															

Reportable theme	Who ¹ compiles this information?	ID	Reportables		Performance Measures			Outcomes ² (S, M, L)			
					ID	Measure	Target/Trend				
Source Protection Authority	6b	Among these inspections, how many showed that activities were taking place on the landscape even though they were prohibited (i.e., in contravention) under section 57 of the <i>Clean Water Act</i> for this reporting period? <u>NA</u>			G	Percent compliance with the contents of risk management plans.	100% compliance with risk management plans established under section 58 of the <i>Clean Water Act</i> .	S (#2) M (#5, #6) L (#9, #10)			
		Reporting Frequency: Ongoing (annually)									
	7	How many existing significant drinking water threats have been prohibited as a result of section 57 prohibitions?									
		<table border="1"> <tr> <td>Annual count</td> <td>0</td> </tr> <tr> <td>Cumulative count</td> <td>0</td> </tr> </table>	Annual count	0					Cumulative count	0	
	Annual count	0									
	Cumulative count	0									
Reporting Frequency: Ongoing (annually) or until such time all existing (enumerated) threats are prohibited according to plan policies											
8a	(i) State the total number of inspections (including any follow-up site visits) that were carried out for activities that require a risk management plan under section 58 of the <i>Clean Water Act</i> for this reporting period. <u>5</u>										
	(ii) How many properties (i.e., parcels) had inspections for the purposes of section 58 for this reporting period? <u>3</u>										
Reporting Frequency: Ongoing (annually)											
8b	Among these inspections,										
	(i) how many were in contravention with section 58 of the <i>Clean Water Act</i> for this reporting period (i.e., person engaging in a drinking water threat activity without a risk management plan as required by the source protection plan)? <u>0</u>										
	(ii) how many were in non-compliance with the specific contents of the risk management plan for this reporting period? (NOTE: Please only include those inspections that showed non-compliance with measures/conditions to manage the actual threat activity.) <u>0</u>										
Reporting Frequency: Ongoing (annually)											
8c	(i) State the total number of notices issued for cases of contraventions and/or non-compliance with sections 57 or 58 policies for this reporting period.	Section 57	0								
		Section 58	0								
	(ii) State the total number of orders issued for contraventions and/or non-compliance found with sections 57 or 58 policies for this reporting period.	Section 57	0								
		Section 58	0								
Reporting Frequency: Ongoing (annually)											
9	[OPTIONAL]: What new/additional knowledge (e.g., threats, transport pathways, abandoned wells, etc. and how they are managed), if any, did the lead source protection authority gain through communication with their Risk Management Official/Risk Management Inspector, based on the Risk Management Official/Risk Management Inspector's work in the field?										
	<p>RESPONSE: Risk officials are finding that although an activity is occurring or may occur, the activity does not meet the threshold criteria for a significant threat. Re-inspection reminders are set and discussions take place on voluntary risk management plans and best practices.</p>										
Reporting Frequency: Ongoing (annually)											

NOTE: Prescribed instrument reportables (including those related to inspections) from #10 to #20 have been removed from this updated version of the supplemental form to reduce the reporting burden on source protection authorities. Information about actions taken on prescribed instrument policies is available in the various annual reports in the electronic annual reporting database as completed by ministries responsible for issuing prescribed instruments under the following legislation: *Environmental Protection Act* (MECP), *Ontario Water Resources Act* (MECP), *Pesticides Act* (MECP), *Nutrient Management Act* (Ministry of Agriculture, Food and Rural Affairs (OMAFRA)), and *Aggregate Resources Act* (Ministry of Natural Resources and Forestry (MNRF)) and the Ministry of Transportation (MTO)).

Reportable theme	Who ¹ compiles this information?	ID	Reportables			Performance Measures			Outcomes ² (S, M, L)																													
			ID	Measure	Target/Trend																																	
Land Use Planning (LUP)	NOTE: Reportable #21 has been removed from this updated version of the supplemental form to reduce the reporting burden on source protection authorities. Information about actions taken by the Ministry of Municipal Affairs and Housing (MMAH), where it is the planning approval authority for day-to-day <i>Planning Act</i> decisions, is available in the annual report as completed by MMAH in the electronic annual reporting database.																																					
