

Information Report



Service Area Infrastructure, Development and Enterprise Services

Date Friday, February 24, 2017

Subject Source Protection Plan Annual Reporting

Report Number IDE 17-40

Executive Summary

Purpose of Report

To provide the first set of annual reports required under Section 81 of the Clean Water Act as provided to the Lake Erie Source Protection Authority including a summary of the Source Water Protection Program accomplishments in 2016 and the next steps for program implementation.

Key Findings

In accordance with Section 81 of the Clean Water Act, 2006, two annual reports were delivered to the Lake Erie Source Protection Authority on February 1, 2017. These include Risk Management Office Report and the Municipal Implementation Report.

The City is the primary implementing body for 48 of the 72 policies with the remaining policies to be implemented by provincial ministries. As of February 1, 2017, 21 of the 48 policies have been fully implemented, based on a priority basis or deadline. Progress is underway on the remaining policies.

Staff are continuing to work collaboratively with municipal partners in the development and refinement of the LSWIMs (Lake Erie Sourcewater Information Management system) which is being used to manage the information management aspects of the program.

For 2017, staff will continue to work on threat verification for properties identified as significant drinking water threats in the Approved Assessment Report (2012). Other initiatives will include the evaluation of risk management measures for water quantity and the development of water quantity policies in consultation with the **City's neighbouring Townships**, under the Tier 3 Water Quantity Study and the development of education and outreach programs that are required under the Approved Grand River Source Protection Plan.

Financial Implications

All related work funded by the City has been and will continue to be funded through the approved Water Services Capital budget.

Report

The Clean Water Act (2006) established a process to create locally-developed Source Protection Plans for each watershed in Ontario. The Grand River Source Protection Plan contains policies to protect City of Guelph's drinking water sources and became effective on July 1, 2016. The Risk Management Official and Risk Management Inspector were appointed under subsection 47(6) of the Clean Water Act on May 27, 2016.

The City of Guelph is the implementing body responsible for a range of Source Protection Plan policies, from negotiating Risk Management Plans (RMPs) to providing education and outreach. The City of Guelph is required under the Clean Water Act to provide an update on the status of implementation of these policies to the Source Protection Authority by submitting two reports annually:

- **2016 Risk Management Official Annual Report (Attachment 1) -**
<http://guelph.ca/living/environment/water/source-water-protection-program>
This report focuses on the implementation of the policies under the jurisdiction of the City's Risk Management Official.
- **2016 Municipal Implementation Report (Attachment 2) -**
<http://guelph.ca/living/environment/water/source-water-protection-program>
This report focuses on the policies that the City is required to implement, including but not limited to, septic inspections, planning approval and building permit processes, and municipal operations.

The Grand River Source Protection Plan became effective on July 1, 2016, and as such, this is the first time that the City has submitted these implementation reports. The report content and annual timeframe for the Risk Management Official is set by regulation under the Clean Water Act. For the municipal report, the **Minister of the Environment and Climate Change's approval letter for the Grand River Source Protection Plan** requires the report from the Source Protection Authority to be submitted to MOECC by May 1, 2019. The 2016 reports contained herein are being submitted to the Source Protection Authority to help pilot and fine-tune the reporting process.

The annual reporting framework developed by MOECC, excluding that of the regulation-requirements of the Risk Management Official, consists of a total of 49 questions that will provide information from municipalities, Source Protection Authorities and provincial agencies with implementation responsibilities. A total of 18 questions or parts of questions are directed at the City of Guelph.

City's implementation approach focuses on highest priorities

The Grand River Source Protection Plan policies affect hundreds of properties within the City of Guelph and with current staff resources; full implementation will take approximately ten years. Therefore, to protect our water sources, the first six months of implementation focused on the following highest priorities:

- **Screening of planning and building permit applications:** On July 1, 2016, new processes and procedures were initiated to assess development (planning and building permit) applications for significant drinking water threats. This process is required under the Clean Water Act and staff are monitoring the process to ensure compliance and efficiency.

- **Negotiating Risk Management Plans for proposed activities:** Six of the development applications screened between July 1 and December 31, 2016 required the development of a Risk Management Plan due to activities that were considered significant drinking water threats. A Risk Management Plan requires and commits applicants to manage prescribed threat activities in ways that will protect local drinking water sources.
- **Preparing to negotiate Risk Management Plans for existing activities:** Staff are developing the action plan, including forms and schedules, to begin negotiating Risk Management Plans for existing activities. Properties will be prioritized based on their proximity to a municipal well and the type of threat activity present. This component of the program will begin in early 2017.

Summary of implementation highlights

Given that the City of Guelph is only six (6) months into a long-term program, many of the responses noted in the attachments indicate limited progress on implementation. Progress regarding implementation to date includes:

- Council appointed the Risk Management Official and Risk Management Inspector on May 27, 2016. These positions enable the City of Guelph to implement all of the Part IV powers, under Section 47(6) of the Clean Water Act.
- Council approved a full time Source Water Protection Program Coordinator position for the 2017 budget. This position was justified based on the current and projected workload associated with program implementation.
- The City has developed an Information Sharing Process in consultation with the Ministry of the Environment and Climate Change to facilitate exchange of information related to Condition Sites (properties that are significant drinking water threats resulting from past activities i.e. contaminated sites). This addresses Grand River Source Protection Plan Policy CG-NB-1.19.
- The City partnered in the development of an information management system, culminating in a signed Collaboration Agreement between: City of Guelph, Municipalities in Wellington County, Oxford County, Upper Thames River Conservation Authority and the Grand River Conservation Authority.
- Staff met monthly with representatives from Wellington County and Halton Region to ensure program coordination and implementation.
- The screening of development applications and building permit applications has included the successful review of 225 applications between July 1 and December 31, 2016.
- Staff from Building Services have undertaken 37 mandatory septic system inspections in well head protection areas as required under the Building Code. The compliance date for completing this work is September 2017 and it is anticipated that the remaining properties will be inspected within this timeframe.
- The City of Guelph and Guelph-Eramosa Township Tier 3 Water Budget and Water Quantity Risk Assessment has been completed and the results will soon be available to the public and posted to the Grand River Source Protection Region website. The evaluation of water quantity risk management measures has been initiated and will be completed in 2017 and the development of water quantity policies will be initiated in 2017.

- As per the plan, the implementation of Source Protection Plan policies for properties where only education and awareness policies apply will not be fully implemented until 2021. Preliminary internal scoping meetings are scheduled for Q1 of 2017.

A summary of progress for each policy is provided in Attachment 3

Next Steps

Source Water Protection staff will be carrying out on-site inspections of businesses that were originally flagged as significant drinking water threats in the Approved Assessment Report (2012). A desktop review was conducted in 2010 to provide an initial inventory of potential significant drinking water threats and was conservative in the approach taken to enumerate the threats. Staff will be carrying out on-site inspections on a **priority basis with properties closest to the City's municipal wells** being addressed first to confirm the details from the initial inventory. It is expected that the total number of significant drinking water threats identified in 2010 will be reduced as a result of the field confirmations that will take place in 2017.

The Risk Management Official will continue to negotiate Risk Management Plans that are required under the Clean Water Act. This will be identified during the development application and building permit stages for new development, and as identified during the field confirmations noted above.

Source Water Protection Program staff working with the Source Protection Authority and County of Wellington will advance the development of water quantity policies using priority rankings, risk management measures, stakeholder consultation and public communications with the goal of submitting draft policies to the MOECC in 2018.

Source Water Protection Program staff will also undertake with Communications and Water Services staff, the development of the various Education and Outreach programs that are required under the Grand River Source Protection Plan.

Financial Implications

All Source Water Protection Program work funded by the City has been and will continue to be funded through the approved 2017 Water Services Capital budget.

Consultations

The MOECC developed the annual report templates in consultation with stakeholders involved in the program from across the province. The City of Guelph participated in several Lake Erie Source Protection Region Implementation Working Group sessions providing input and feedback on the prototype annual report template.

Corporate Administrative Plan

Overarching Goals

Service Excellence
Innovation

Service Area Operational Work Plans

Our Services - Municipal services that make lives better
Our People- Building a great community together
Our Resources - A solid foundation for a growing city

Attachments

- ATT-1 Risk Management Official Annual Report - the full report is available on the City's website at: <http://guelph.ca/living/environment/water/source-water-protection-program>
- ATT-2 Municipal Annual Report – the full report is available on the City's website at: <http://guelph.ca/living/environment/water/source-water-protection-program>
- ATT-3 Summary of Implementation Progress - available on the City's website at: <http://guelph.ca/living/environment/water/source-water-protection-program/source-water-protection-program-resources/>

Departmental Approval

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Annual Progress Reporting for Source Protection

Risk Management Official (RMO) Annual Report Spreadsheet Version 3.0

This template is being provided to satisfy the Risk Management Official (RMO) annual reporting requirements of the Source Protection Plans in the Lake Erie Source Protection Region, in accordance with Section 81 of the Clean Water Act, 2006. Section 65 (1) of O. Reg 287/07 specifies the information that must be contained in the Annual Report. RMOs with responsibilities in multiple Source Protection Regions should check with the other regions for their reporting requirements. The RMO Annual Report is comprised of this Respondent Information worksheet and nine (9) worksheets containing the legislated reportables.

Note: When filling in worksheet tables, if a specific property has more than one activity, protection zone, Prescribed Instrument, etc. associated with it, please add multiple rows as the dropdown lists only allow the user to choose one option per row.

Source Protection Area

Grand River Source Protection Area ▼

Name of Municipality

Guelph, City of ▼

Name of Municipal Staff Contact

Peter Rider

Email Address of Municipal Staff Contact

peter.rider@guelph.ca

Submitted By (Name of Organization)

City of Guelph

Submitted By (Name of Individual)

Peter Rider

Email Address of Submitter

peter.rider@guelph.ca

Reporting Period

Start of Period ▼

End of Period ▼

Submission Date ▼

RMO-1 Was a municipal by-law passed to appoint the RMO / Alternate RMO / RMIs?

- No
- Yes

By-Law Number(s):

RMO-2 Provide the following information for RMOs and RMIs:

Add Row Add Multiple Rows Remove Blank Rows					
Staff Name	Organization	Title/Role	Contact Email	RMO/RMI Training Date	Property Entry Training Date
Peter Rider	City of Guelph	RMO	peter.rider@guelph.ca	2017/10/01	2017/11/01
Prasoon Adhikari	City of Guelph	RMI	prasoon.adhikari@guelph.ca	2020/03/01	2020/03/01

1 Annual Report S. 65 (1) - Risk Management Plans Agreed or Established

0	The number of Risk Management Plans (RMP) agreed to by the RMO under subsection 56 (1) or 58 (5) of the Act.
0	The number of RMPs established by the RMO under subsection 56 (6), 58 (10) or (12) of the Act.

<div style="text-align: right;"> <input type="button" value="Add Row"/> <input type="button" value="Add Multiple Rows"/> <input type="button" value="Remove Blank Rows"/> </div>					
RMP #	Coordinates of the property to which the RMP relates.			The type of protection zone where the property is located.	The activity to which the RMP relates.
	Longitude / Easting / X-Coord	Latitude / Northing / Y-Coord	Coord System Info		
				- Please Select -	- Please Select -

2 Annual Report S. 65 (1) - Risk Management Plans Refused

The number of RMPs the RMO refuses to agree to or to establish under subsection 56 (9), 58 (15) or (16) of the Act.

<div style="text-align: right; margin-bottom: 0;"> <input type="button" value="Add Row"/> <input type="button" value="Add Multiple Rows"/> <input type="button" value="Remove Blank Rows"/> </div>					
Coordinates of the property to which the RMP would relate.			The type of protection zone where the property is located.	The activity to which the RMP relates.	A brief description of the reason for the refusal.
Longitude / Easting / X-Coord	Latitude / Northing / Y-Coord	Coord System Info			
			- Please Select -	▼ - Please Select -	

3 Annual Report S. 65 (1) - Orders

The number of orders issued under Part IV of the Act.

						Add Row	Add Multiple Rows	Remove Blank Rows
Order #	Coordinates of the property to which the Order relates.			The type of protection zone where the property is located.	The activity to which the Order relates.	A brief description of the circumstances related to the order.		
	Longitude / Easting / X-Coord	Latitude / Northing / Y-Coord	Coord System Info					
				- Please Select -	▼ - Please Select -			

4 Annual Report S. 65 (1) - Notices

0	The number of notices given TO the risk management official under subsections 61 (2), (7) and (10).
0	The number of notices given BY the risk management official under subsections 61 (2), (7) and (10).

<input type="button" value="Add Row"/> <input type="button" value="Add Multiple Row"/> <input type="button" value="Remove Blank Rows"/>								
Notice #	Did RMO RECEIVE the Notice or GIVE the Notice?	Coordinates of the property to which the Notice relates.			The type of protection zone where the property is located.	The activity to which the Notice relates.	The type of prescribed instrument, if any, referred to in the notice.	Additional information to identify the prescribed instrument, if
		Longitude / Easting / X-Coord	Latitude / Northing / Y-Coord	Coord System Info				
	- Please Select -				- Please Select -	- Please Select -	- Please Select -	

5 Annual Report S. 65 (1) - Inspections

0	A. The number of inspections carried out under section 62 of the Act.
0	B. The number of inspections carried out in respect of an activity to which section 56 of the Act applies
0	C. The number of those cases in which the person was not complying with a risk management plan agreed
4	D. The number of inspections carried out in respect of an activity to which section 58 of the Act applies
0	E. The number of those cases in which the person was not complying with a risk management plan agreed
0	F. The number of those cases in which the person was carrying out an activity in contravention of
0	G. The number of inspections carried out in respect of an activity to which section 57 of the Act applies
0	H. The number of those cases in which the person was carrying out an activity in contravention of

<input type="button" value="Add Row"/> <input type="button" value="Add Multiple Rows"/> <input type="button" value="Remove Blank Rows"/>	
Inspection #	The activity to which the inspection relates.
1	Storage Of Fuel
2	Storage Of A Dense Non Aqueous Phase Liquid (DNAPL)
3	Storage Of A Dense Non Aqueous Phase Liquid (DNAPL)
4	Storage Of A Dense Non Aqueous Phase Liquid (DNAPL)

6 Annual Report S. 65 (1) - Risk Assessments

0	The number of risk assessments submitted under section 60 of the Act.
0	The number of risk assessments accepted.
	The number of risk assessments not accepted.

