



## Long Point Region Source Protection Area

# APPROVED SOURCE PROTECTION PLAN

## VOLUME II

*Prepared on behalf of:  
Lake Erie Region Source Protection Committee*

*Under the Clean Water Act, 2006  
(Ontario Regulation 287/07)*

**November 4, 2015**

## DOCUMENT AMENDMENTS

Amendments to this document, made under Ontario Regulation 287/07, Section 51 following approval on November 4, 2015, are summarized below:

<b>DATE AMENDMENT POSTED</b>	<b>DESCRIPTION OF AMENDMENT</b>
February 21, 2017	Text updated to reflect implementation of new provincial threats tool ( <a href="http://www.swpip.ca">www.swpip.ca</a> )

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*Note: In June 2014 the Ministry of the Environment changed its name to the Ministry of the Environment and Climate Change and the Ministry of Natural Resources changed its name to the Ministry of Natural Resources and Forestry. The new and former names of both Ministries are used within this document.*

## **1.0 INTRODUCTION**

The Long Point Region Source Protection Plan is a document that contains policies to protect sources of drinking water against existing and future drinking water threats prescribed in the *Clean Water Act, 2006* within the Long Point Region watershed.

The Source Protection Plan is comprised of two volumes and accompanied by an Explanatory Document. This second volume of the Source Protection Plan contains the Source Protection Plan policies. The policies are assigned a legal effect and direct implementing bodies to comply with, conform with, or have regard to these policies. Some policies are non-legally binding.

Below is a brief description of what is included in Volume I and the Explanatory Document.

### **Volume I**

Volume I of the Source Protection Plan provides the context for the plan, which includes a brief history of source protection planning and the *Clean Water Act, 2006*, Source Protection Plan objectives, and a description of the watershed/source protection area.

The Updated Long Point Region Source Protection Area Assessment Report, approved by the Ministry of the Environment on February 23, 2012, is a key component of the Source Protection Plan. This assessment report forms the basis of the Source Protection Plan and provides information, including mapping, for understanding its objectives and policies. Further updates were made between its approval in 2012 and March 2015. These updates have been incorporated into the Updated Assessment Report, which was posted for a 30-day public consultation period beginning on February 9, 2015. The Updated Long Point Region Assessment Report was re-submitted to the Ministry of the Environment for their review and approval on June 3, 2015. The full report is available online at [www.sourcewater.ca](http://www.sourcewater.ca).

### **Explanatory Document**

Section 40 of O. Reg. 287/07 under the *Clean Water Act, 2006* requires an Explanatory Document be prepared and submitted with the Source Protection Plan. The Explanatory Document is not part of the Source Protection Plan; however, it provides interested parties with the rationale used by the policy makers when developing the Source Protection Plan policies. Further, the Explanatory Document summarizes the key factors considered when selecting policy approaches.

### **1.1 Source Protection Plan- Legal Effect**

As required by the *Clean Water Act, 2006*, the Source Protection Plan policies must identify who or what agency will be responsible for implementation. The legal effect describes whether there is an obligation for the responsible party to implement the policy. Three factors determine the legal effect of a policy: 1) the policy tool, 2) the threat ranking (significant / moderate / low), and 3) the implementing body. For example, a specify action policy could direct a municipality to comply with a significant drinking water threat policy, whereas a Provincial Ministry would not be legally bound to comply with the policy. This information is presented in the Legal Effect Matrix, included in Appendix C of Volume I.

Part III (Effect of Source Protection Plans) of the *Clean Water Act, 2006* gives the Source Protection Plan and its policies their various legal effects. Within Part III, certain provisions require specific statutory decisions to conform to or comply with the significant threat policies; therefore, the implementing bodies have an obligation to implement the Source Protection Plan policies. The Ministry of the Environment provided direction under section 34 of O. Reg. 287/07 to ensure a consistent method of identifying the policies' legal effect under one or more provisions of Part III of the *Clean Water Act, 2006*. The following is included in Appendix A of Volume II.

- List A Significant threat policies that affect decisions under the *Planning Act* and *Condominium Act, 1998*
- List B Moderate and low threat policies that affect decisions under the *Planning Act* and *Condominium Act, 1998*
- List C Significant threat policies that affect prescribed instrument decisions
- List D Moderate and low threat policies that affect prescribed instrument decisions
- List E Significant threat policies that impose obligations on municipalities, source protection authorities and local boards
- List F Monitoring policies referred to in subsection 22(2) of the *Clean Water Act, 2006*
- List G Policies related to section 57 of the *Clean Water Act, 2006*
- List H Policies related to section 58 of the *Clean Water Act, 2006*
- List I Policies related to section 59 of the *Clean Water Act, 2006*
- List J Strategic Action policies
- List K Significant threat policies targeted to bodies other than municipalities, local board or source protection authorities for implementation

In addition to the lists above, two tables are included which identify the type of prescribed instrument that the policy affects, in relation to Lists C and D, and a summary of all the policies with respect to the above lists. These tables are presented in Appendix B of Volume II.