	Source Protection Authority	22	List the municipality(ies) (including upper-, lower-, and single-tier) within the source protection region/area that are required to complete Official Plan and Zoning by-law conformity exercises for source protection and then select the status of those exercises in the table below for each municipality. Add as many rows as needed. *NOTE: Applies to every municipality affected by land use planning or Part IV type policies.			K	Percent of municipalities that are subject to significant drinking water threat policies have incorporated source protection into their official plans.	100% of municipalities that are subject to significant drinking water threat policies have incorporated source protection into their planning documents.	S (#1, #2) M (#4, #5, #6, #7) L (#10)																													
			<table border="1"> <thead> <tr> <th>Municipality Name</th> <th>Status of Official Plan Conformity Exercise (Select a status from drop down list)</th> <th>Status of Zoning By-law Conformity Exercise (Select a status from drop down list)</th> </tr> </thead> <tbody> <tr> <td>County of Wellington</td> <td>Completed</td> <td>Choose an item.</td> </tr> <tr> <td>Township of Puslinch</td> <td>Choose an item.</td> <td>Completed but under appeal</td> </tr> <tr> <td>Hamilton</td> <td>Completed</td> <td>Completed</td> </tr> <tr> <td>Halton Region</td> <td>In Process</td> <td>Not Started</td> </tr> <tr> <td>Town of Milton</td> <td>In Process</td> <td>Not Started</td> </tr> <tr> <td>Town of Halton Hills</td> <td>Not Started</td> <td>Not Started</td> </tr> <tr> <td>City of Burlington</td> <td>In Process</td> <td>Not Started</td> </tr> <tr> <td>Town of Oakville</td> <td>In Process</td> <td>Not Started</td> </tr> </tbody> </table>			Municipality Name	Status of Official Plan Conformity Exercise (Select a status from drop down list)	Status of Zoning By-law Conformity Exercise (Select a status from drop down list)	County of Wellington	Completed	Choose an item.	Township of Puslinch	Choose an item.	Completed but under appeal	Hamilton	Completed	Completed	Halton Region	In Process	Not Started	Town of Milton	In Process	Not Started	Town of Halton Hills	Not Started	Not Started	City of Burlington	In Process	Not Started	Town of Oakville	In Process	Not Started						
Municipality Name	Status of Official Plan Conformity Exercise (Select a status from drop down list)	Status of Zoning By-law Conformity Exercise (Select a status from drop down list)																																				
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Town of Halton Hills	Not Started	Not Started																																				
City of Burlington	In Process	Not Started																																				
Town of Oakville	In Process	Not Started																																				
			Reporting Frequency: Ongoing (annually) or until such time all applicable municipalities have completed their conformity exercise																																			
Education & Outreach (E&O)	Source Protection Authority & Source Protection Programs Branch	23a	<p>Indicate the methods by which education and outreach policies have been/are being implemented in the source protection region/area by all the relevant implementing bodies from the checklist below. Choose all that apply.</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> use of educational materials for general public (e.g., "Source Water Protection - 2018 resources" on Conservation Ontario's website) <input checked="" type="checkbox"/> use of educational materials for target audiences including developers, builders, landowners, farmers, etc. (e.g., "Source Water Protection - 2018 resources" on Conservation Ontario's website) <input checked="" type="checkbox"/> workshops <input checked="" type="checkbox"/> site visits <input checked="" type="checkbox"/> source protection content for websites <input checked="" type="checkbox"/> educational videos (e.g., Drinking Water Source Protection video available Conservation Ontario) <input type="checkbox"/> podcasts <input checked="" type="checkbox"/> collaboration with other bodies (e.g., ministries, local organizations, etc.) <input type="checkbox"/> social media promotion (e.g., use of Facebook, Twitter, Instagram, etc.) <input checked="" type="checkbox"/> media advertising (e.g., print media, radio, television) in news media and/or industry/stakeholder specific publications <input checked="" type="checkbox"/> integration with other outreach programs or campaigns (e.g., Community Environment Days, etc.) <input type="checkbox"/> articles in publications <input checked="" type="checkbox"/> information kiosks at events/festivals <input type="checkbox"/> methods for implementing Education and Outreach not yet determined 			N/A	N/A	N/A	N/A																													