<input type="button" value="Add Row"/> <input type="button" value="Add Multiple R"/> <input type="button" value="Remove Blank Rows"/>					
Risk Assessment #	Coordinates of the property to which the Risk Assessment relates.			The type of protection zone where the property is located.	The activity to which the Risk Assessment relates.
	Longitude / Easting / X-	Latitude / Northing / Y-	Coord System Info		
				- Please Select -	- Please Select -

7 Annual Report S. 65 (1) - Causing a Thing to be Done

The number of times the RMO caused a thing to be done under s.64 of the Act.

<div style="text-align: right;"> <input type="button" value="Add Row"/> <input type="button" value="Add Multiple Rows"/> <input type="button" value="Remove Blank Rows"/> </div>					
Notice #	Coordinates of the property to which the notice under Section 64 relates.			The type of protection zone where the property is located.	The activity to which the notice under section 64 of the Act relates.
	Longitude / Easting / X-Coord	Latitude / Northing / Y-Coord	Coord System Info		
				- Please Select -	- Please Select -

8 Annual Report S. 65 (1) - Prosecutions

The total number of prosecutions.	0
The number of prosecutions that resulted in a conviction under section 106 of the	0

Remove Blank Rows	
For each prosecution: in point form, provide a brief description of each offense.	Did the corresponding prosecution result in a conviction? Check if yes.
	<input type="checkbox"/>

Question_ID	Description	Response	Allowed_Values
A_01	SPA	Grand River Source Protection Area	NULL, or value from drop down list
A_02	MunName	Guelph, City of	NULL, or value from drop down list
A_03	MunContact	Peter Rider	NULL, or any non-blank value
A_04	MunEmail	peter.rider@guelph.ca	NULL, or any non-blank value
A_05	SubmitOrg	City of Guelph	NULL, or any non-blank value
A_06	SubmitName	Peter Rider	NULL, or any non-blank value
A_07	SubmitEmail	peter.rider@guelph.ca	NULL, or any non-blank value
A_08	PeriodStart	May 27, 2016	NULL, or Date "January 1, 1900" format
A_09	PeriodEnd	December 31, 2016	NULL, or Date "January 1, 1900" format
A_10	SubmissionDate	December 31, 2016	NULL, or Date "January 1, 1900" format
C_RMO-1a	RMOByLawY/N	NO	YES or NO
C_RMO-1b	RMOByLaws	N/A	N/A, NULL, or any non-blank value
C_T1_A	#AgreedRMP		0 NULL, or integer >= 0
C_T1_B	#EstablishRMP		0 NULL, or integer >= 0
C_T2_A	#RefuseRMP		0 NULL, or integer >= 0
C_T3_A	#Orders		0 NULL, or integer >= 0
C_T4_A	#NoticeToRMO		0 NULL, or integer >= 0
C_T4_B	#NoticeByRMO		0 NULL, or integer >= 0
C_T5_A	#S62Inspect		0 NULL, or integer >= 0
C_T5_B	#S56Inspect		0 NULL, or integer >= 0
C_T5_C	#S56RMPNoComply		0 NULL, or integer >= 0; must be equal or less than question T5_B
C_T5_D	#S58Inspect		4 NULL, or integer >= 0
C_T5_E	#S58RMPNoComply		0 NULL, or integer >= 0; must be equal or less than question T5_D
C_T5_F	#S58NoComply		0 NULL, or integer >= 0; must be equal or less than question T5_D
C_T5_G	#S57Inspect		0 NULL, or integer >= 0
C_T5_H	#S57NoComply		0 NULL, or integer >= 0; must be equal or less than question T5_G
C_T6_A	#RiskAssessment		0 NULL, or integer >= 0
C_T6_B	#Accept		0 NULL, or integer >= 0
C_T6_C	#NotAccept		NULL, or integer >= 0

C_T7_A	#Things	0	NULL, or integer >= 0
C_T8_A	#Prosecute	0	NULL, or integer >= 0
C_T8_B	#Convict	0	NULL, or integer >= 0; must be equal or less than question T8_A

C_RMO2_R1_			
C1	StaffName	Peter Rider	
C_RMO2_R1_			
C2	Organization	City of Guelph	
C_RMO2_R1_			
C3	Title	RMO	
C_RMO2_R1_			
C4	Email	peter.rider@guelph.ca	
C_RMO2_R1_			
C5	RMOTrain	October 01, 2017	
C_RMO2_R1_			
C6	EntryTrain	November 01, 2017	
C_T1_R1_C1	RMP#	NULL	
C_T1_R1_C2	CoordX	NULL	
C_T1_R1_C3	CoordY	NULL	
C_T1_R1_C4	CoordInfo	NULL	
C_T1_R1_C5	ZoneType	NULL	
C_T1_R1_C6	Activity	NULL	
C_T2_R1_C1	CoordX	NULL	
C_T2_R1_C2	CoordY	NULL	
C_T2_R1_C3	CoordInfo	NULL	
C_T2_R1_C4	ZoneType	NULL	
C_T2_R1_C5	Activity	NULL	
C_T2_R1_C6	Descrip	NULL	
C_T3_R1_C1	Order#	NULL	
C_T3_R1_C2	CoordX	NULL	
C_T3_R1_C3	CoordY	NULL	
C_T3_R1_C4	CoordInfo	NULL	
C_T3_R1_C5	ZoneType	NULL	
C_T3_R1_C6	Activity	NULL	
C_T3_R1_C7	Descrip	NULL	
C_T4_R1_C1	Notice#	NULL	
C_T4_R1_C2	Give/Rcve	NULL	

C_T4_R1_C3	CoordX	NULL	
C_T4_R1_C4	CoordY	NULL	
C_T4_R1_C5	CoordInfo	NULL	
C_T4_R1_C6	ZoneType	NULL	
C_T4_R1_C7	Activity	NULL	
C_T4_R1_C8	PresclInstr	NULL	
C_T4_R1_C9	Info	NULL	
C_T5_R1_C1	Inspect#		1
C_T5_R1_C2	Activity	Storage Of Fuel	
C_T6_R1_C1	RiskAssess#	NULL	
C_T6_R1_C2	CoordX	NULL	
C_T6_R1_C3	CoordY	NULL	
C_T6_R1_C4	CoordInfo	NULL	
C_T6_R1_C5	ZoneType	NULL	
C_T6_R1_C6	Activity	NULL	
C_T7_R1_C1	Notice#	NULL	
C_T7_R1_C2	CoordX	NULL	
C_T7_R1_C3	CoordY	NULL	
C_T7_R1_C4	CoordInfo	NULL	
C_T7_R1_C5	ZoneType	NULL	
C_T7_R1_C6	Activity	NULL	
C_T8_R1_C1	ProsctDesc	NULL	
C_T8_R1_C2	ConvictY/N	NO	
C_RMO2_R2_C1	StaffName	Prasoon Adhikari	
C_RMO2_R2_C2	Organization	City of Guelph	
C_RMO2_R2_C3	Title	RMI	
C_RMO2_R2_C4	Email	prasoon.adhikari@guelph.ca	
C_RMO2_R2_C5	RMOTrain	March 01, 2020	
C_RMO2_R2_C6	EntryTrain	March 01, 2020	
C_T5_R2_C1	Inspect#		2

C_T5_R2_C2	Activity	Storage Of A Dense Non Aqueous Phase	
C_T5_R3_C1	Inspect#	Storage Of A Dense	3
C_T5_R3_C2	Activity	Non Aqueous Phase	
C_T5_R4_C1	Inspect#	Storage Of A Dense	4
C_T5_R4_C2	Activity	Non Aqueous Phase	

Annual Progress Reporting for Source Protection

Municipal Annual Report

Spreadsheet Version 6.0

This template is being provided to satisfy the reporting requirements of the Annual Progress Reporting Supplemental Form for Source Protection, in accordance with the regulations under the Clean Water Act, 2006 and Director's instructions established under O. Reg 287/07, and monitoring policies contained in Lake Erie Region's Source Protection Plans. The questions in this template follow the Ministry of the Environment and Climate Change's identification system.

Source Protection Area

- Please Select -

Name of Municipality

Guelph, City of

Name of Municipal Staff Contact

Peter Rider

Email Address of Municipal Staff Contact

peter.rider@guelph.ca

Submitted by (Name of Organization)

City of Guelph

Submitted by (Name of Individual)

Peter Rider

Email Address of Submitter

peter.rider@guelph.ca

Reporting Period

Start of Period

End of Period

Submission Date

2a Complete the tables below to indicate the implementation status of various policies in the SPP.

Table 1: Implementation status of policies that address significant drinking water threat activities

Implementation Status Category	Percentage of Plan Policies
Implemented*	60%
In progress / some progress made	40%
Not implemented / no progress made	0%
No information available	
Total	100%

* The term "implemented" means that action was taken and fully completed.

Table 3: Implementation status of municipal policies (i.e., transport pathway, general E&O, some specify action etc.) not directly associated with addressing specific drinking water threat activities

Implementation Status Category	Percentage of Plan Policies
Implemented*	0%
In progress / some progress made	71%
No information available	29%
No response required / not applicable	
Total	100%

* The term "implemented" means that action was taken and fully completed.

Include any comments below, if needed, to explain any of the data reported in the tables above.

2b Summarize the reasons for any above results recorded as being "Not implemented/no progress made" and/or "no information available", by completing the table below with the following details. Add rows using buttons below as needed.

<div style="display: flex; justify-content: space-around; align-items: center;"> Add Row Add Multiple Rows Remove Blank Rows </div>			
Policy ID	Implementing Body	Explanation of why actions were not taken by the person(s) or body(ies)	Outline next steps to support implementation
CG-CW-4	City of Guelph	Dealing with S.59 priorities for new development	
CG-CW-13	City of Guelph	Dealing with S.59 priorities for new development	

3d How many existing* significant drinking water threats have been managed through the established RMPs? (*Existing includes threats engaged in OR enumerated as existing significant threats at the time of SPP approval.)

1

5 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 CWA:

28

(ii) activities to which a risk management plan (section 58) policy applied, as per ss. 59(2)(b) of the CWA:

1

8 How many *existing* significant drinking water threats have been prohibited as a result of section 57 prohibitions?

0

9c Where there were cases of non-compliance with RMPs, describe, in general terms, how these cases were resolved.

No

23b Of the municipalities included in 23a, how many have:

0	(i) Completed OP conformity exercise
0	(ii) Completed ZBL conformity exercise
0	(iii) Completed OP conformity exercise but under appeal
0	(iv) Completed ZBL conformity exercise but under appeal
0	(v) OP conformity exercise in process
0	(vi) ZBL conformity exercise in process
1	(vii) Not started OP conformity exercise
1	(viii) Not started ZBL conformity exercise

24a (i) By what methods are/have E&O policies being/been implemented to raise knowledge and awareness about source water protection?

Please check all that apply.

- Development and distribution of educational materials for general public
- Development and distribution of educational materials for target audiences including developers, builders, landowners, farmers, etc.
- In-person workshops
- Site visits
- Source protection content for websites
- Educational videos (e.g., YouTube)
- Podcasts
- Collaboration with other bodies (e.g., ministries, local organizations, etc.)
- Other: Please specify:

Methods for implementing E&O not yet determined

(ii) Identify the ways in which outreach efforts were conducted to reach target audiences about source water protection? Please check all that apply.

- Social media promotion (e.g., use of Facebook, Twitter, Instagram, etc.)
- Traditional media advertising (e.g., print media, radio, television)
- Site visits
- Integration with other outreach programs or campaigns (e.g., Community Environment Days, etc.)
- Articles in publications
- Information kiosks at events/festivals
- Other: Please specify:

24b What is the average estimated percentage of the target audience reached by all applicable E&O policies in the SPP?

27b How many signs have been installed on municipal roads in the municipality during the reporting period (for the first report include any signs that may have been installed prior to the reporting period)?

27c Were signs installed at other locations in the municipality?

- Yes
- No

If yes, please explain below:

28a (i) Have surveys been conducted to gauge source protection knowledge and action?

- Yes
- No

28b Where survey(s) were conducted, complete the table below for each survey conducted to indicate the population group(s) targeted (e.g., farmers, fuel suppliers, population living within vulnerable area/zones, etc.) and to discuss the results including, where possible and available, any insights gained about source protection knowledge and any commitment made to changing behaviour that is protective of source waters. Add rows using buttons below as needed.

<div style="text-align: right;"><input type="button" value="Add Row"/> <input type="button" value="Add Multiple Rows"/> <input type="button" value="Remove Blank Rows"/></div>		
Survey Name / Number	Population Group Targeted	Survey Results

29 If applicable, complete the table below indicating the type of incentive(s) that was made available (whether as a policy in the SPP 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 SPP policies that address significant drinking water threat activity(ies), and include any comments. Use a single row to describe each type of incentive (e.g. PI application fees waived, funding, other non-financial incentives, etc.). Add rows using buttons below as needed.