The *Clean Water Act, 2006* identifies policy tools to address the prescribed drinking water threats identified in O. Reg. 287/07. This Volume contains the policies developed to address existing and future drinking water threats within the Long Point Region Source Protection Area.

## 2.0 HOW TO READ THE SOURCE PROTECTION PLAN POLICIES

There are four municipalities with a drinking water systems located within the Long Point Region Source Protection Area. This Source Protection Plan has been divided into municipal sections containing the applicable Source Protection Plan policies for each of the respective municipalities. Further information and rationale is included in Volume I of the Source Protection Plan and in the Explanatory Document.

### 2.1 Policy Format

Each policy addresses significant drinking water threats as per the Ministry of the Environment's Table of Prescribed Threats. In most cases, the Ministry of the Environment's Prescribed Drinking Water Threat is stated within the policy and it is understood that this will include all sub-threats as listed in the Provincial Source Water Protection Threats Tool, which can be found at [www.sourcewater.ca](http://www.sourcewater.ca). These prescribed drinking water threats are also described in the Source Protection Plan - Volume I.

The policies in the Long Point Region Source Protection Plan are organized by municipality similar to that presented in the Assessment Report. Each municipal section contains the following information:

- Municipal Specific Definitions
- Municipal Specific Source Protection Plan Policies
- Municipal Policies addressing Prescribed Drinking Water Threats
- Appendix A:
  - List of Policies as per Section 34 of O. Reg. 287/07
- Appendix B:
  - Table 1: Prescribed Instruments which apply to Source Protection Plan policies in Lists C and D
  - Table 2 : Policy Summary Matrix
- List of Schedules: Policy Applicability Mapping

In some cases, policies have been included in this Source Protection Plan, even though it is in the opinion of the municipalities and the Source Protection Committee that certain activities are unlikely to occur in the future. Policies addressing potential future drinking water threats are required to be included in the Source Protection Plan, as per the objectives outlined in the *Clean Water Act, 2006*.

### 2.2 Policy Identifier

To assist the reader, an identifier has been used for each policy. The identifier specifies the system/ policy location, policy number, and its legal effect (i.e., OC-CW-1.0).

The system/ policy location is identified first:

- OC – County of Oxford
- NC – Norfolk County
- HC – Haldimand County
- EC – Elgin County

The legal effect follows the policy location identifier and is designated as follows:

- CW – Comply With
- MC – Must Conform
- NB – Non-legally Binding

Each policy is numbered sequentially.

Significant threat policies address existing drinking water threats, potential future threats, or both. The policy text also includes the agency responsible for implementation.

### 2.2.1 Legal Effects

A description of the legal effects is presented below and the associated legal effect policy matrix is presented in Volume I for reference.

The policies in the Source Protection Plan have one of three types of legal effect – “must conform/comply with” policies, “have regard to” policies, and “non-legally binding” policies. The following is an explanation of which policies fall under each legal effect provision. The appendices of the Source Protection Plan also contain lists of policies ensuring Source Protection Plan policies are designated the appropriate legal effect provision as outlined in the *Clean Water Act, 2006*. Specific reference to these lists is included in the definitions below, where applicable.

#### Must Conform (MC) / Comply With (CW)

- The *Clean Water Act, 2006* requires municipalities, local boards, or source protection authorities to comply with any obligations imposed on it to address a significant drinking water threat (activity/condition), regardless of the particular tool or approach used in the policy (see List E).
- The *Clean Water Act, 2006* requires decisions under the *Planning Act* and *Condominium Act* to conform with a significant drinking water threat (activity/condition) policies (see List A).
- The *Clean Water Act, 2006* requires decisions related to prescribed instruments to conform with a significant drinking water threat (activity/condition) policies (see List C).
- Persons carrying out significant threat activities must comply with policies that use Part IV powers under the *Clean Water Act, 2006*.
- The Source Protection Plan must designate a public body<sup>1</sup> to carry out monitoring required by the *Clean Water Act, 2006* and these public bodies must conform with the obligations set out in the monitoring policies (see List F).