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	Source Protection Authority	23b	<p>From among the method(s) used to implement education & outreach policies by the source protection authority, specifically, indicate the top one(s) used (please limit the selection of the top methods used to three choices) that were found to be the most successful in meeting the intent of education and outreach policies (i.e., gains in source protection knowledge, behaviour changes and/or commitments to maintain actions that are protective of source water). Then, briefly explain how success was evaluated and any results achieved (e.g., landowners understand they are within or adjacent to a vulnerable area or highly vulnerable aquifer, classroom presentations on protecting water sources made to over 25 schools across source protection region reaching 750 students, farm operators install signs to identify areas to avoid nutrient application, homeowners pledge to properly dispose of hazardous waste products, etc.).</p> <table border="1"> <thead> <tr> <th>Method(s) of implementation - Pick up to 3 of the most successful methods used by source protection authority</th> <th>Brief explanation of most successful education & outreach method(s) used – evaluation and results achieved (Maximum = 150 words for each response)</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> use of educational materials for general public (e.g., “Source Water Protection - 2018 resources” on Conservation Ontario’s website)</td> <td></td> </tr> <tr> <td><input type="checkbox"/> use of educational materials for target audiences including developers, builders, landowners, farmers, etc. (e.g., “Source Water Protection - 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Signage	Source Protection Authority & Source Protection Programs Branch	24	<p>Complete the table below to indicate the number of source water protection signs that have been installed in the source protection region/area for this reporting period (i.e., annual count for the 2018 calendar year) and since the effective date of the source protection plan (i.e., cumulative count up to December 31, 2017).</p> <table border="1"> <thead> <tr> <th>Time Period</th> <th>Number of signs installed on provincial highways</th> <th>Number of signs installed on municipal roads</th> <th>Number of signs at other locations (if applicable)</th> <th>TOTAL</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				Time Period	Number of signs installed on provincial highways	Number of signs installed on municipal roads	Number of signs at other locations (if applicable)	TOTAL						L	Total number of source water protection signs installed within 5-10 years of plan approval.	Increasing number of source protection signs installed in the first 5-10 years of plan	S (#1, #2) M (#3, #4, #6) L (#8, #9, #10)																		
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				Cumulative	2	20	0	22																												
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Incentives	Source Protection Authority & Source Protection Programs Branch	25	<p>[OPTIONAL] If applicable to the source protection region/area, complete the table below indicating the type of incentive(s) (e.g., prescribed instrument application fees waived, funding, other non-financial incentives, etc.) that was made available (whether as a policy in the source protection plan or not), the source that provided the incentive(s), the prescribed drinking water threat activity(ies) to which it relates, the degree to which the incentive(s) assisted with the implementation of source protection plan policies that address significant drinking water threat activity(ies), and include any comments. Use a single row to describe each type of incentive and insert additional rows if necessary in the table below.</p> <table border="1"> <thead> <tr> <th>Type of Incentive</th> <th>Source of Incentive (i.e., Municipality, Conservation Authority, Provincial Ministry(ies), Other (please specify))</th> <th>Prescribed Drinking Water Threat(s) Addressed</th> <th>Degree to which incentive(s) assisted with the implementation of source protection plan policies addressing significant drinking water threats</th> <th>Comments</th> </tr> </thead> <tbody> <tr> <td>Well Decommissioning</td> <td>Municipal</td> <td>Transport Pathways</td> <td> <input type="checkbox"/> Full degree <input type="checkbox"/> Significant/large degree <input type="checkbox"/> Moderate degree <input type="checkbox"/> Some degree <input checked="" type="checkbox"/> Limited degree </td> <td></td> </tr> <tr> <td>Toilet Rebate Program</td> <td>Municipal</td> <td>Consumptive water use</td> <td> <input type="checkbox"/> Full degree <input type="checkbox"/> Significant/large degree <input type="checkbox"/> Moderate degree <input checked="" type="checkbox"/> Some degree <input type="checkbox"/> Limited degree </td> <td></td> </tr> <tr> <td>Rain barrel sales</td> <td>Municipal</td> <td>Consumptive water use</td> <td> <input type="checkbox"/> Full degree <input type="checkbox"/> Significant/large degree <input type="checkbox"/> Moderate degree <input checked="" type="checkbox"/> Some degree <input type="checkbox"/> Limited degree </td> <td></td> </tr> <tr> <td>Backflow prevention program</td> <td>Municipal</td> <td>STP bypasses</td> <td> <input checked="" type="checkbox"/> Full degree <input type="checkbox"/> Significant/large degree <input type="checkbox"/> Moderate degree <input type="checkbox"/> Some degree <input type="checkbox"/> Limited degree </td> <td></td> </tr> </tbody> </table>					Type of Incentive	Source of Incentive (i.e., Municipality, Conservation Authority, Provincial Ministry(ies), Other (please specify))	Prescribed Drinking Water Threat(s) Addressed	