<div style="display: flex; justify-content: space-around; margin-bottom: 5px;"> Add Row Add Multiple Rows Remove Blank Rows </div>				
Type of Incentive	Source of Incentive (i.e., Municipality, Conservation Authority, Provincial Ministry(ies), Other (please specify)	Prescribed Drinking Water Threat	Degree to which incentive(s) assisted with the implementation of SPP policies addressing significant drinking water threats	Comments
			- Please Select - ▼	

32a How many on-site sewage systems require inspections in accordance with the Ontario Building Code (OBC)?

37

32b How many on-site sewage systems requiring inspections in accordance with the OBC (i.e., once every five years) have been inspected?

37

32c How many on-site sewage systems inspected in the reporting period required:

1 Minor maintenance work (e.g., pump out, etc.)?

1 Major maintenance work (e.g., tank replacement, etc.)?

33 If applicable, complete the table below, where information about drinking water issues is available. Begin by identifying the drinking water system(s) and any associated drinking water issue(s)/parameter(s) (chemical or pathogen) that have been identified, then whether an Issue Contributing Area (ICA) was delineated for the identified issue(s), and any observations in the concentration or trend for each issue. Optional: Describe the actions/behavioural changes in the ICA that might be contributing to the changes. Add rows as needed using buttons below.

Drinking Water System	Drinking Water Issue / Parameter	ICA delineated for this issue? Check if yes.	Observations	Actions/Behavioural Changes Contributing to Change in Observations (Optional)
Carter Wells	Nitrate	<input checked="" type="checkbox"/>	Not Enough Data / Information Available to Determine Changes in Concentration / Trend ▼	
Emma Well	TCE	<input checked="" type="checkbox"/>	Not Enough Data / Information Available to Determine Changes in Concentration / Trend ▼	
Membro Well	TCE	<input checked="" type="checkbox"/>	Not Enough Data / Information Available to Determine Changes in Concentration / Trend ▼	
Smallfield Well	TCE	<input checked="" type="checkbox"/>	Not Enough Data / Information Available to Determine Changes in Concentration / Trend ▼	

38b Of the upper-, lower-, and single-tier municipalities that this report is for, how many are integrating source protection into the business processes below? (Integration means that specific changes have been made to these municipal program areas (e.g., OP and ZBL amendments, inclusions of source protection in building permit application forms) as a direct result of source water protection.)

1	Municipal land use planning
1	Municipal building permits

38c Of the upper-, lower-, and single-tier municipalities that this report is for, how many are integrating source protection into the following business processes?

1	Staff involved with land use planning and/or section 59 policies trained in source protection
1	Staff guidance documents updated/produced for evaluating land use planning applications conforming with/having regard to source protection plan policies
1	Planning design and technical guidelines updated/produced for source protection considerations for applicants
0	Strategy and timeline established to undertake OP & ZBL conformity exercise
1	Planning documents updated
0	Planning maps/schedules updated to show vulnerable areas
0	Siting/placement of activities away from vulnerable areas
1	Complete planning application requirements (i.e., supporting documentation such as stormwater management plan, master environmental servicing plan, lot grading plan, etc. needed)
1	Procedures in place to flag where section 59 policies apply including mechanism/process to facilitate exchange of information about development application process and the issuance of section 59 notices
1	Steps taken (e.g., municipal by-law, conservation authority regulation, etc.) to reduce the number of applications that require RMO screening
1	Public works operations
0	Other. Please describe: _____
0	No changes made. Please explain: _____

39 Of the upper-, lower-, and single-tier municipalities that this report is for, how many have integrated/are integrating source protection knowledge/science into the following municipal program areas/activities. (Integration means that specific changes have been made to these municipal program areas as a direct result of source water protection.)

1	Road salt storage/application
1	Snow storage
1	Pesticide storage/application
1	Hazardous waste storage
1	Organic solvents storage
1	Municipal fuel storage (e.g., for heating, maintenance vehicles, etc.)
1	Municipal well maintenance and operations
1	Municipal water quantity
1	Stormwater infrastructure maintenance
0	Other. Please describe: _____

40

Of the upper-, lower-, and single-tier municipalities that this report is for, how many have used the specific tools / resources listed below since the SPP took effect?

1	Source Protection Interactive Mapping Tool
1	RMO Forum
1	Resource Catalogue/Campaign in a Box toolkit
1	Education & outreach webinar
1	Education & outreach community of practice
1	Guidance materials (i.e., fact sheets, information bulletins, etc.)
1	MOECC training (e.g., RMO/RMI certification, property entry)
1	OMAFRA/OFEC information sessions
0	Other. <small>Please explain:</small>

42

Of the upper-, lower-, and single-tier municipalities that this report is for, how many are financing source protection related costs through any of the following means:

General Revenue

45a In the table below, indicate which of the listed significant drinking water threats were being engaged in (i.e., enumerated as 'existing' significant threats/threats) at the time of SPP approval. Provide a tally of progress made in addressing significant threats that were on the ground before plans were approved. The tally consists of the formula: A + B - C - D where:

- A = Original estimate of SDWT engaged in/enumerated when SPP approved
- B = Additional SDWT identified after SPP approved as a result of field verification (i.e., not part of original estimate of SDWT)
- C = SDWT 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 = SDWT 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.)

Using the above formula for the tally, complete the columns in the table with the information for each SDWT indicated:

Threat ID	Prescribed Drinking Water Threats					No. of threats remaining to be addressed (A + B - C - D)
		A	B	C	D	
1	The establishment, operation or maintenance of a waste disposal site within the meaning of Part V of the Environmental Protection Act.	60	0	0		60
2	The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage.	471	0	0		471
3	The application of agricultural source material to land.	68	0	0		68
4	The storage of agricultural source material.	19	0	0		19
5	The management of agricultural source material.	20	0	0		20
6	The application of non-agricultural source material to land.	0	0	0		0
7	The handling and storage of non-agricultural source material.	4	0	0		4
8	The application of commercial fertilizer to land.	2	0	0		2
9	The handling and storage of commercial fertilizer.	27	0	0		27
10	The application of pesticide to land.	67	0	0		67
11	The handling and storage of pesticide.	38	0	0		38
12	The application of road salt.	0	0	0		0
13	The handling and storage of road salt.	0	0	0		0
14	The storage of snow.	2	0	0		2
15	The handling and storage of fuel.	284	0	0		284
16	The handling and storage of a dense non-aqueous phase liquid.	608	0	0		608
17	The handling and storage of an organic solvent.	160	0	0		160
18	The management of runoff that contains chemicals used in the de-icing of aircraft.	0	0	0		0
19	The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard. O. Reg. 385/08, s. 3.	0	0	0		0
20	Water taking from an aquifer without returning the water to the same aquifer or surface water body.	0	0	0		0
21	Reducing recharge of an aquifer.	0	0	0		0

Local Threats

Add Local Threat

Remove Blank Rows

Local Threat 1 (Please Specify)		A	B	C	D	
The Conveyance of Oil by way of Underground Pipelines (CG-NB-1.14)		0	0	0	0	0

Conditions

		A	B	C	D	
Condition 1 (Please Specify)	Condition Site 1-24 (as per Table 8-13 in Approved Assessment Report)	24	0	0	0	24
TOTAL		1854	0	0	0	1854

45b 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., SDWT addressed because policy is implemented) from the table above (reportable #45a) 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.

No progress to date. Working on establishing and refining Section 59 processes for new developments and building permits. Plan to initiate this part of the program in 2017.

LESPR The following questions are based on the SPP monitoring policies in the Lake Erie Region. Please review your municipality's monitoring policies and respond to the following if applicable. Policy language may vary for each municipality.

1. Please provide a summary of the actions taken to ensure that the management of runoff that contains chemicals used in the deicing of aircraft never becomes a significant drinking water threat.

No applications have been made for this threat activity in 2016.

2. Please report if any applications or environmental assessments have been initiated for new airport facilities within vulnerable areas.

None.

3. If applicable, document the nature of any new education and outreach program established regarding fuel oil tanks, the number of persons contacted, and the location of the participants.

Have developed fact sheet. Fact sheet is posted on City of Guelph website.

4. For the County of Wellington / Township of Centre Wellington: Please summarize the actions taken the previous year to assess the chloride concentrations related to Municipal Well E3 in Elora including recommendations for further study or monitoring, if required. Include a conclusion on whether the chloride concentrations are a described issue in accordance with the Clean Water Act and technical rules.

N/A

5. For the Municipality of Bayham: Please summarize the actions taken the previous year to assess the nitrate concentrations related to Municipal Wells TW2-12 and TW3-12 in the Village of Richmond including recommendations for further study or monitoring, if required. Include a conclusion on whether the nitrate concentrations are a described issue in accordance with the Clean Water Act, 2006 and technical rules.

N/A

LESPR 6. If required to implement education and outreach programs as the primary means of managing the risk associated with significant drinking water threats, please detail below the properties where these programs were implemented and how the significant drinking water threat was managed and/or ceased to be significant.

Coordinates of the property			Threat Category	Description of the Education & Outreach Program	Describe how the drinking water threat was managed and/or ceased to be significant (i.e. what risk management measures have been implemented on the property).
Longitude / Easting / X-Coord	Latitude / Northing / Y-Coord	Coord System Info			
			- Please Select -	No policies	

EXTRA

Please enter any supplemental information not captured in the previous tabs that you feel is valuable and would contribute to assessing the extent to which SPP objectives are being achieved. The information may include anything from additional Part IV statistics to interesting anecdotes.

Delisting condition sites? What is the process to do this?

Issues for municipal wells. What is the protocol to remove the "issue" designation?

Ponding of water in an aggregate operation as a local threat?

Question_ID	Description	Response	Allowed_Values
A_01	SPA	NULL	NULL, or value from drop down list
A_02	MunName	Guelph, City of	NULL, or value from drop down list
A_03	MunContact	Peter Rider	NULL, or any non-blank value
A_04	MunEmail	peter.rider@guelph.ca	NULL, or any non-blank value
A_05	SubmitOrg	City of Guelph	NULL, or any non-blank value
A_06	SubmitName	Peter Rider	NULL, or any non-blank value
A_07	SubmitEmail	peter.rider@guelph.ca	NULL, or any non-blank value
A_08	PeriodStart	May 27, 2016	NULL, or Date "January 1, 1900" format
A_09	PeriodEnd	December 31, 2016	NULL, or Date "January 1, 1900" format
A_10	SubmissionDate	February 01, 2017	NULL, or Date "January 1, 1900" format
B_02a_T1_1	%Implement	60.00%	NULL, or 0% to 100%
B_02a_T1_2	%InProg	40.00%	NULL, or 0% to 100%
B_02a_T1_3	%NoProg	0.00%	NULL, or 0% to 100%
B_02a_T1_4	%NoInfo	NULL	NULL, or 0% to 100%
B_02a_T3_1	%Implement	0.00%	NULL, or 0% to 100%
B_02a_T3_2	%InProg	71.00%	NULL, or 0% to 100%
B_02a_T3_3	%NoInfo	29.00%	NULL, or 0% to 100%
B_02a_T3_4	%N/A	NULL	NULL, or 0% to 100%
B_02a_1	2aExplain	NULL	NULL, or any non-blank value
B_03d	ThreatRMP	1	NULL, or integer >= 0
B_05i	NoticeNeither	28	NULL, or integer >= 0
B_05ii	NoticeRMP	1	NULL, or integer >= 0
B_08	Sec57ThreatProhib	0	NULL, or integer >= 0
B_09c	Resolve9b_ii	No	NULL, or any non-blank value
B_10	#PropInspect	4	NULL, or integer >= 0
B_23a_i	#OPConform	1	NULL, or integer >= 0
B_23a_ii	#ZBLConform	1	NULL, or integer >= 0
B_23b_i	#OPcomplete	0	NULL, or integer >= 0
B_23b_ii	#ZBLcomplete	0	NULL, or integer >= 0
B_23b_iii	#OPappeal	0	NULL, or integer >= 0
B_23b_iv	#ZBLappeal	0	NULL, or integer >= 0
B_23b_v	#OPinprocess	0	NULL, or integer >= 0
B_23b_vi	#ZBLinprocess	0	NULL, or integer >= 0
B_23b_vii	#OPnotstart	1	NULL, or integer >= 0
B_23b_viii	#ZBLnotstart	1	NULL, or integer >= 0
B_24a_i_1	PamphletPublic	YES	N/A, YES, or NO
B_24a_i_2	PamphletTarget	YES	N/A, YES, or NO
B_24a_i_3	Workshop	YES	N/A, YES, or NO
B_24a_i_4	SiteVisit	YES	N/A, YES, or NO
B_24a_i_5	Website	YES	N/A, YES, or NO
B_24a_i_6	Videos	NO	N/A, YES, or NO
B_24a_i_7	Podcasts	NO	N/A, YES, or NO
B_24a_i_8	Collaborate	YES	N/A, YES, or NO
B_24a_i_9a	Other	NO	N/A, YES, or NO
B_24a_i_9b	OtherSpecify	N/A	N/A, NULL, or any non-blank value
B_24a_i_10	NoE&O	NO	YES or NO