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<sup>1</sup> Public body is defined in section 2 of the CWA and means “a municipality, local board or conservation authority, a ministry, board, commission, agency or official of the Government of Ontario, or a body prescribed by the regulations”. Based on this definition, a commission like the Niagara Escarpment Commission is a public body, whereas any federal government ministry and the Technical Standards and Safety Authority (TSSA) are not.

### Non-legally Binding (NB)

The Source Protection Plan includes other types of policies that, while the Source Protection Committee has determined are important to achieving the Plan's objectives, are not given legal effect by the *Clean Water Act, 2006*. These may include:

- Significant, moderate and low drinking water threats and/or condition policies to be implemented by bodies other than municipalities, local boards or source protection authorities, and which do not rely on Part IV or the *Clean Water Act, 2006*, prescribed instruments or *Planning Act and Condominium Act* tools.
- Other permitted policies governing:
  - Incentive programs and education & outreach programs, not aimed towards a specific threat activity or Condition including those for systems not in terms of reference
  - The update of spills prevention, contingency or response plans along highways, railways or shipping lanes
  - Climate conditions data collection
  - Transport pathways in WHPA or IPZ.
- Optional monitoring policies (i.e. moderate/low drinking water threats in areas where the threat could never become significant and monitoring of other permissible plan policies) to be implemented by bodies other than municipality, local boards or source protection authorities.

Not all policy options mentioned above have been included in the Long Point Region Source Protection Plan. Volume I of the Source Protection Plan provides additional detail on optional content and what has and has not been included in the Source Protection Plan.

### 2.3 Sidebar

Information is provided in a sidebar below the Policy Identifier to provide a quick reference for the reader when reviewing the Source Protection Plan Policies. The sidebar does not form part of the Source Protection Plan Policies and specifies the following:

- Whether the policy will apply to existing activities, future activities, or both.
- The policy tool that is being applied to manage or prohibit the activity (a summary of the policy tools is presented in Volume I of this Source Protection Plan).
- The vulnerable area where the policy will apply, including the vulnerability score, if applicable.

The following acronyms were used to present this information:

- WHPA: Wellhead Protection Area
- IPZ: Intake Protection Zone
- Part IV- RMP: Part IV of the *Clean Water Act, 2006*, Risk Management Plan
- Part IV- RLU: Part IV of the *Clean Water Act, 2006*, Restricted Land Use
- Prescribed Instr.: Prescribed Instrument (e.g., Environmental Compliance Approval)
- -v. #: Applicable vulnerability score where the policy will apply
- -10: Applicable vulnerability score where the policy will apply
- ICA- Issue Contributing Area
- (NIT)- Nitrate

To aid the policy reader, policies are presented in a standard format (Figure 1).



Figure 1: Example of a Source Protection Plan Policy

## 2.4 Policy Applicability Mapping

Policy applicability mapping has been provided in the Schedules to aid the reader in determining where Source Protection Plan policies apply. This mapping is based on the Approved Assessment Report mapping, modified to indicate where the Source Protection Plan policies may apply, based on the Tables of Drinking Water Threats under the *Clean Water Act, 2006*.

The purpose of this mapping is to provide a summary of the circumstances presented in the Table of Drinking Water Threats. As indicated on the Policy Applicability Map, each vulnerability score is associated with a colour. This colour is then reflected in the summary table provided on the map to indicate which potential drinking water threats would apply to a specific location.

To determine if a policy applies, the policy text, the Assessment Report mapping and the Tables of Drinking Water Threats (specific circumstances) should be consulted. A summary on how to read the Source Protection Plan is provided in Volume I.

The Tables of Drinking Water Threats, *Clean Water Act, 2006* and the Approved Assessment Report are available online at [www.sourcewater.ca](http://www.sourcewater.ca).

## 2.5 Monitoring of Significant Drinking Water Threat Policies

Activities that are or would be significant drinking water threats must be monitored and the effectiveness of the policy at addressing a significant drinking water threat must be evaluated. This evaluation will help the Source Protection Committee determine if the threat policy is effective and/ or if revisions to the policy(ies) would be required in future updates of the Source Protection Plans. The same monitoring policy may be used to monitor one or more drinking water threat policies.

### 3.0 THE COUNTY OF OXFORD

The following County of Oxford Source Protection Plan policies apply to the following Well Systems as presented in Schedules A through F within the Long Point Region watershed. Reference should be made to the Grand River, Catfish Creek and Thames Sydenham & Region Source Protection Plans for Source Protection Policies that would apply outside of the Long Point Region Source Protection Area.