Degree to which incentive(s) assisted with the implementation of source protection plan policies addressing significant drinking water threats	Comments	Well Decommissioning	Municipal	Transport Pathways	<input type="checkbox"/> Full degree <input type="checkbox"/> Significant/large degree <input type="checkbox"/> Moderate degree <input type="checkbox"/> Some degree <input checked="" type="checkbox"/> Limited degree		Toilet Rebate Program	Municipal	Consumptive water use	<input type="checkbox"/> Full degree <input type="checkbox"/> Significant/large degree <input type="checkbox"/> Moderate degree <input checked="" type="checkbox"/> Some degree <input type="checkbox"/> Limited degree		Rain barrel sales	Municipal	Consumptive water use	<input type="checkbox"/> Full degree <input type="checkbox"/> Significant/large degree <input type="checkbox"/> Moderate degree <input checked="" type="checkbox"/> Some degree <input type="checkbox"/> Limited degree		Backflow prevention program	Municipal	STP bypasses	<input checked="" type="checkbox"/> Full degree <input type="checkbox"/> Significant/large degree <input type="checkbox"/> Moderate degree <input type="checkbox"/> Some degree <input type="checkbox"/> Limited degree		N/A	N/A	N/A	N/A
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Sewage System Inspections – Ontario Building Code (OBC)	Source Protection Authority	26a	How many on-site sewage systems in the source protection area require inspections in accordance with the Ontario Building Code (i.e., once every five years)? <u>112</u>					M	Percentage of on-site sewage systems that are inspected as part of the mandatory septic inspections program where they are a significant threat.	100% of on-site sewage systems where they are a significant threat are inspected once every 5 years.	S (#2) M (#5, #6) L (#9, #10)																									
	Source Protection Authority	26b	<p>(i) Of these, how many on-site sewage systems (identified as significant drinking water threats) were inspected (i.e., cumulative running tally of systems inspected)? <u>110</u></p> <p>(ii) If not all required on-site sewage systems were inspected, please indicate why they were not all inspected from among the options below:</p> <p><input type="checkbox"/> on-site sewage system(s) is newly constructed and therefore not captured in the first round of inspections</p> <p><input checked="" type="checkbox"/> landowner refused entry, compliance order being sought</p>																																	

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			<input type="checkbox"/> municipality has not yet initiated inspection program Reporting Frequency: Ongoing (annually)																									
	Source Protection Authority	26c	How many of the on-site sewage systems inspected required: <ul style="list-style-type: none"> minor maintenance work (e.g., pump out, etc.)? <u>108</u> major maintenance work (e.g., tank replacement, etc.)? <u>2</u> Reporting Frequency: Ongoing (annually)																									
Environmental monitoring for drinking water issues	Source Protection Authority	27	If applicable to the source protection region/area, complete the table below. Optional: Describe the actions/behavioural changes in the issue contributing area that might be contributing to the changes.			N	Number of identified issues showing improvements in concentration(s) and/or trend(s).	Improvements over time in the concentration or loadings of contaminant(s)/issue(s) of concern in sources of drinking water.	S (#1, #2) M (#4, #5, #6, #7) L (#10)																			
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Transport pathways	Source Protection Authority	28a	How many notices about transport pathways (meaning a condition of land resulting from human activity (e.g., pits and quarries, improperly abandoned wells, geothermal system, etc.) that increases the vulnerability of a raw water supply of a drinking water system) did the source protection authority receive from municipalities in this reporting period (as per O. Reg. 287/07, ss. 27(3))? <u>0</u> Reporting Frequency: Ongoing (annually)			N/A	N/A	N/A	N/A																			

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	Source Protection Authority	28b	Where transport pathway notices were received, indicate the action(s) taken by the source protection region/area in response to receiving these notices: <input type="checkbox"/> Provided information to municipalities about changes in vulnerability <input type="checkbox"/> Provided notice to Source Protection Committee for information <input type="checkbox"/> Situation continues to be monitored Reporting Frequency: Ongoing (annually)																																				
	Source Protection Authority	29	[OPTIONAL]: Indicate specific actions taken by any person or body to reduce the impacts that transport pathways could have on sources of drinking water. <input checked="" type="checkbox"/> Funding made available for proper well decommissioning <input type="checkbox"/> Municipality decommissioning wells in accordance with O. Reg. 903 <input type="checkbox"/> Private landowners decommissioning wells in accordance with O. Reg. 903 Reporting Frequency: Annually or when warranted																																				