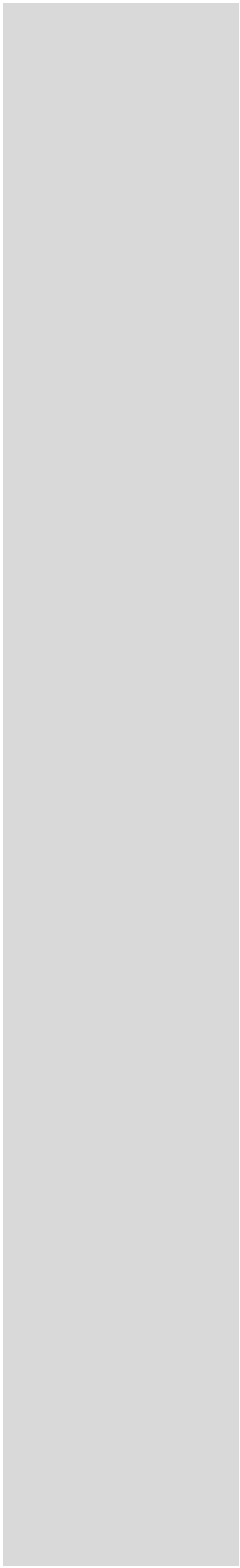
B_24a_ii_1	SocialMedia	YES	YES or NO
B_24a_ii_2	TraditionalMedia	YES	YES or NO
B_24a_ii_3	SiteVisit	YES	YES or NO
B_24a_ii_4	ExternalPrograms	YES	YES or NO
B_24a_ii_5	ArticlePublish	NO	YES or NO
B_24a_ii_6	InfoKiosks	YES	YES or NO
B_24a_ii_7a	Other	NO	YES or NO
B_24a_ii_7b	OtherSpecify	N/A	N/A, NULL, or any non-blank value
B_24b	E&O_Reach	25.00%	NULL, or 0% to 100%
B_27b	NewSigns	0.00	NULL, or integer >= 0
B_27c_a	OtherSignY/N	NO	YES or NO
B_27c_b	OtherSignExplain	N/A	N/A, NULL, or any non-blank value
B_28a_i	SurveyY/N	NO	YES or NO
B_32a	RequireInspect	37	NULL, or integer >= 0
B_32b	Inspected	37	NULL, or integer >= 0; must be equal or less
B_32c_1	MinorWork	1	NULL, or integer >= 0; must be equal of less
B_32c_2	MajorWork	1	NULL, or integer >= 0; must be equal of less
B_38b_1	#SWPinPLanning	1	NULL, or integer >= 0
B_38b_2	#SWPinBuildPermits	1	NULL, or integer >= 0
B_38c_1	#SWPTraining	1	NULL, or integer >= 0
B_38c_2	#StaffGuidance	1	NULL, or integer >= 0
B_38c_3	#Applicant	1	NULL, or integer >= 0
B_38c_4	#SPPConform	0	NULL, or integer >= 0
B_38c_5	#DocUpdate	1	NULL, or integer >= 0
B_38c_6	#MapUpdate	0	NULL, or integer >= 0
B_38c_7	#Placement	0	NULL, or integer >= 0
B_38c_8	#PlanApp	1	NULL, or integer >= 0
B_38c_9	#Flag59	1	NULL, or integer >= 0
B_38c_10	#ReduceRMO	1	NULL, or integer >= 0
B_38c_11	#PublicWorks	1	NULL, or integer >= 0
B_38c_12a	#Other	0	NULL, or integer >= 0
B_38c_12b	#OtherSpecify	N/A	N/A, NULL, or any non-blank value
B_38c_13a	#NoChangeCheck	0	NULL, or integer >= 0
B_38c_13b	#NoChangeSpecify	N/A	N/A, NULL, or any non-blank value
B_39_1	#Salt	1	NULL, or integer >= 0
B_39_2	#Snow	1	NULL, or integer >= 0
B_39_3	#Pesticide	1	NULL, or integer >= 0
B_39_4	#HazWaste	1	NULL, or integer >= 0
B_39_5	#OrgSolv	1	NULL, or integer >= 0
B_39_6	#MuniFuel	1	NULL, or integer >= 0
B_39_7	#MuniWell	1	NULL, or integer >= 0
B_39_8	#MuniQuant	1	NULL, or integer >= 0
B_39_9	#StormInfras	1	NULL, or integer >= 0
B_39_10a	#Other	0	NULL, or integer >= 0
B_39_10b	#OtherSpecify	N/A	N/A, NULL, or any non-blank value
B_40_1	#SPPMappingTool	1	NULL, or integer >= 0
B_40_2	#RMOForum	1	NULL, or integer >= 0

B_40_3	#ResourceCatalogue		1	NULL, or integer >= 0
B_40_4	#E&O_Webinar		1	NULL, or integer >= 0
B_40_5	#E&O_Comm		1	NULL, or integer >= 0
B_40_6	#Guidance		1	NULL, or integer >= 0
B_40_7	#MOECC_Training		1	NULL, or integer >= 0
B_40_8	#InfoSessions		1	NULL, or integer >= 0
B_40_9a	#Other		0	NULL, or integer >= 0
B_40_9b	OtherSpecify	N/A		N/A, NULL, or any non-blank value
B_42_1	#GenRevenue	NULL		NULL, or integer >= 0
B_42_2	#CostRecov	NULL		NULL, or integer >= 0
B_42_3	#Both	NULL		NULL, or integer >= 0
B_42_4	#Other		1	NULL, or integer >= 0
B_42_4b	OtherSpecify	Water Rates for users		N/A, NULL, or any non-blank value
B_45a_R1A	Waste_A		60	NULL, or integer >= 0
B_45a_R1B	Waste_B		0	NULL, or integer >= 0
B_45a_R1C	Waste_C		0	NULL, or integer >= 0
B_45a_R1D	Waste_D	NULL		NULL, or integer >= 0
B_45a_R2A	SewageSystem_A		471	NULL, or integer >= 0
B_45a_R2B	SewageSystem_B		0	NULL, or integer >= 0
B_45a_R2C	SewageSystem_C		0	NULL, or integer >= 0
B_45a_R2D	SewageSystem_D	NULL		NULL, or integer >= 0
B_45a_R3A	ASMAApp_A		68	NULL, or integer >= 0
B_45a_R3B	ASMAApp_B		0	NULL, or integer >= 0
B_45a_R3C	ASMAApp_C		0	NULL, or integer >= 0
B_45a_R3D	ASMAApp_D	NULL		NULL, or integer >= 0
B_45a_R4A	ASMStore_A		19	NULL, or integer >= 0
B_45a_R4B	ASMStore_B		0	NULL, or integer >= 0
B_45a_R4C	ASMStore_C		0	NULL, or integer >= 0
B_45a_R4D	ASMStore_D	NULL		NULL, or integer >= 0
B_45a_R5A	ASMMan_A		20	NULL, or integer >= 0
B_45a_R5B	ASMMan_B		0	NULL, or integer >= 0
B_45a_R5C	ASMMan_C		0	NULL, or integer >= 0
B_45a_R5D	ASMMan_D	NULL		NULL, or integer >= 0
B_45a_R6A	NASMAApp_A		0	NULL, or integer >= 0
B_45a_R6B	NASMAApp_B		0	NULL, or integer >= 0
B_45a_R6C	NASMAApp_C		0	NULL, or integer >= 0
B_45a_R6D	NASMAApp_D	NULL		NULL, or integer >= 0
B_45a_R7A	NASMStore_A		4	NULL, or integer >= 0
B_45a_R7B	NASMStore_B		0	NULL, or integer >= 0
B_45a_R7C	NASMStore_C		0	NULL, or integer >= 0
B_45a_R7D	NASMStore_D	NULL		NULL, or integer >= 0
B_45a_R8A	ComFertApp_A		2	NULL, or integer >= 0
B_45a_R8B	ComFertApp_B		0	NULL, or integer >= 0
B_45a_R8C	ComFertApp_C		0	NULL, or integer >= 0
B_45a_R8D	ComFertApp_D	NULL		NULL, or integer >= 0
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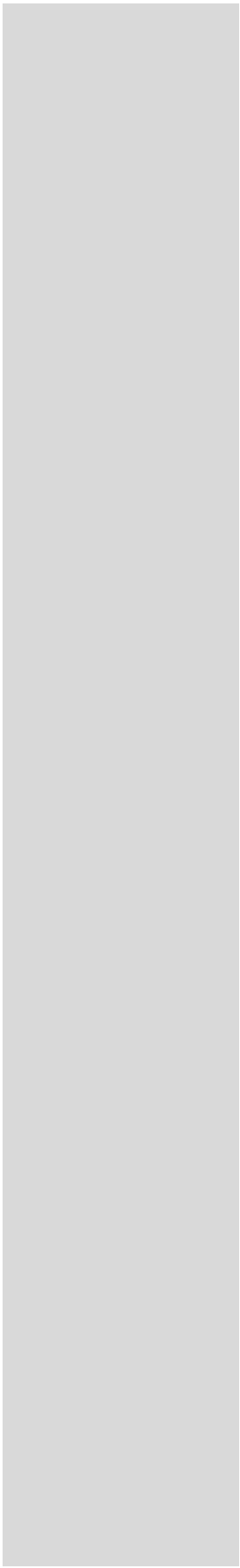
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B_45a_R10B	PestApp_B		0	NULL, or integer >= 0
B_45a_R10C	PestApp_C		0	NULL, or integer >= 0
B_45a_R10D	PestApp_D	NULL		NULL, or integer >= 0
B_45a_R11A	PestStore_A		38	NULL, or integer >= 0
B_45a_R11B	PestStore_B		0	NULL, or integer >= 0
B_45a_R11C	PestStore_C		0	NULL, or integer >= 0
B_45a_R11D	PestStore_D	NULL		NULL, or integer >= 0
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B_45a_R12C	SaltApp_C		0	NULL, or integer >= 0
B_45a_R12D	SaltApp_D	NULL		NULL, or integer >= 0
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B_45a_R13B	SaltStore_B		0	NULL, or integer >= 0
B_45a_R13C	SaltStore_C		0	NULL, or integer >= 0
B_45a_R13D	SaltStore_D	NULL		NULL, or integer >= 0
B_45a_R14A	SnowStore_A		2	NULL, or integer >= 0
B_45a_R14B	SnowStore_B		0	NULL, or integer >= 0
B_45a_R14C	SnowStore_C		0	NULL, or integer >= 0
B_45a_R14D	SnowStore_D	NULL		NULL, or integer >= 0
B_45a_R15A	FuelStore_A		284	NULL, or integer >= 0
B_45a_R15B	FuelStore_B		0	NULL, or integer >= 0
B_45a_R15C	FuelStore_C		0	NULL, or integer >= 0
B_45a_R15D	FuelStore_D	NULL		NULL, or integer >= 0
B_45a_R16A	DNAPLStore_A		608	NULL, or integer >= 0
B_45a_R16B	DNAPLStore_B		0	NULL, or integer >= 0
B_45a_R16C	DNAPLStore_C		0	NULL, or integer >= 0
B_45a_R16D	DNAPLStore_D	NULL		NULL, or integer >= 0
B_45a_R17A	OrgSolvStore_A		160	NULL, or integer >= 0
B_45a_R17B	OrgSolvStore_B		0	NULL, or integer >= 0
B_45a_R17C	OrgSolvStore_C		0	NULL, or integer >= 0
B_45a_R17D	OrgSolvStore_D	NULL		NULL, or integer >= 0
B_45a_R18A	AcrafftDelcing_A		0	NULL, or integer >= 0
B_45a_R18B	AcrafftDelcing_B		0	NULL, or integer >= 0
B_45a_R18C	AcrafftDelcing_C		0	NULL, or integer >= 0
B_45a_R18D	AcrafftDelcing_D	NULL		NULL, or integer >= 0
B_45a_R19A	Livestock_A		0	NULL, or integer >= 0
B_45a_R19B	Livestock_B		0	NULL, or integer >= 0
B_45a_R19C	Livestock_C		0	NULL, or integer >= 0
B_45a_R19D	Livestock_D	NULL		NULL, or integer >= 0
B_45a_R20A	WaterTaking_A		0	NULL, or integer >= 0
B_45a_R20B	WaterTaking_B		0	NULL, or integer >= 0
B_45a_R20C	WaterTaking_C		0	NULL, or integer >= 0
B_45a_R20D	WaterTaking_D	NULL		NULL, or integer >= 0
B_45a_R21A	RechargReduce_A		0	NULL, or integer >= 0