- Schedule A: Dereham Centre Water Supply
- Schedule B: Norwich Water Supply
- Schedule C: Otterville Water Supply
- Schedule D: Springford Water Supply
- Schedule E: Tillsonburg Water Supply (Northwest Wellfields)
- Schedule F: Tillsonburg Water Supply Issue Contributing Area
- Schedule G: Tillsonburg Water Supply (Southeast Wellfields) within the County of Oxford

#### 3.1 Definitions

General definitions are provided in Volume I of the Source Protection Plan or in the *Clean Water Act, 2006*. Defined terms are intended to capture both the singular and plural forms of these terms.

The following definitions shall apply to the County of Oxford Source Protection Policies.

**Area Municipality** – means one or more of the eight lower tier municipalities located within the County of Oxford, consisting of the City of Woodstock, Town of Tillsonburg, Town of Ingersoll and Townships of Blandford-Blenheim, East Zorra-Tavistock, Norwich, Southwest-Oxford and Zorra.

**County** – means the County of Oxford.

**Existing** – means undertaken or established as of the date the Source Protection Plan takes effect, or at some point prior to the date the Source Protection Plan takes effect with a demonstrated intent to continue.

**New or Future** - means not existing, as defined herein.

#### 3.2 The County of Oxford Source Protection Plan Policies

Policy Number	Source Protection Plan Policies within the County of Oxford
<b>Transitional Policies and Implementation Timing</b>	
OC-CW-1.1  <i>Implement. &amp; Timing</i>	Except as set out below or as otherwise prescribed by Section 57 or 58 of the <i>Clean Water Act, 2006</i> the policies contained in this Source Protection Plan shall come into effect on the date set by the Minister. <ol style="list-style-type: none"> <li>a. For Section 57 of the <i>Clean Water Act, 2006</i> if an activity was engaged in a particular location before this Source Protection Plan takes effect, policies regarding prohibited activities do not apply to a person who engages in the <i>activity</i> at that location until 180 days from the date the Source Protection Plan takes effect;</li> </ol>

Policy Number	Source Protection Plan Policies within the County of Oxford
	<ul style="list-style-type: none"> <li>b. For Section 58 of the <i>Clean Water Act, 2006</i> if an activity was engaged in at a particular location before this Source Protection Plan takes 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 the notice is given;</li> <li>c. For Section 59 of the <i>Clean Water Act, 2006</i> restricted land use policies shall come into effect on the day the Source Protection Plan takes effect;</li> <li>d. For Section 43 of the <i>Clean Water Act, 2006</i> if an activity was engaged in a particular location before this Source Protection Plan takes effect, amendments to Prescribed Instruments shall be completed within three (3) years from the date the Source Protection Plan takes effect;</li> <li>e. For Section 40 and 42 of the <i>Clean Water Act, 2006</i> the amendments to the Official Plan required to conform with the significant threat policies shall be adopted by the County within five (5) years of the effective date of the Source Protection Plan. The amendments to the Zoning By-Laws required to conform with the significant threat policies in this Source Protection Plan shall be adopted by the Area Municipalities within three (3) years of the effective date of the above noted amendments to the Official Plan; and</li> <li>f. Where the Source Protection Policies require the development of education and outreach programs as the primary tool for managing or eliminating a particular significant threat, such programs shall be developed and implemented within five (5) years from the date the Source Protection Plan takes effect.</li> </ul>
<p>OC-CW-1.2</p> <p style="text-align: center;"><i>Transition</i></p>	<ul style="list-style-type: none"> <li>a. Notwithstanding the definition of existing, where development is being proposed by one or more of the following applications:               <ul style="list-style-type: none"> <li>i. A site specific amendment to a zoning by-law under subsection 34(10) of the <i>Planning Act</i>;</li> <li>ii. A site plan under subsection 41(4) of the <i>Planning Act</i>; or</li> <li>iii. A building permit under the <i>Building Code Act</i>,</li> </ul>               a significant drinking water threat activity that is to be established as part of the proposed development may be considered existing for the purposes of complying with the applicable significant drinking water threat policies, provided that:               <ul style="list-style-type: none"> <li>iv. The application was deemed to be complete by the applicable approval authority as of the date this Source Protection Plan takes effect; and</li> <li>v. The applicant has certified to the satisfaction of the implementing body named in the applicable significant drinking water threat policy that a particular significant drinking water threat activity is to be undertaken as part of the proposed development.</li> </ul>               Where further development approvals are required to establish the development and related significant drinking water threat activity proposed by such application, that activity may also be considered as existing for the purposes of determining whether those subsequent approvals comply with the applicable significant drinking water threat policies.             </li> </ul> <p>The above noted transition provisions shall cease to apply where any of the approvals or applications required to implement the proposed development have been denied by the applicable approval authority and, where applicable,</p>