Positive impact examples for each of the following policy tools or topics (e.g., road salt management, transport pathways, spills response, water quantity, Great Lakes, any "other" policy)	Source Protection Authority & Source Protection Programs Branch	30	[OPTIONAL: If and where there are successful examples for each of the following initiatives in the source protection region/area (including from local municipalities, residents and businesses) that the authority wishes to highlight, include its details in the table below. Please limit the descriptions provided (e.g., one example for each topic or more could be included when the source protection authority feels they are exceptional/quite successful).]			N/A	No measure. Could use in public reporting vignettes to highlight successful initiatives.	N/A	N/A																														
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Enumerated threats:		31a	Complete the table below by first indicating which of the listed significant drinking water threats were being engaged in (i.e., enumerated as 'existing' significant threats/threats) at the time of source protection plan approval. Then, using the formula for the running tally of enumerated			O	Percent of significant drinking	100% of significant	M (#5, #6)																														

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progress made in addressing significant threats engaged in at time of source protection plan approval (i.e., enumerated as 'existing')	Source Protection Authority		<p>threats as explained below, complete the columns in the table with the information for each significant drinking water threat indicated as existing in the source protection region/area.</p> <p>Lead source protection authorities will be maintaining a running tally of progress made in addressing significant threats that were on the ground before plans were approved. See Guidance document for additional details. The running tally consists of the formula: A+B-C-D where:</p> <ul style="list-style-type: none"> A = Original estimate of significant drinking water threats engaged in/enumerated when source protection plan approved B = Additional significant drinking water threats identified after first source protection plan approved as a result of field verification (i.e., <u>not</u> part of original estimate of significant drinking water threat) C = Significant drinking water threats included in enumeration estimates at time of plan approval but subsequently determined through field verification that: (i) it was not actually engaged in at a particular location after all OR (ii) it was no longer engaged in (e.g., land may still have an agricultural operation but owner no longer applying pesticides for their own reasons) D = Significant drinking water threats addressed because policy is implemented* (*Note: Where multiple policy tools address any given threat sub-category, implemented means that actions associated with at least one policy tool have been completed/are in place.) Source protection authorities may use their local discretion in which policy tool they wish to reflect as being implemented. 				water threats that existed in the area when the source protection plan was approved and that have been addressed (i.e., eliminated or managed).	drinking water threats that existed in the area when the source protection plan was approved and that have been addressed (i.e., eliminated or managed).	L (#8, #10)																																																																																																																																																
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Reportable theme	Who ¹ compiles this information?	ID	Reportables							Performance Measures			Outcomes ² (S, M, L)	
			ID	Measure	Target/Trend									
			21	<input type="checkbox"/> Reducing recharge of an aquifer	0	0	0	0	0					
			22	<input type="checkbox"/> Establishment and operation of a liquid hydrocarbon pipeline	NA	NA	NA	NA	NA					
				<input checked="" type="checkbox"/> Local threat #1 (if applicable, please specify) <u>hydrocarbon pipelines that cross waterbodies</u>	22	0	0	22	0					
				<input type="checkbox"/> Local threat #2 (if applicable, please specify) _____										
				<input type="checkbox"/> Local condition #1 (if applicable, please specify) _____										
				<input type="checkbox"/> Local condition #2 (if applicable, please specify) _____										
			TOTAL											
			Reporting Frequency: Ongoing (annually)											
	Source Protection Authority	31b	Please provide comments below to explain the overall progress made in addressing these significant threats. Include the percentage of overall progress made in the comments provided. The percentage of overall progress made in addressing local threats and conditions that are taking place on the landscape is determined by taking the total number in column D (i.e., significant drinking water threat addressed because policy is implemented) from the table above (reportable #39a) and dividing it into the number that is derived by adding the total numbers in columns A and B and then subtracting this sum total from the total in column C. In other words, overall progress made = D/A+B-C. COMMENTS: Overall progress made is 84%, an increase of 14% in 2018.											