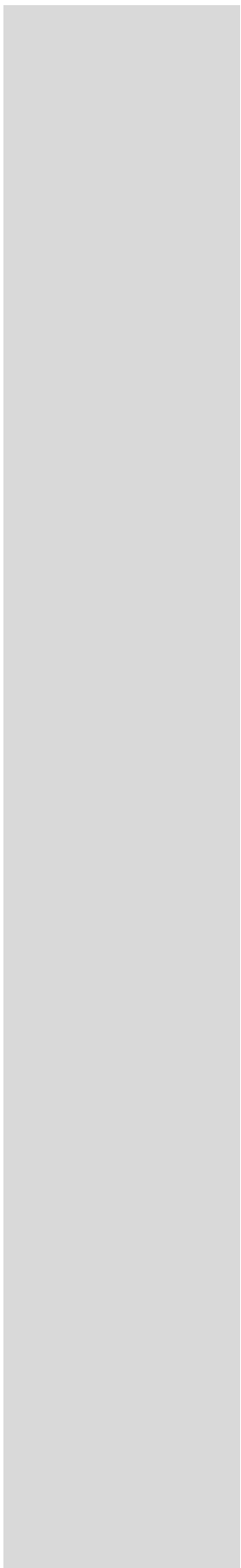
B_45a_R21B	RechargReduce_B	0	NULL, or integer >= 0
B_45a_R21C	RechargReduce_C	0	NULL, or integer >= 0
B_45a_R21D	RechargReduce_D	NULL	NULL, or integer >= 0
B_45b	Comments	No progress to date. W	NULL, or any non-blank value
B_LESPR_1	LESPR_1	No applications have be	NULL, or any non-blank value
B_LESPR_2	LESPR_2	None.	NULL, or any non-blank value
B_LESPR_3	LESPR_3	Have developed fact sh	NULL, or any non-blank value
B_LESPR_4	LESPR_4	N/A	NULL, or any non-blank value
B_LESPR_5	LESPR_5	N/A	NULL, or any non-blank value
B_LESPRA2	ExtraInfo	Delisting condition sites	NULL, or any non-blank value
B_29_R1_C1	Type	NULL	
B_29_R1_C2	Source	NULL	
B_29_R1_C3	PDWT	NULL	
B_29_R1_C4	Degree	NULL	
B_29_R1_C5	Comments	NULL	
B_33_R1_C1	System	Carter Wells	
B_33_R1_C2	Issue	Nitrate	
B_33_R1_C3	ICA_Y/N	YES	
B_33_R1_C4	Observ	Not Enough Data / Information Available to Determine Changes in C	
B_33_R1_C5	Contribute	NULL	
B_45a_Loc1_D	LocThreat1_Descript	The Conveyance of Oil by way of Underground Pipelines (CG-NB-1.1.	
B_45a_Loc1A	LocThreat1_A	0	
B_45a_Loc1B	LocThreat1_B	0	
B_45a_Loc1C	LocThreat1_C	0	
B_45a_Loc1D	LocThreat1_D	0	
LESPR_6_R1_C1	CoordX	NULL	
LESPR_6_R1_C2	CoordY	NULL	
LESPR_6_R1_C3	CoordInfo	NULL	
LESPR_6_R1_C4	Activity	NULL	
LESPR_6_R1_C5	E&ODescrip	No policies	
LESPR_6_R1_C6	HowManaged	NULL	
B_02b_R1_C1	PolicyID	CG-CW-4	
B_02b_R1_C2	ImpBody	City of Guelph	
B_02b_R1_C3	Explain	Dealing with S.59 priorities for new development	
B_02b_R1_C4	NexSteps	NULL	
B_02b_R2_C1	PolicyID	CG-CW-13	
B_02b_R2_C2	ImpBody	City of Guelph	
B_02b_R2_C3	Explain	Dealing with S.59 priorities for new development	
B_02b_R2_C4	NexSteps	NULL	
B_33_R2_C1	System	Emma Well	
B_33_R2_C2	Issue	TCE	
B_33_R2_C3	ICA_Y/N	YES	
B_33_R2_C4	Observ	Not Enough Data / Information Available to Determine Changes in C	
B_33_R2_C5	Contribute	NULL	
B_33_R3_C1	System	Membro Well	
B_33_R3_C2	Issue	TCE	
B_33_R3_C3	ICA_Y/N	YES	

B_33_R3_C4	Observ	Not Enough Data / Information Available to Determine Changes in C
B_33_R3_C5	Contribute	NULL
B_33_R4_C1	System	Smallfield Well
B_33_R4_C2	Issue	TCE
B_33_R4_C3	ICA_Y/N	YES
B_33_R4_C4	Observ	Not Enough Data / Information Available to Determine Changes in C
B_33_R4_C5	Contribute	NULL
B_45a_Con1_D	Condition1_Descript	Condition Site 1-24 (as per Table 8-13 in Approved Assessment Repc
B_45a_Con1A	Condition1_A	24
B_45a_Con1B	Condition1_B	0
B_45a_Con1C	Condition1_C	0
B_45a_Con1D	Condition1_D	0



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Summary of Implementation Progress of Source Protection Plan Policies as of 1 February 2017

Policy Number	Source Protection Plan Policies within the City of Guelph	City of Guelph is the Implementing Body?	Implementation Status (1 Feb 2017)	Comments
Implementation Timing				
CG-CW-1.1 <i>Implement. & Timing</i>	<p>Except as set out below, the policies contained in this Source Protection Plan shall come into effect on the date set out by the Minister.</p> <ul style="list-style-type: none"> a. For Section 57 of the <i>Clean Water Act, 2006</i>, if an activity was engaged in at a particular location before this Source Protection Plan took effect, policies regarding prohibited activities do not apply to a person who engages in the activity at that location until 180 days from the date the Source Protection Plan takes effect; b. For Section 58 of the <i>Clean Water Act, 2006</i>, if an activity was engaged in at a particular location immediately before this Source Protection Plan took effect and the Risk Management Official gives notice to a person who is engaged in the activity at that location that, in the opinion of the Risk Management Official, policies regarding regulated activities should apply to the person who engages in the activity at that location on and after a date specified in the notice that is at least 120 days after the date of the notice; c. For Section 59 of the <i>Clean Water Act, 2006</i>, policies regarding restricted land uses shall come into effect the same day the Source Protection Plan takes effect; and d. Where the Source Protection Policies require the City of Guelph and/or the Source Protection Authority to develop and implement education and outreach programs, incentive programs or other specified action for significant drinking water threats, such 	<p>Yes</p>	<p>Some Progress</p>	

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Policy Number	Source Protection Plan Policies within the City of Guelph	City of Guelph is the Implementing Body?	Implementation Status (1 Feb 2017)	Comments
	programs and actions shall be developed and implemented within five (5) years from the date the Source Protection Plan takes effect.			
CG-MC-1.2 <i>Implement. & Timing</i>	<p>Except as set out below, the policies contained in this Source Protection Plan shall come into effect on the date set out by the Minister.</p> <p>a. For Section 43 of the <i>Clean Water Act, 2006</i>, if an activity was engaged in at a particular location immediately before this Source Protection Plan took effect, amendments to Prescribed Instruments shall be completed within three (3) years from the date the Source Protection Plan takes effect;</p> <p>b. For Sections 40 and 42 of the <i>Clean Water Act, 2006</i>, the Official Plan and Zoning By-Laws must be amended to conform with the significant threat policies within five (5) years from the date the Source Protection Plan comes into effect or the next Official Plan review required under Section 26 of the <i>Planning Act</i> and the Zoning By-law within (2) years from the adoption of the Official Plan conformity amendment.</p>	Yes	Not Implemented	
CG-CW-1.3 <i>Municipal Act Specify Action</i>	The City of Guelph shall consider passing a by-law to assist in the ongoing identification of persons and/or locations engaged in significant threat activities identified in these policies.	Yes	Some Progress	
Use and Areas Designated as Restricted Land Use Policies				

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Policy Number	Source Protection Plan Policies within the City of Guelph	City of Guelph is the Implementing Body?	Implementation Status (1 Feb 2017)	Comments
CG-CW-1.4 <i>Part IV -RLU</i>	<p>In accordance with Section 59(1) of the Clean Water Act, 2006, the following land uses identified within the City of Guelph Official Plan are hereby designated as land uses to which the restricted land uses provisions of the Clean Water Act, 2006 apply where activities are or would be a significant drinking water threat:</p> <ul style="list-style-type: none"> a. All land uses, except solely residential uses, in all areas where the establishment, operation and maintenance of a waste disposal site within the meaning of Part V of the Environmental Protection Act is or would be a significant drinking water threat; b. All agricultural land uses in all areas where the application of Agricultural Source Material to land and the storage of Agricultural Source Material is or would be a significant drinking water threat; c. All land uses, except solely residential, in all areas where the application, handling and storage of commercial fertilizer is or would be a significant drinking water threat; d. All land uses, except solely residential uses, in all areas where the application of pesticide to land and the handling and storage of pesticides is or would be a significant drinking water threat; e. All land uses, except solely residential uses, in all areas where the storage of snow is or would be a significant drinking water threat; f. All land uses in all areas where handling and storage of fuel is or would be a significant drinking water threat. g. All land uses, except solely residential uses, in 	Yes	Fully Implemented	RMO Memo issued for C of A June 29, 2016 and Building Department issued July 5, 2016

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Summary of Implementation Progress of Source Protection Plan Policies as of 1 February 2017

Policy Number	Source Protection Plan Policies within the City of Guelph	City of Guelph is the Implementing Body?	Implementation Status (1 Feb 2017)	Comments
	<p>all areas where the handling and storage of dense non-aqueous phase liquids is or would be a significant drinking water threat;</p> <ul style="list-style-type: none"> h. All land uses, except solely residential uses, in all areas where the activity of handling and storage of an organic solvent is or would be a significant drinking water threat; i. All agricultural land uses in all areas where the use of land as livestock grazing or pasturing land, an outdoor confinement area, or a farm-animal yard is or would be a significant drinking water threat; and j. All land uses in all areas where the application of Non-Agricultural Source Material to land and the storage of Non-Agricultural Source Material is or would be a significant drinking water threat. <p>Despite the above policy, a Risk Management Official may issue written direction specifying the situations under which a planning authority or building official may be permitted to make the determination that a site specific land use is not designated for the purposes of section 59. Where such direction has been issued, a site specific land use that is the subject of an application for approval under the Planning Act or for a permit under the Building Code Act is not designated for the purposes of Section 59, provided that the planning authority or building official, as applicable, is satisfied that:</p> <ul style="list-style-type: none"> a. The application complies with the written direction issued by the Risk Management Official; and b. The applicant has demonstrated that a significant drinking water threat activity designated for the purposes of section 57 or 58 will not be engaged in, or 			

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Policy Number	Source Protection Plan Policies within the City of Guelph	City of Guelph is the Implementing Body?	Implementation Status (1 Feb 2017)	Comments
	will not be affected by the application.			
Official Plan Amendment(s) Policies				
CG-MC-1.5 <i>Future Land Use Planning</i>	<p>The City of Guelph shall adopt an amendment to the Official Plan, where necessary to conform to the significant drinking water threat policies in accordance with Section 40 of the <i>Clean Water Act, 2006</i>, to:</p> <ol style="list-style-type: none"> Identify the vulnerable areas in which drinking water threats prescribed under the <i>Clean Water Act, 2006</i> are or would be significant; Indicate that within the areas identified, any land use that is or would be a significant drinking water threat is required to conform with all applicable Source Protection Plan policies and, as such, may be prohibited, restricted or otherwise regulated by those policies; and Incorporate any other amendments required to conform to the threat specific land use policies identified in this Source Protection Plan. 	Yes	Some Progress	
Education and Outreach and Incentive Programs Policies				
CG-CW-1.6 <i>Existing/Future Education &</i>	To support the significant drinking water threat policies contained within this Source Protection Plan, the City of Guelph, in collaboration with other bodies where possible, may develop and implement education and outreach programs where such programs are deemed	Yes	Some Progress	

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Summary of Implementation Progress of Source Protection Plan Policies as of 1 February 2017

Policy Number	Source Protection Plan Policies within the City of Guelph	City of Guelph is the Implementing Body?	Implementation Status (1 Feb 2017)	Comments
<i>Outreach</i>	necessary and/or appropriate by the City of Guelph and where there is available funding. Such programs may include, but not necessarily be limited to, increasing awareness and understanding of significant drinking water threats and promotion of best management practices.			
CG-CW-1.7 <i>Existing/Future Incentive</i>	The City, in collaboration with other bodies and levels of government where possible, may develop and implement incentive programs directed at significant drinking water threat activities, where such programs are deemed necessary and/or appropriate by the City of Guelph and subject to available funding.	Yes	Not Implemented	
CG-NB-1.8 <i>Existing/Future Incentive</i>	The Ministry of Environment and other Provincial Ministries shall consider providing funding for incentive programs, such as the Ontario Drinking Water Stewardship Program, to protect existing and future drinking water sources and address significant drinking water threats.	No	N/A	
Annual Reporting Practice				
CG-CW-1.9 <i>Monitoring</i>	The City of Guelph shall provide a report to the Source Protection Authority, by February 1st of each year, summarizing the actions taken to implement the Source Protection Plan policies, where specifically required by the policies.	Yes	Fully Implemented	First Annual Report prepared 1 Feb 2017

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Policy Number	Source Protection Plan Policies within the City of Guelph	City of Guelph is the Implementing Body?	Implementation Status (1 Feb 2017)	Comments
CG-CW-1.10 <i>Monitoring</i>	The Risk Management Official shall provide a report to the Source Protection Authority, by February 1 st of each year, summarizing the actions taken to implement the Source Protection policies, in accordance with the <i>Clean Water Act, 2006</i> and associated regulations.	Yes	Fully Implemented	First Annual Report prepared 1 Feb 2017
CG-CW-1.11 <i>Monitoring</i>	Where the Source Protection Plan policies require a provincial ministry to undertake an action regarding an activity under the Environmental Compliance Approval process or review, issue, amend or create a new Prescribed Instrument, the applicable Ministry shall provide a copy of the amended or approved Prescribed Instrument to the City of Guelph. The applicable ministry shall provide a written report summarizing the relevant information to the Source Protection Authority by February 1 st of each year.	No	N/A	
CG-CW-1.12 <i>Monitoring</i>	Where the Source Protection Plan policies prohibit an activity that results in the denial of a Prescribed Instrument, the applicable ministry shall summarize the action taken in the previous year to implement the policies and provide a written report summarizing this information to the Source Protection Authority by February 1 st of each year.	No	N/A	

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Policy Number	Source Protection Plan Policies within the City of Guelph	City of Guelph is the Implementing Body?	Implementation Status (1 Feb 2017)	Comments
Issue Contributing Areas				
CG-NB-1.13 <i>Existing/Future Specify Action ICA(NIT)</i>	To better understand the contributing source of contaminants within the Issue Contributing Areas (ICA) with respect to the applicable existing and future significant drinking water threats, the Grand River Conservation Authority in collaboration with the City of Guelph is encouraged, under the Source Water Protection Program funding, to find opportunities to research in the future nitrogen and/or pathogen issues to determine whether application and/or storage of Agricultural Source Materials is a contributing source of contaminant in the Issue Contributing Areas (ICA).	Yes	Not Implemented	
Local Threat: The Conveyance of Oil by way of Underground Pipelines				
CG-NB-1.14 <i>Future Specify Action WHPA-A-v.10 WHPA-B-v.10 Monitoring</i>	To ensure this activity never becomes a significant drinking water threat, for the conveyance of oil by way of underground pipeline, within the meaning of O. Reg. 210/01 under the <i>Technical Safety and Standards Act</i> or that is subject to the <i>National Energy Board Act</i> , the National Energy Board, and Ontario Energy Board, in their consideration of any pipelines within vulnerable areas where the activity would be a significant drinking water threat, are encouraged to ensure the applicant has complied with or included appropriate design standards and monitoring and maintenance practices, where applicable, to reduce the risk to drinking water sources.	No	N/A	No new pipelines proposed within City of Guelph in 2016