Policy Number	Source Protection Plan Policies within the County of Oxford
	<p>the relevant appeal body, or have lapsed or been withdrawn.</p> <p>b. Notwithstanding the definition of existing, where a significant drinking water threat activity is directly related to a land use permitted by existing zoning and does not require any approvals under the <i>Planning Act</i> or Ontario <i>Building Code Act</i> to be lawfully established on a property, such activity shall be considered existing for the purposes of compliance with the applicable significant drinking water threat policies. This provision shall cease to apply at such time as a Risk Management Inspector has conducted a property specific assessment and documented the significant drinking water threat activities that are undertaken or established on a property as of that point in time, following which any significant drinking water threat activity not so documented shall be considered new or future.</p> <p>c. Notwithstanding the definition of existing, where a significant drinking water threat activity is being proposed by way of a new or amended Prescribed Instrument, it shall be considered existing for the purposes of complying with the applicable significant drinking water threat policies provided that the application for the new or amended Prescribed Instrument was deemed to be complete by the applicable approval authority as of the date this Source Protection Plan takes effect.</p> <p><b>Note: the order of the above paragraphs (ii – iv) has been modified.</b></p>
<b>Uses and Areas Designated as Restricted Land Uses</b>	
<p>OC-CW-1.3</p> <p><i>Part IV- Restricted Land Uses</i></p>	<p>In accordance with Section 59 of the <i>Clean Water Act, 2006</i> all land uses identified within the County Official Plan and/or Area Municipal Zoning By-Laws, with the exception of residential uses, that are located within an area where sections 57 and/or 58 of the <i>Clean Water Act, 2006</i> apply (Well Head Protection Areas A, B or C and Issue Contributing Areas), are hereby designated for the purposes of section 59 (Restricted Land Uses). Within these designated land use categories and areas, a notice from the Risk Management Official in accordance with section 59(2) of the <i>Clean Water Act, 2006</i> shall be required prior to approval of any <i>Planning Act</i> or Building Permit application.</p> <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 <i>Planning Act</i> or for a permit under the <i>Building Code Act</i> is not designated for the purposes of Section 59, provided that the planning authority or building official, as applicable, is satisfied that:</p> <p>a. the application complies with the written direction issued by the Risk Management Official; and</p> <p>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 will not be affected by the application.</p>
<b>Official Plan and Zoning By-law Amendment(s) Policies</b>	
<p>OC-MC-1.4</p> <p><i>Future Land Use Planning</i></p>	<p>The County shall amend the Official Plan and the Area Municipalities shall amend their respective Zoning By-Laws to:</p> <p>a. Identify the WHPAs and ICAs in which a significant drinking water threat could occur;</p>

Policy Number	Source Protection Plan Policies within the County of Oxford
	<p>b. Indicate that within the areas identified, any use or activity 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 policies in the Source Protection Plan;</p> <p>c. Identify the significant drinking water threats that are prohibited through Prescribed Instruments, or Section 57 of the <i>Clean Water Act, 2006</i> in accordance with the significant drinking water threat specific policies contained in this Source Protection Plan;</p> <p>d. Incorporate any other amendments required to conform with the significant drinking water threat specific land use policies identified in this Source Protection Plan; and</p> <p>e. Incorporate a cross-reference indicating a planning application cannot be made unless it includes a notice issued by the Risk Management Official as set out in Section 59(1) of the <i>Clean Water Act, 2006</i> and Section 62 of O. Reg 287/07.</p>
<b>Education and Outreach Programs</b>	
<p>OC-CW-1.5</p> <p><i>Existing/Future Education &amp; Outreach</i></p>	<p>The County, in collaboration with Conservation Authorities and other bodies wherever possible, may develop and implement education and outreach programs directed at any, or all, significant drinking water threats, where such programs are deemed necessary and/or appropriate by the County and subject to 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.</p>
<b>Incentive Programs</b>	
<p>OC-CW-1.6</p> <p><i>Existing/Future Incentive</i></p>	<p>The County, in collaboration with the Ministry of the Environment and Climate Change, Conservation Authorities and other bodies wherever possible, may develop and implement incentive programs directed at various significant drinking water threats, where such programs are deemed necessary and/or appropriate by the County and subject to available funding.</p>
<p>OC-NB-1.7</p> <p><i>Existing/Future Incentive</i></p>	<p>The Ministry of the Environment and Climate Change and other provincial ministries shall consider providing continued funding and support for incentive programs, such as the Ontario Drinking Water Stewardship Program, to assist in protecting existing and future drinking water sources and addressing significant drinking water threats.</p>
<b>Annual Reporting</b>	
<p>OC-CW-1.8</p> <p><i>Monitoring</i></p>	<p>The County shall provide a report to the Source Protection Authority, by February 1<sup>st</sup> of each year, summarizing the actions taken by the County to implement the Source Protection Plan Policies, where specifically required by the policies and not forming part of the report from the Risk Management Official required under OC-CW-1.10.</p> <p>Where the County is required to implement education and outreach programs as the primary means of managing the risk associated with significant drinking water threats, the County shall provide a report to the Source Protection Authority. This report must indicate, at a minimum, the properties where these programs were implemented and additional details on how the significant drinking water threat was managed and/or ceased to be significant.</p>
<p>OC-CW-1.9</p>	<p>Where this Source Protection Plan requires the County or Area Municipality to amend their Official Plan and/or Zoning By-law and provide confirmation of such</p>