			Reporting Frequency: Ongoing (annually)											
Assessment report information gaps (as per ss. 52(1), p. 2 of O. Reg. 287/07)	Source Protection Authority	32	If applicable to the assessment report in your source protection region/area, provide a summary of steps taken to further assess or implement the work plans through amendments carried out under section 34 or section 36 of the <i>Clean Water Act</i> for the following:							N/A	N/A	N/A	N/A	
			Technical rule #30.1: Water Budget Tier 3		Technical rule #50.1: GUDI for WHPA-E or F		Technical rule #116: Issue Contributing Area							
			NA		NA		NA							
			Reporting Frequency: Annually until all applicable work plans have been implemented.											
Other reporting items (as per ss. 52(1), p. 4 of O. Reg. 287/07)	Source Protection Authority	33	Does the source protection authority have any other item on which it wishes to report? If so, please explain. RESPONSE: The SPC Communication Plan was initiated in 2018 with the Chair and one SPC member appearing on Cable 14 City Matters program to highlight the source protection program and protection of our drinking water sources, presenting to the Rotary Club of Burlington, and meeting with two local MPPs. All participants found the outreach informative and an effective way to improve awareness of the program.							N/A	N/A	N/A	N/A	
			Reporting Frequency: Annually when applicable											
Source protection outcomes	Source Protection Authority	34	What positive outcomes (e.g., less water consumption, changes in behaviour, reduction in phosphorus and nitrogen concentrations, less chloride from road salt, reduction in algal blooms, human health protected, etc.), if any, have potentially resulted from the implementation of source protection plan policies? Please describe the outcomes below. RESPONSE: There is an increased awareness of the impacts from the excessive use of road salt. There is improved coordination of knowledge within municipalities to protect drinking water sources and procedures that resulted in over 600 development applications being screened to protect water resources.							P	Percentage of Source Protection Committees indicating that plan implementation may be a contributing factor to positive drinking water outcomes.	Increasing over time.	M (#4, #5, #6) L (#9, #10)	
			Reporting Frequency: Ongoing (annually)											
Achievement of source		35a	In the opinion of the Source Protection Committee, to what extent have the objectives of the source protection plan been achieved in this reporting period?							Q	Percentage of Source Protection	Increasing over time.	S (#1, #2)	

Reportable theme	Who ¹ compiles this information?	ID	Reportables	Performance Measures			Outcomes ² (S, M, L)
				ID	Measure	Target/Trend	
protection plan objectives (as per ss. 46(3) of the <i>Clean Water Act</i>)	Source Protection Authority		<input checked="" type="checkbox"/> Progressing Well/On Target - The majority of the source protection plan policies have been implemented and/or are progressing well <input type="checkbox"/> Satisfactory - Some of the source protection plan policies have been implemented and/or are progressing well <input type="checkbox"/> Limited Progress made - A few of source protection plan policies have been implemented and/or are progressing well Reporting Frequency: Ongoing (annually)		Committees indicating that the objectives of the source protection plan are progressing well/on target.		M (#4, #5, #6, #7) L (#9, #10)
	Source Protection Authority	35b	Please provide comments to explain how the Source Protection Committee arrived at its opinion. Include a summary of any discussions that might have been had amongst the Source Protection Committee members, especially where no consensus was reached. COMMENTS: The SPC was provided draft copies of the Annual Progress Report and the Supplemental Form on March 6 and 8, 2019. They met on March 19, 2019 to discuss plan implementation progress and their response for Part II of the Annual Progress Report. The Chair of the Committee drafted a response and following discussion the members agreed on the final version of the text and the ranking. Reporting Frequency: Ongoing (annually)				