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Policy Number	Source Protection Plan Policies within the City of Guelph	City of Guelph is the Implementing Body?	Implementation Status (1 Feb 2017)	Comments
	The Source Protection Authority shall document in the annual report the number of new pipelines proposed within vulnerable areas.			
Conditions Policies				
CG-MC-1.15 <i>a)Existing Prescribed Instr. Condition Sites Identified</i> <i>b)Monitoring</i>	To address conditions resulting from past activities that are significant drinking water threats, the Ministry of the Environment shall a. Ensure that all Prescribed Instruments issued for Condition Sites include terms and conditions, as appropriate, to ensure that the risk to drinking water sources is managed. Appropriate conditions may include requirements for source control, remediation to provincial standards, monitoring and Contaminant Management Plans; b. Ensure that Prescribed Instruments include a condition requiring the instrument holder to report on the actions taken and the status of the site to the Ministry of Environment, Source Protection Authority and the municipality on an annual basis; and c. Provide to the City of Guelph a copy of the new or revised Prescribed Instrument.	No	N/A	

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CG-NB-1.16 <i>Existing Specify Action Condition Sites Identified</i>	To address Conditions resulting from past activities that are significant drinking water threats, the Ministry of the Environment should prioritize abatement activities on Conditions Sites located within the Wellhead Protection Area A, Wellhead Protection Area B and Issues Contributing Areas.	No	N/A	
CG-MC-1.17 <i>Existing Land Use Planning Condition Sites Identified</i>	The City of Guelph shall require as a component of a complete application under the <i>Planning Act</i> the completion of an environmental screening process using a contaminated sites protocol. The contaminated sites protocol will outline the criteria when a Record of Site Condition (RSC) will be required as part of the <i>Planning Act</i> .	Yes	Fully Implemented	
CG-CW-1.18 <i>Existing Specify Action Education & Outreach Condition Sites Identified</i>	To address Conditions resulting from past activities that are significant drinking water threats, the City of Guelph shall: <ul style="list-style-type: none"> a. Continue to support environmental investigation, remediation and redevelopment through the incentives provided through the City of Guelph Brownfield Redevelopment Community Improvement Plan; and b. Implement an education program on drinking water issues associated with contaminated sites in conjunction with the implementation of the City of Guelph's Brownfield Community Redevelopment Program including the protection of drinking water sources and the use of the Record of Site Condition process as a best management practice to address 	Yes	Some Progress	

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	Condition Sites.			
CG-NB-1.19 <i>Existing Conditions Specify Action</i>	<p>To address conditions resulting from past activities that are significant drinking water threats the Ministry of Environment and the City of Guelph :</p> <ol style="list-style-type: none"> Shall meet at a minimum frequency of every six months for the purpose of mutually sharing information on Condition sites; and Should mutually share information related, as appropriate, to technical investigations or remediation, technical data, actions taken by Ministry of Environment or by the City of Guelph, inspections, other relevant information; and Should develop an Information-Sharing Process document including requirements, if any, for meeting agendas, participants, the nature and format for the types of information to be mutually shared, and the Information-Sharing Process document should be developed within six months from the date the Source Protection Plan takes effect. 	Yes	Some Progress	
Strategic Action Policies				
Spill Prevention, Spill Contingency or Emergency Response Plans				
CG-NB-1.20 <i>Existing/Future Specify Action</i>	<p>To ensure Emergency Response Plans are updated for the purpose of protecting drinking water sources with respect to spills that occur within a Wellhead Protection Area along highways or railway lines, the following policies apply:</p> <ol style="list-style-type: none"> Within five (5) years of the Source Protection Plan 	Yes	Not Implemented	

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Policy Number	Source Protection Plan Policies within the City of Guelph	City of Guelph is the Implementing Body?	Implementation Status (1 Feb 2017)	Comments
	<p>coming into effect, the City of Guelph is requested to incorporate the location of Wellhead Protection Areas into the Emergency Response Plan to protect drinking water sources when a spill occurs along highways or rail lines; and</p> <p>b. The Ministry of the Environment is requested to provide mapping of vulnerable areas to assist the Spills Action Centre in responding to reported spills along transportation corridors within two years of the source protection plan coming into effect.</p>			
Transport Pathways				
<p>CG-NB-1.21</p> <p><i>Future Specify Action Incentive Land Use Planning</i></p>	<p>To protect municipal water supplies from increased vulnerability due to transport pathways where activities could be a significant drinking water threat, the following policies apply:</p> <p>a. The Ministry of the Environment is requested to provide ongoing funding for incentive programs focused on facilitating the abandonment of wells in accordance with O. Reg. 903;</p> <p>b. The Ministry of the Environment is requested as a priority to enforce the requirements of O. Reg. 903 with respect to the abandonment of wells and to enforce Section 33(1), (2) and (3) of the <i>Ontario Water Resources Act</i> once it comes into full force and effect;</p> <p>c. The City of Guelph is requested to incorporate conditions of approval for <i>Planning Act</i> and <i>Condominium Act</i> applications to ensure private wells that are no longer in use are abandoned in accordance with O. Reg. 903; and</p> <p>d. The City of Guelph is requested to ensure best</p>	<p>Yes</p>	<p>Fully Implemented</p>	<p>Items c) and d) are now integrated with the Development Review, Site Plan and Building Permit process</p>

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	management practices are utilized to protect the quantity and quality of groundwater sources during the installation of new municipal infrastructure.			
CG-NB-1.22 <i>Existing/Future Specify Action</i>	The City of Guelph should amend its Official Plan to require the assessment and mitigation of impacts of the establishment of transport pathways associated with <i>Planning Act</i> applications in Wellhead Protection Areas A and B where the vulnerability equals ten (10).	No	Not Implemented	
Interpretation				
CG-CW-1.23 <i>Interpretation of Source Protection Plan</i>	<p>The Source Protection Plan provides policies to meet the objectives of the <i>Clean Water Act, 2006</i>. The Source Protection Plan consists of the written policy text and Schedules.</p> <ol style="list-style-type: none"> The Schedules in the Source Protection Plan identify the areas where the policies of the Source Protection Plan apply. The boundaries for the circumstances shown on the Plan Schedules are general. More detailed interpretation of the boundaries relies on the mapping in the approved Assessment Report and the Specific Circumstances found in the Tables of Drinking Water Threats, <i>Clean Water Act, 2006</i>; and Where any Act or portion of an Act of the Ontario Government or Canadian Government is referenced in this Plan, such reference shall be interpreted to refer to any subsequent renaming of sections in the Act as well as any subsequent amendments to the Act, or 	Yes	Fully Implemented	

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	successor thereof. This provision is also applicable to any policy statement, regulation or guideline issued by the Province or the municipality.			
Provincial Ministry Review of Prescribed Instruments				
CG-NB-1.24 <i>Existing/Future Prescribed Instruments</i>	The Ministry of Environment, The Ministry of Agriculture, Food and Rural Affairs, and the Ministry of Natural Resources, for Prescribed Instruments and Conditions for significant drinking water threats within vulnerable areas, should consider advising the City of Guelph regarding applications under review and that the City of Guelph be provided an opportunity to provide comments on these applications. The relevant Ministry shall have due regard to the comments submitted by the City of Guelph.	No	N/A	
CG-MC-1.25 <i>Existing/Future Prescribed Instruments</i>	Any Prescribed Instrument issued under the <i>Nutrient Management Act</i> that is created or amended or is used for the purposes of obtaining an exemption from a Risk Management Plan under section 61 of O. Reg. 287/07 shall incorporate terms and conditions that, when implemented, manage the activities they regulate such that those activities cease to be or never become, a significant drinking water threat. OMAFRA is expected to review all Prescribed Instruments issued under the <i>Nutrient Management Act</i> in areas where the activities they regulate are, or would be, significant drinking water threats to ensure the Prescribed Instruments contain such terms and conditions, including the Prescribed Instruments that are not directly created or issued by OMAFRA, such as Nutrient	No	N/A	

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Policy Number	Source Protection Plan Policies within the City of Guelph	City of Guelph is the Implementing Body?	Implementation Status (1 Feb 2017)	Comments
	Management Plans.			
CG-NB-1.26 <i>Existing/Future Specify Action</i>	OMAFRA, and other creators/issuers of Prescribed Instruments under the <i>Nutrient Management Act</i> , are expected to consult with the Risk Management Official with respect to any modifications or requirements that may need to be incorporated into such Prescribed Instruments to ensure the activities they regulate cease to be or never become significant drinking water threats.	No	N/A	
Transition Policies				
CG-CW-2.1 <i>Transition</i>	<p>For the purposes of the City of Guelph Source Protection Plan policies, where one or more of the following has been received prior to the Source Protection Plan coming into effect:</p> <ul style="list-style-type: none"> a. A complete application for site plan approval under the <i>Planning Act</i>; b. A complete application for Environmental Compliance Approval; or c. A complete application for a Building Permit; <p>A related significant threat activity shall be permitted subject to the policies pertaining to existing significant threat activity as well as any further applications required under the <i>Planning Act</i>, <i>Condominium Act</i>, Building Permit or Prescribed Instruments required to implement the development proposal associated with this significant threat activity. Where the above noted applications have</p>	Yes	Fully Implemented	

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	lapsed or been withdrawn, this policy shall no longer apply.			
8.4 Policies Addressing Prescribed Drinking Water Threats				
1. Establishment, Operation or Maintenance of a Waste Disposal Site, within the Meaning of Part V of the <i>Environmental Protection Act</i>				
CG-MC-3 a) b) <i>Existing/Future Prescribed Instr. WHPA-A-v.10; WHPA-B-v.10; WHPA-B-v.8; WHPA-C-v.8; ICA (NIT/TCE)</i> c) <i>Future Prescribed Instr. WHPA-A-v.10; WHPA-B-v.10; WHPA-B-v.8; WHPA-C-v.8; ICA (NIT)</i> d)	For waste disposal sites within the meaning of Part V of the <i>Environmental Protection Act</i> within vulnerable areas where this activity is or would be a significant drinking water threat: a. For an existing waste disposal site, the Ministry of Environment shall ensure that the Environmental Compliance Approval that governs the waste disposal site includes terms and conditions, as appropriate, to ensure the activity ceases to be a significant drinking water threat; b. For future waste disposal sites including discharges from future mine tailings ponds under the <i>Ontario Water Resource Act</i> and/or for future waste disposal sites within the meaning of Part V of the <i>Environmental Protection Act</i> , except for waste disposal sites-storage, the Ministry of the Environment shall prohibit these activities within the Environmental Compliance Approvals process so that these activities never become a significant drinking water threat; and c. For future waste disposal sites - storage, the Ministry of Environment shall ensure that the Environmental Compliance Approval that governs the waste disposal site - storage includes appropriate terms and conditions to ensure that the waste disposal site never becomes a significant drinking water threat.	No	N/A	

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<i>Existing/Future WHPA-A-v.10</i>	d. The Ministry of Environment shall ensure that the Environmental Compliance Approval that governs an existing or new temporary waste destruction unit for Polychlorinated biphenyl contains appropriate terms and conditions to ensure that the activity ceases to be or does not become be a significant drinking water threat. The Environmental Compliance Approval shall include annual reporting to the Ministry of the Environment of water quality monitoring in related groundwater monitoring wells and surface water monitoring locations as appropriate.			
CG-CW-4 <i>Existing/ Future Part IV-RMP WHPA-A-v.10; WHPA-B-v.10; WHPA-B-v.8; WHPA-C-v.8; ICA (NIT/TCE)</i>	The establishment, operation and maintenance of a waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> and/or storage facility exempt from Environmental Compliance Approvals under Section 39 of the <i>Environmental Protection Act</i> within vulnerable areas where this activity is or would be a significant drinking water threat has been designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan is required except for the following. For the storage of hazardous or liquid industrial waste or waste as described in clauses (p), (q), (r), (s), (t) or (u) of the definition of hazardous waste for Wellhead Protection Areas A and B where the vulnerability is equal to ten (10), the City of Guelph shall develop and implement an education and outreach program and encourage the appropriate handling and disposal of these wastes.	Yes	Not Implemented	
2. Establishment, Operation of Maintenance of a System That Collects, Stores, Transmits, Treats or Disposes of Sewage				
Sewage System or Sewage Works – Septic System				