Policy Number	Source Protection Plan Policies within the County of Oxford
<i>Monitoring</i>	amendments to the Source Protection Authority, they shall provide a copy of such compliance within 30 days of adoption of the amendment(s) by County and/or Area Municipal Council or, where the matter has been appealed to the Ontario Municipal Board, the date of their decision to approve.
OC-CW-1.10 <i>Monitoring</i>	The Risk Management Official shall provide a report to the Source Protection Authority, by February 1 <sup>st</sup> of each year, summarizing the actions taken by the Risk Management Official to implement the Source Protection Plan policies, in accordance with the <i>Clean Water Act, 2006</i> and associated regulations.
OC-CW-1.11 <i>Monitoring</i>	Where the Source Protection Plan policies may result in amendments to a Prescribed Instrument or the issuance of a new Prescribed Instrument, the applicable Ministry shall summarize the actions taken the previous year to implement the policies and provide a written report summarizing this information to the Source Protection Authority and the County by February 1 <sup>st</sup> of each year.
OC-CW-1.12 <i>Monitoring</i>	Where the Source Protection Plan policies prohibit an activity through the use of a prescribed instrument, the applicable Ministry shall summarize the actions taken the previous year to implement the policies and provide a written report summarizing this information to the Source Protection Authority and the County by February 1 <sup>st</sup> of each year.
<b>Local Threat: The Conveyance of Oil by way of Underground Pipelines</b>	
OC-NB-1.13  <i>Future Specify Action</i> <i>WHPA-A-v.10;</i> <i>WHPA-B-v.10</i>  <i>Monitoring</i>	To ensure that 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> , never becomes a significant drinking water threat within a WHPA-A and WHPA-B with a vulnerability score of 10, the National Energy Board, Ontario Energy Board, and the pipeline proponent shall provide the Source Protection Authority and the County with the location of any new pipelines proposed within the Source Protection Region. The Source Protection Authority shall document in the annual report the number of new pipelines proposed within WHPAs, where they would be a significant drinking water threat.
<b>Environmental Compliance Approvals and Consultation with Oxford County</b>	
OC-NB-1.14  <i>Existing/Future Specify Action</i>	The Ministry of Environment and Climate Change should, collaboratively with the County, develop a consultation process related to document sharing and consultation on the issuance and/or notification of prescribed instruments, which could be used to guide information exchange between the two agencies to protect municipal drinking water sources.
<b>Strategic Action</b>	
Spill Prevention, Spill Contingency or Emergency Response Plans	
OC-NB-1.15  <i>Existing/Future Specify Action</i>	To ensure spill prevention plans, contingency plans, and emergency response plans are updated for the purpose of protecting municipal drinking water sources with respect to spills that occur within a WHPA along highways, or railway lines, <ul style="list-style-type: none"> <li>a. The County is requested to incorporate the location of WHPAs into their emergency response plans in order to protect municipal drinking water sources when a spill occurs along highways or rail lines.</li> <li>b. The Ministry of the Environment and Climate Change is requested to provide mapping of the identified vulnerable areas to the Spills Action Centre to assist them in responding to reported spills along transportation corridors.</li> </ul>
Transport Pathways	