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Sewage System or Sewage Works – Septic System Holding Tank				
CG-MC-5 <i>Future Land Use Planning WHPA-A-10</i>	To ensure that on-site septic systems never become a significant drinking water threat, new lots that rely on servicing by septic systems with a design flow of less than or equal to 10,000 Litres per day and regulated under the Ontario <i>Building Code Act</i> are prohibited within a Wellhead Protection Area A.	Yes	Fully Implemented	Fully integrated in Development Review , Site Plan process
CG-CW-6 <i>Existing/Future Specify Action WHPA-A-v.10; WHPA-B-v.10; ICA (NIT)</i>	Within vulnerable areas where on-site septic systems and holding tanks are or would be significant drinking water threats, the City of Guelph shall implement an on-site septic system maintenance inspection program, as required under the Ontario <i>Building Code Act</i> with a priority for inspections on those systems in closest proximity to the municipal drinking water supply to ensure this activity ceases to be and/or never becomes a significant drinking water threat.	Yes	Some Progress	Building Department has initiated inspections in 2016
CG-CW-7 <i>Existing Education & Outreach WHPA-A-v.10 WHPA-B-v.10 ICA (NIT)</i>	For existing on-site septic systems and holding tanks within the City of Guelph, the City of Guelph shall encourage landowners through an education and outreach program to connect to a municipal sewage system, when an on-site septic systems and holding tank is used within a vulnerable area, where this activity is a significant drinking water threat, and where municipal services are provided in the immediate vicinity, to ensure this activity ceases to be a significant drinking water	Yes	Some Progress	

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CG-MC-8 <i>Future Land Use Planning</i> WHPA-A-v.10; WHPA-B-v.10; ICA (NIT)	To ensure that future on-site septic systems and holding tanks never become a significant drinking water threat, the City of Guelph shall require all new development to connect to municipal services except where private services are specifically permitted within the Official Plan on the date when the Source Protection Plan comes into effect.	Yes	Fully Implemented	Fully integrated in Development Review , Site Plan process
CG-NB-9 <i>Existing Incentive</i> WHPA-A-v.10; WHPA-B-v.10; ICA (NIT)	To ensure existing on-site septic systems and holding tanks cease to be a significant drinking water threat, the Grand River Conservation Authority, in consultation with the City of Guelph, will deliver available cost share incentive programs, where such an activity is a significant drinking water threat, as long as the Grand River Conservation Authority has such programs and outreach staff available, and work with affected land owners to implement best management practices.	Yes	Not Implemented	
CG-MC-10 <i>Existing/Future Prescribed Instr.</i> WHPA-A-v.10; WHPA-B-v.10; ICA (NIT)	For existing and future septic systems regulated under the <i>Ontario Water Resources Act</i> located within vulnerable areas where they are or would be a significant drinking water threat, the Ministry of the Environment shall ensure that the Environmental Compliance Approval that governs the septic system includes appropriate terms and conditions to ensure this activity ceases to be and/or never becomes a significant drinking water threat.	No	N/A	
Sewage System or Sewage Works – Storage of Sewage (e.g., treatment plant tanks) Sewage System or Sewage Works – Sewage Treatment Plant Effluent Discharges (includes lagoons)				
CG-MC-11	For existing and future sewage treatment plants located	No	N/A	

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<p><i>Existing/Future Prescribed Instr. WHP A-A-v.10; WHP A-B-v.10; WHPA-B-v.8; WHPA-C-v.8; ICA (NIT/TCE)</i></p>	<p>within vulnerable areas where the activities are or would be a significant drinking water threat, the Ministry of the Environment shall ensure that the Environmental Compliance Approval that governs the sewage treatment plant includes appropriate terms and conditions to ensure that these activities cease to be and/or do not become a significant drinking water threat.</p>			
<p>CG-MC-12</p> <p><i>Future Land Use Planning WHPA-A-v.10; WHPA-B-v.10; WHPA-B-v.8; WHPA-C-v.8; ICA (NIT/TCE)</i></p>	<p>To ensure sewage treatment plant effluent discharges (including lagoons) never become a future significant drinking water threat related to a sewage treatment plant, the City of Guelph shall require that, for any <i>Planning Act</i> application, for a new Industrial/ Commercial/ Institutional use that a Waste Survey Report be filed as part of the complete application requirements.</p>	<p>Yes</p>	<p>Fully Implemented</p>	<p>Fully integrated in Development Review, Site Plan process</p>
<p>CG-CW-13</p> <p><i>Existing Education & Outreach WHPA-A-v.10; WHPA-B-v.10; WHPA-B-v.8; WHPA-C-</i></p>	<p>To ensure sewage treatment plant effluent discharges (including lagoons) cease to be a significant drinking water threat related to a sewage treatment plant, the City of Guelph shall encourage the existing Industrial/ Commercial/ Institutional Sector to complete the Waste Survey Report as part of a new education and outreach program.</p>	<p>Yes</p>	<p>Not Implemented</p>	

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<i>v.8; ICA (NIT/TCE)</i>				
Sewage System or Sewage Works – Sanitary Sewers and Related Pipes				
CG-MC-14 <i>Existing/Future Prescribed Instr. WHPA-A-v.10; WHPA-B-v.10; ICA (NIT)</i>	For existing and future sanitary sewers and pipes within vulnerable areas where this activity is or would be a significant drinking water threat, the Ministry of the Environment shall ensure that the Environmental Compliance Approval that governs the sanitary sewer and related pipes includes appropriate terms and conditions to ensure the activity ceases to be and/or never becomes a significant drinking water threat.	Yes	Some Progress	City maintained Transfer of Review responsibilities for ECA review. Processes will be in place for 2017.
Sewage System or Sewage Works – Discharge of Stormwater from a Stormwater Management Facility				
CG-MC-15 <i>Existing/Future Prescribed Instr. WHPA-A-v.10;</i>	For the existing or future discharge of stormwater from a stormwater management facility within vulnerable areas where this activity is or would be a significant drinking water threat, the Ministry of the Environment shall ensure that the Environmental Compliance Approval that governs the stormwater management facility includes appropriate terms and conditions to ensure that the activity ceases to be and/or never becomes a significant drinking water	No	N/A	

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<i>WHPA-B-v.10; ICA (NIT)</i>	threat.			
3. The Application of Agricultural Source Material to Land				
4. The Storage of Agricultural Source Material				
CG-MC-16 <i>Existing/Future Prescribed Instr. WHPA-A-v.10; WHPA-B-v.10; ICA (NIT)</i>	To ensure existing and future application or storage of agricultural source material ceases to be and/or never becomes a significant drinking water threat, for operations which are managed by Nutrient Management Plans and Strategies under the <i>Nutrient Management Act</i> and located within a vulnerable area where the application or storage is or would be a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs shall ensure that Nutrient Management Plans and Strategies include appropriate terms and conditions to ensure that the risk to drinking water sources is appropriately managed and that required contingency plans contain the requirement for notification of the appropriate municipal official and the Spills Action Centre if a leak is discovered from an agricultural source material facility or there is a spill.	No	N/A	
CG-NB-16.1 <i>Existing/Future Specify Action WHPA-A-v.10 WHPA-B-v.10; ICA (NIT);</i>	To ensure existing and future application or storage of agricultural source material ceases to be and/or never becomes a significant drinking water threat, for operations which are managed by Nutrient Management Plans and Strategies under the <i>Nutrient Management Act</i> and located within a vulnerable area where the application or storage is or would be a significant drinking water threat The Ministry of Environment shall consider prioritizing and conducting regular compliance inspections of agricultural operations, as appropriate, where significant drinking water threat activities exist, and shall consider guiding farmers to improve compliance performance, when needed.	No	N/A	

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CG-CW-17 <i>Existing/Future Part IV-RMP. WHPA-A-v.10; WHPA-B-v.10; ICA (NIT)</i>	<p>To ensure existing and future application or storage of agricultural source material ceases to be and/or never becomes a significant drinking water threat on properties not phased in under the <i>Nutrient Management Act</i> within vulnerable areas where this activity is or would be a significant drinking water threat, the existing and future application or storage of agricultural source material within a vulnerable area is designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i>; and a Risk Management Plan will be required.</p> <p>A Risk Management Plan, if necessary, shall be based upon the regulatory requirements of a Nutrient Management Plan or Strategy under the <i>Nutrient Management Act</i> scoped to address these specific threats.</p>	Yes	Some Progress	
CG-NB-18 <i>Existing/Future Specify</i>	<p>To provide further guidance to the agricultural community about the importance of source water protection to ensure the application or storage of agricultural source material ceases to be and/or never becomes a significant drinking water threat, the Ministry of Agriculture, Food and Rural</p>	No	N/A	

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<i>Action</i> <i>WHPA-A-v.10;</i> <i>WHPA-B-v.10; ICA (NIT)</i>	Affairs is requested to review and amend, if necessary, the information provided to the agricultural community to include information about source water protection, the location of Wellhead Protection Areas and the appropriate use of agricultural source material within vulnerable areas where this activity is or would be a significant water threat. The information provided should encourage farm operators located within these vulnerable areas to complete an Environmental Farm Plan.			
6. The Application of Non-Agricultural Source Material (NASM) to Land 7. The Handling and Storage of Non-Agricultural Source Material (NASM)				
CG-MC-19 <i>Existing/Future Prescribed Instr.</i> <i>WHPA-A-v.10;</i> <i>WHPA-B-v.10; ICA (NIT)</i> <i>Applies only to the application of NASM containing materials from a meat plant or</i>	Where the existing application, or handling and storage of non-agricultural source material in a Wellhead Protection Area A is or where the future application, or handling and storage of non-agricultural source material in a Wellhead Protection Area or where a nitrate issue has been identified would be a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs and Ministry of the Environment shall ensure all non-agricultural source material plans (NASM plans) and Environmental Compliance Approvals required under the <i>Nutrient Management Act</i> and <i>Environmental Protection Act</i> include appropriate terms and conditions to ensure the activity ceases to be and/or never becomes a significant drinking water threat.	No	N/A	

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Policy Number	Source Protection Plan Policies within the City of Guelph	City of Guelph is the Implementing Body?	Implementation Status (1 Feb 2017)	Comments
<p><i>sewage works</i></p> <p>CG-CW-20</p> <p><i>Future Part IV-Prohibit WHPA-A-v.10</i></p> <p><i>Applies only to the application of NASM containing materials from a meat plant or sewage works</i></p>	<p>To ensure the future application, or handling and storage of non-agricultural source material in a Wellhead Protection Area A never becomes a significant drinking water threat, these activities are designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and are therefore prohibited.</p>	<p>Yes</p>	<p>Fully Implemented</p>	<p>Fully integrated in Development Review , Site Plan process</p>
<p>CG-NB-21</p> <p><i>Existing/Future Specify Action WHPA-A-v.10; WHPA-B-v.10; ICA (NIT)</i></p> <p><i>Applies only to the application of</i></p>	<p>To ensure compliance with non-agricultural source material plans and the existing and future application, or handling and storage of non-agricultural source material cease to be and/or never become a significant drinking water threat, where these activities are or would be a significant drinking water threat, the Ministry of the Environment shall consider prioritizing inspections based on proximity to the wellhead and conduct regular compliance inspections of operations, as appropriate.</p>	<p>No</p>	<p>N/A</p>	

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Policy Number	Source Protection Plan Policies within the City of Guelph	City of Guelph is the Implementing Body?	Implementation Status (1 Feb 2017)	Comments
<i>NASM containing materials from a meat plant or sewage works</i>				
8. The Application of Commercial Fertilizer to Land 9. The Handling and Storage of Commercial Fertilizer				
CG-MC-22 <i>Existing/Future Prescribed Instr. WHPA-A-v.10 WHPA-B-v.10 ICA (NIT)</i> <i>Does currently not apply to the application of commercial fertilizer due to percent managed land and livestock density calculation</i>	Where the existing or future application of commercial fertilizer is or would be a significant drinking water threat within a vulnerable area, the Ministry of Agriculture, Food and Rural Affairs shall ensure that Nutrient Management Plans required under the <i>Nutrient Management Act</i> include appropriate terms and conditions to ensure that the activity ceases to be and/or never becomes a significant drinking water threat.	No	N/A	
CG-CW-23	To ensure the existing or future application and storage of commercial fertilizer cease to be or never become	Yes	Some Progress	

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<p><i>Existing/Future Part IV- RMP WHPA-A-v.10 WHPA-B-v.10 ICA (NIT)</i></p> <p><i>Does currently not apply to the application of commercial fertilizer due to percent managed land and livestock density calculation</i></p>	<p>significant drinking water threats for properties not phased in under the <i>Nutrient Management Act</i>, and/or the existing storage of commercial fertilizer of greater than 2,500 Kilograms of commercial fertilizer in Wellhead Protection Area A and B, and/or new or expanded storage of commercial fertilizer of greater than 2,500 Kilograms of commercial fertilizer outside of a Wellhead Protection Area A, this activity is designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan is required.</p> <p>The Risk Management Plan for the application and storage of commercial fertilizer for agricultural operations shall be based upon, as a minimum, the regulatory requirements of a Nutrient Management Plan under the <i>Nutrient Management Act</i> and scoped to address this specific threat.</p>			
<p>CG-MC-24</p> <p><i>Future Land Use Planning WHPA-A-v.10</i></p>	<p>To ensure that the new storage of fertilizer never becomes a significant drinking water threat within vulnerable areas where this activity would be a significant drinking water threat, the storage of greater than 2,500 Kilograms of commercial fertilizer, new or expanded manufacturing and wholesale warehousing facilities with storage of greater than 2,500 Kilograms of commercial fertilizer is prohibited within a Wellhead Protection Area A using tools under the <i>Planning Act</i>.</p>	Yes	Fully Implemented	
<p>10. The Application of Pesticide to Land</p> <p>11. The Handling and Storage of Pesticides</p>				
CG-MC-25	To ensure that the existing or future application, or handling and storage of pesticide cease to be and/or never	No	N/A	

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<i>Existing/Future Prescribed Instr. WHPA-A-v.10 WHPA-B-v.10</i>	become significant drinking water threats within a vulnerable area, where these activities are or would be significant drinking water threats, the Ministry of the Environment shall ensure that all permits under the <i>Pesticide Act</i> include appropriate terms and conditions.			
CG-CW-26 <i>Existing/Future Part IV-RMP WHPA-A-v.10 WHPA-B-v.10</i>	<p>To ensure that the existing or future application, or handling and storage of pesticide cease to be and/or never become a significant drinking water threat within a vulnerable area, where these activities are or would be significant drinking water threats, excluding the future handling and storage of greater than 2,500 Kilograms of pesticide or the storage of greater than 250 Kilograms for retail sale or for extermination within a Wellhead Protection Area A, these activities are designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan is required.</p> <p>A Risk Management Plan shall incorporate, as a minimum, best management practices, monitoring and an inspection protocol.</p>	Yes	Some Progress	
CG-MC-27 <i>Future Land Use Planning WHPA-A-v.10</i>	To ensure that the future storage of pesticide never becomes a significant drinking water threat within vulnerable areas, where this activity would be a significant drinking water threat, new manufacturing and wholesale warehousing facilities with storage of greater than 2,500 Kilograms of pesticide or the storage of greater than 250 Kilograms for retail sale or for extermination are prohibited within a Wellhead Protection Area A using tools	Yes	Fully Implemented	

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	under <i>Planning Act</i> .			
13. The Handling and Storage of Road Salt				
CG-CW-28 <i>Future Specify Action WHPA-A-v.10 WHP A-B-v.10</i>	To ensure that the future handling and storage of road salt never becomes a significant drinking water threat within the vulnerable areas, where this activity would be a significant drinking threat, within two (2) years of the date that the Source Protection Plan comes into effect, the City of Guelph shall amend the Salt Management Plan to identify the location of Wellhead Protection Areas and utilize best management practices in these areas.	Yes	Some Progress	Salt Management Plan is being updated for 2017
CG-MC-29 <i>Future Land Use Planning WHPA-A-v.10 WHPA-B-v.10</i>	To ensure that the future handling and storage of salt never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, the City of Guelph shall require new development to be designed based on best management practices regarding handling and storage.	Yes	Fully Implemented	Fully integrated in Development Review , Site Plan process
CG-MC-30 <i>Future Land Use Planning WHPA-A-v.10 WHPA-B-v.10</i>	To ensure that future storage of road salt of greater than 5,000 tonnes never becomes a significant drinking water threat within vulnerable areas, where this activity would be a significant drinking water threat, this activity shall be prohibited using tools under the <i>Planning Act</i> .	Yes	Fully Implemented	Fully integrated in Development Review , Site Plan process
CG-CW-31 <i>Future Education &</i>	To ensure that the future handling and storage of road salt never becomes a significant drinking water threat within the vulnerable areas, where this activity would be a significant drinking water threat, the City of Guelph	Yes	Some Progress	

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<i>Outreach WHPA-A-v.10 WHPA-B-v.10</i>	shall establish or enhance the education and outreach programs for the private and public sector, as well as the general public, about the impacts of road salt on drinking water sources and the use of best management practices. It is recommended that the key messages be the efficient use of road salts and the use of alternatives.			
14. The Storage of Snow				
CG-MC-32.1 <i>Future Land Use Planning WHP A-A-v.10 WHP A-B-v.10 ICA (NIT)</i>	To ensure that the future storage of snow never becomes a significant drinking water threat within vulnerable areas, where this activity would be a significant drinking water threat, the City of Guelph shall require new development to be designed and maintained based on best management practices regarding snow storage including the provision of designated snow storage areas and the management of associated melt water.	Yes	Fully Implemented	Fully integrated in Development Review , Site Plan process
CG.CW.32.2 <i>Existing/ Future Part IV- RMP WHPA-A- v.10 WHPA-B-v.10 ICA (NIT)</i>	To ensure that the existing and future storage of snow ceases to be and/or never becomes a significant drinking water threat within vulnerable areas, where this activity is or would be a significant drinking water threat, the activity of storage of snow has been designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan is required.	Yes	Some Progress	

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15. The Handling and Storage of Fuel				
CG-CW-33 <i>Existing/Future Education & Outreach</i> <i>WHPA-A-v.10</i> <i>WHPA-B-v.10</i>	To ensure that the existing and future handling and storage of fuel ceases to be and/or never becomes a significant drinking water threat within a vulnerable area, where this activity is or would be a significant drinking water threat, the City of Guelph shall develop and implement an education and outreach program for identified fuel oil tanks with storage of fuel greater than 250 Litres and less than or equal to 2,500 Litres outlining the requirements of owning a heating oil system including proper maintenance and the steps to be taken if there is a spill or leak detected based on guidance information provided from the Technical Standards and Safety Authority and other heating oil system provides/ agencies.	Yes	Some Progress	
CG-CW-34 a)	To ensure that existing and future handling and storage of fuel greater than 2,500 Litres ceases to be and/or never becomes a significant drinking water threat	Yes	Some Progress	

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<i>Future Part IV-Prohibit WHPA-A-v.10</i> <i>b)</i> <i>Existing/Future Part IV-RMP WHPA-A-v.10 WHPA-B-v.10</i>	<p>within a vulnerable area, where this activity is or would be a significant drinking water threat;</p> <p>a. Within a Wellhead Protection Area A, new handling and storage of fuel in conjunction with a new retail gas station or new or bulk fuel storage facility excluding bulk fuel storage associated with a municipal emergency generator facility is designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and is therefore prohibited; and</p> <p>b. Within Wellhead Protection Areas A and B, the existing and new handling and storage of fuel, within a vulnerable area, is designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan is required. The Risk Management Plan shall be scoped to a Contaminant Management Plan and any monitoring, reporting and auditing requirements required by the Technical Standards and Safety Authority, as appropriate.</p>			
CG-MC-35 <i>Future Land Use Planning WHPA-A-v.10</i>	<p>To ensure that the future handling and storage of fuel never becomes a significant drinking water threat within vulnerable areas where this activity would be a significant drinking water threat, the future handling and storage of fuel in conjunction with a new or expanded retail gas station and new or expanded bulk fuel storage facility excluding bulk fuel storage associated with a municipal emergency generator facility is prohibited within a Wellhead Protection Area A using tools under the <i>Planning Act</i>.</p>	Yes	Fully Implemented	Fully integrated in Development Review, Site Plan process
CG-MC-36 <i>Future</i>	<p>Where future handling and storage of fuel would be a significant drinking water threat within a vulnerable area for activities regulated under the <i>Aggregate Resources Act</i>, the Ministry of Natural Resources and</p>	No	N/A	

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<i>e Prescribed Instr.</i> <i>WHPA-A-v.10</i> <i>WHPA-B-v.10</i>	Forestry should ensure that licenses, permits and/or site plans issued under the <i>Aggregate Resources Act</i> and/or related regulations, standards and policies include terms and conditions, as appropriate, to ensure that the activity never becomes a significant drinking water threat.			
16. The Handling and Storage of a Dense Non-Aqueous Phase Liquid (DNAPL)				
CG-CW-37 a) <i>Future Part IV-Prohibit.</i> <i>WHPA-A-v.10</i> b) <i>Existing/Future Part IV-RMP</i> <i>WHPA-A/B/C</i> <i>ICA(TCE)</i>	To ensure that the existing and future handling and storage of a dense non-aqueous phase liquid ceases to be and/or never becomes a significant drinking water threat, within a vulnerable area, where this activity would be a significant drinking water threat: <ul style="list-style-type: none"> a. New or expanded handling and storage of specified dense non-aqueous phase liquids is designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and is therefore prohibited within a Wellhead Protection Area A; and, b. New or expanded handling and storage of dense non-aqueous phase liquids outside of the Wellhead Protection Area A and existing handling and storage of dense non-aqueous phase liquids within a vulnerable area, where this activity is a significant drinking water threat, this activity is designated for the purposes of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan is required. A Risk Management Plan for a significant threat that is Technical Standards and Safety Authority regulated shall be scoped to a Contaminant Management Plan and any monitoring, reporting and auditing requirements 	Yes	Some Progress	

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	provided to the Technical Standards and Safety Authority as appropriate to address the significant drinking water threat.			
CG-MC-38 <i>Future Land Use Planning WHPA-A-v.10</i>	To ensure that the future storage of dense non-aqueous phase liquid never becomes a significant drinking water threat, within vulnerable areas, where this activity would be a significant drinking water threat, new or expanded storage of the specified dense non-aqueous phase liquids identified as a significant drinking water threat under the <i>Clean Water Act, 2006</i> is prohibited within a Wellhead Protection Area A using tools under the Planning Act.	Yes	Fully Implemented	Fully integrated in Development Review , Site Plan process
CG-CW-39 <i>Existing Education & Outreach WHPA-A/B/C ICA(TCE)</i>	To ensure that existing handling and storage of a dense non-aqueous phase liquid ceases to be a significant drinking water threat within a vulnerable area, where this activity would be a significant drinking water threat, the City of Guelph shall develop and implement education and outreach programs to encourage business and industry to utilize alternative products where available.	Yes	Some Progress	
17. The Handling and Storage of an Organic Solvent				
CG-CW-40 <i>a) Existing/Future Part IV-Prohibit WHPA-A- v.10 b)</i>	To ensure that existing and future handling and storage of organic solvents ceases to be and/or never becomes a significant drinking water threat within a vulnerable area, where this activity is or would be a significant drinking water threat: a. Any new or expanded handling and storage of the specified organic solvents in the quantities identified as significant drinking water threats are designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and are therefore prohibited	Yes	Some Progress	

Attachment 3 - City of Guelph

Summary of Implementation Progress of Source Protection Plan Policies as of 1 February 2017

Policy Number	Source Protection Plan Policies within the City of Guelph	City of Guelph is the Implementing Body?	Implementation Status (1 Feb 2017)	Comments
<p><i>Existing/Future Part IV- RMP WHPA-B-v.10</i></p> <p><i>c)</i></p> <p><i>Existing/Future Education & Outreach WHPA-A-v.10 WHPA-B-v.10</i></p>	<p>within a Wellhead Protection Area A;</p> <p>b. The existing and future handling and storage of organic solvents is designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> within vulnerable areas in the Wellhead Protection Area B and a Risk Management Plan is required; and</p> <p>c. The City of Guelph shall continue the established education and outreach programs on hazardous waste disposal, responsible waste disposal and reduction of waste including organic solvents in Wellhead Protection Area A and B.</p>			
<p>CG-MC-41</p> <p><i>Future Land Use Planning WHPA-A-v.10</i></p>	<p>To ensure that new or expansion to existing storage of organic solvents never becomes a significant drinking water threat within vulnerable areas, where this activity would be a significant drinking water threat, the new or expanded storage of the specified organic solvents in the quantities identified as a significant drinking water threat is prohibited within a Wellhead Protection Area A using tools under the <i>Planning Act</i>.</p>	<p>Yes</p>	<p>Fully Implemented</p>	
<p>18. The Management of Runoff that Contains Chemicals Used in De-icing of Aircraft</p>				
<p>CG-NB-42</p> <p><i>Future Specify Action WHPA-A-v.10 WHPA-B-v.10</i></p>	<p>To ensure that future runoff containing de-icing chemicals never becomes a significant drinking water threat within a vulnerable area, where this activity would be a significant drinking water threat, the airport authority/operator is encouraged to include appropriate design standards and best management practices.</p> <p>The City of Guelph shall report to the Source Protection Authority if an application has been made for a new airport facility within the vulnerable areas where this activity would</p>	<p>Yes</p>	<p>Fully Implemented</p>	<p>No new airport facility proposed</p>

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<i>Monitoring</i>	be a significant drinking water threat by February 1 st of each year.			
21. The Use of Land as Livestock Grazing or Pasturing Land, an Outdoor Confinement Area or Farm Animal Yard				
CG-MC-43 <i>Existing/Future Prescribed Instr. WHPA-A-v.10 WHPA-B-v.10 ICA(NIT)</i>	To ensure that the existing and future use of land as an outdoor confinement area or farm animal yard on farms phased-in under the <i>Nutrient Management Act</i> ceases to be and/or never becomes a significant drinking water threat within a vulnerable area where this activity is or would be a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs shall ensure all Nutrient Management Strategies include appropriate terms and conditions to ensure the risk to drinking water sources is managed.	No	N/A	
CG-CW-44 <i>Existing/Future Part IV-RMP WHPA-A-v.10 WHPA-B-v.10 ICA(NIT)</i>	To ensure that the existing or future use of land as an outdoor confinement area, or farm animal yard on farms not phased-in under the <i>Nutrient Management Act</i> , or the use of land for livestock grazing or pasturing on all farms ceases to be and/or never becomes a significant drinking water threat within vulnerable areas, where this activity is or would be a significant drinking water threat, this activity is designated for the purposes of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan is required. Risk Management Plans shall be based upon the regulatory requirements of a Nutrient Management Strategy under the <i>Nutrient Management Act</i> as a minimum and incorporate best management practices.	Yes	Fully Implemented	Fully integrated in Development Review , Site Plan process

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CG-NB-45 <i>Existing/Future Incentive Program</i> <i>Specify Action WHPA-A-v.10</i> <i>WHPA-B-v.10</i> <i>ICA(NIT)</i>	<p>To ensure that the existing or future use of land as an outdoor confinement area or farm animal yard on farms not phased-in under the <i>Nutrient Management Act</i>, or the use of land for livestock grazing or pasturing on all farms ceases to be and/or never becomes a significant drinking water threat within vulnerable areas, where this activity is or would be a significant drinking water threat:</p> <ul style="list-style-type: none"> a. The Ministry of the Environment is encouraged to continue to provide ongoing funding for stewardship projects on agricultural properties; and b. The Ministry of Environment shall consider prioritizing and conducting regular compliance inspections of agricultural operations, as appropriate, and shall consider guiding farmers to improve compliance performance, when needed. 	No	N/A	