Policy Number	Source Protection Plan Policies within the County of Oxford
OC-NB-1.16  <i>Existing/Future Specify Action</i>	The Ministry of Environment and Climate Change should consider providing sufficient staff and financial resources to ensure the effective implementation of ongoing programs to decommission abandoned water wells, in accordance with O. Reg. 903 of the <i>Ontario Water Resources Act</i> .
<b>Interpretation</b>	
OC-CW-1.17  <i>Interpretation of Source Protection Plan</i>	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. <ul style="list-style-type: none"> <li>a. 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>.</li> <li>b. 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 successor thereof. This provision is also applicable to any policy statement, regulation or guideline issued by the Province or the municipality.</li> </ul>
<b>Prescribed Instruments Issued Under the Nutrient Management Act</b>	
OC-MC-1.18  <i>Existing/Future Prescribed Instr.</i>	Any Prescribed Instrument issued under the Nutrient Management Act 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. The Ontario Ministry of Agriculture, Food and Rural Affairs is expected to review all Prescribed Instruments issued under the Nutrient Management Act 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 the Ontario Ministry of Agriculture, Food and Rural Affairs, such as Nutrient Management Plans.
OC-NB-1.19  <i>Existing/Future Specify Action</i>	The Ontario Ministry of Agriculture, Food and Rural Affairs, and other creators/issuers of Prescribed Instruments under the Nutrient Management Act, 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.

### 3.3 Policies Addressing Prescribed Drinking Water Threats

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the County of Oxford
<b>1. Establishment, Operation or Maintenance of a Waste Disposal Site, within the Meaning of Part V of the <i>Environmental Protection Act</i></b>	
OC-MC-2.1	For any existing waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> that is subject to an Environmental Compliance

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the County of Oxford
<p><i>Existing Prescribed Instr.</i>                      WHPA-A v.10;                      WHPA-B- v.10;                      WHPA-B- v.8;                      WHPA-C- v.8;                      ICA (NIT)</p>	<p>Approval, where this activity is a significant drinking water threat, the Ministry of the Environment and Climate Change shall review, and where necessary, amend Environmental Compliance Approvals to incorporate terms and conditions that, when implemented, ensure the activity ceases to be a significant drinking water threat.</p>
<p>OC-CW-2.2</p> <p><i>Existing Part IV-RMP</i>                      WHPA-A- v.10;                      WHPA-B- v.10;                      WHPA-B- v.8;                      WHPA-C- v.8;                      ICA (NIT)</p>	<p>For any existing waste disposal site, or aspect thereof, within the meaning of Part V of the <i>Environmental Protection Act</i> that is not subject to an Environmental Compliance Approval, where this activity is a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required to ensure the activity ceases to be a significant drinking water threat.</p>
<p>OC-MC-2.3</p> <p><i>Future Prescribed Instr.</i>                      WHPA-A- v.10;                      WHPA-B- v.10;                      WHPA-B- v.8;                      WHPA-C- v.8                      ICA (NIT)</p>	<p>For any new waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> that requires an Environmental Compliance Approval, where this activity would be a significant drinking water threat, the Ministry of the Environment and Climate Change shall prohibit this activity through the Environmental Compliance Approvals process to ensure the activity never becomes a significant drinking water threat.</p>
<p>OC-CW-2.4</p> <p><i>Future Part IV- Prohibit</i>                      WHPA-A- v.10;                      WHPA-B- v.10;                      WHPA-B- v.8;                      WHPA-C- v.8;                      ICA (NIT)</p>	<p>With the exception of the following waste disposal site threat subcategories:</p> <ul style="list-style-type: none"> <li>a. storage of wastes described in clauses (p), (q), (r), (s), (t), or (u) of the definition of hazardous waste, or in clause (d) of the definition of liquid industrial waste; or</li> <li>b. storage of hazardous or liquid industrial waste,</li> </ul> <p>where any new waste disposal site, or aspect thereof, within the meaning of Part V of the <i>Environmental Protection Act</i>, that does not require an Environmental Compliance Approval, would be a significant drinking water threat, this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited so that it never becomes a significant drinking water threat.</p>
<p>OC-CW-2.5</p> <p><i>Future Part IV- RMP</i>                      WHPA-A- v.10;                      WHPA-B- v.10;                      WHPA-B- v. 8;                      WHPA-C- v.8;                      ICA (NIT)</p>	<p>Where a new waste disposal site, or aspect thereof, within the meaning of Part V of the <i>Environmental Protection Act</i> does not require an Environmental Compliance Approval and comprises one of the following waste disposal site threat subcategories:</p> <ul style="list-style-type: none"> <li>a. storage of wastes described in clauses (p), (q), (r), (s), (t), or (u) of the definition of hazardous waste, or in clause (d) of the definition of liquid industrial waste; or</li> <li>b. storage of hazardous or liquid industrial waste,</li> </ul> <p>and where such a waste disposal site would be a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required to manage the activity such that it never becomes a significant drinking water threat.</p> <p>The requirements of the risk management plan may be based on Ministry of the Environment and Climate Change tools and requirements for such activities, as set out in the <i>Environmental Protection Act</i>, but may also include any modifications or additional requirements that are deemed necessary or appropriate by the Risk</p>

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the County of Oxford
	Management Official.
<b>2. Establishment, Operation or Maintenance of a System That Collects, Stores, Transmits, Treats or Disposes of Sewage</b>	
<b>Sewage System or Sewage Works – Septic System and Septic System Holding Tanks</b>	
<p>OC-CW-3.1</p> <p><i>Existing/Future Specify Action</i>  <i>WHPA-A- v.10;</i>  <i>WHPA-B- v.10</i>  <i>ICA (NIT)</i></p>	<p>For any existing septic system or septic system holding tank regulated under the <i>Ontario Building Code Act</i> including expansions, modifications or replacements of such systems; or</p> <p>for any new septic system or septic system holding tank regulated under the <i>Ontario Building Code Act</i> that is required for a municipal water supply well; or</p> <p>for any new septic system or septic system holding tank regulated under the <i>Ontario Building Code Act</i> that is located within an ICA, but outside of a WHPA-A or a WHPA-B with a vulnerability score of 10,</p> <p>where these activities are, or would be, significant drinking water threats, the County shall implement an on-site sewage system maintenance inspection program, as required by the <i>Ontario Building Code Act</i>, to ensure these activities cease to be or never become significant drinking water threats.</p>
<p>OC-MC-3.2</p> <p><i>Future Land Use Planning</i>  <i>WHPA-A- v.10;</i>  <i>WHPA-B- v.10</i></p>	<p>For a new septic system or septic system holding tank regulated under the <i>Ontario Building Code Act</i>, with the exception of:</p> <ul style="list-style-type: none"> <li>a. a new septic system or septic system holding tank regulated under the <i>Ontario Building Code Act</i> that is required for a municipal water supply well; or</li> <li>b. a new septic system or septic system holding tanks regulated under the <i>Ontario Building Code Act</i> that is located within an ICA, but outside of a WHPA-A or WHPA-B with a vulnerability score of 10,</li> </ul> <p>where these activities would be significant drinking water threats, the Area Municipalities shall amend their respective Zoning By-laws to prohibit uses, buildings and/or structures that would require a new septic system or septic system holding tank to be located within such areas, to ensure these activities never become significant drinking water threats.</p>
<p>OC-MC-3.3</p> <p><i>Existing/Future Prescribed Instr.</i>  <i>WHPA-A- v.10;</i>  <i>WHPA-B- v.10</i></p> <p><i>ICA (NIT) – outside WHPA-A/B – v. 10</i></p>	<p>For an existing septic system or septic system holding tank subject to an Environmental Compliance Approval in accordance with the <i>Ontario Water Resources Act</i>; or</p> <p>for any new septic system or septic system holding tank subject to an Environmental Compliance Approval in accordance with the <i>Ontario Water Resources Act</i> that is located within an ICA, but outside of a WHPA-A or a WHPA-B with a vulnerability score of 10,</p> <p>where these activities are, or would be, significant drinking water threats, the Ministry of the Environment and Climate Change shall review, and where necessary, amend Environmental Compliance Approvals, to incorporate terms and conditions that, when implemented, ensure these activities cease to be or never become significant drinking water threats.</p> <p>The terms and conditions should include, but not necessarily be limited to,</p>

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the County of Oxford
	requirements for the proponent/applicant to undertake mandatory monitoring of groundwater impacts, contingencies in the event that drinking water quality is adversely affected, regular and ongoing compliance monitoring, mandatory system inspections at least every five (5) years, annual reporting to the Source Protection Authority and the County on any required inspection or monitoring programs and upgrading of these septic systems to current standards, where necessary.
OC-MC-3.4  <i>Future Prescribed Instr.</i> WHPA-A- v.10; WHPA-B- v.10	For a new septic system or septic system holding tank requiring an Environmental Compliance Approval, in accordance with the <i>Ontario Water Resources Act</i> that is located within a WHPA-A or WHPA-B with a vulnerability score of 10, where these activities would be significant drinking water threats, the Ministry of the Environment and Climate Change shall prohibit these activities through the Environmental Compliance Approvals process to ensure these activities never become significant drinking water threats.
Sewage System or Sewage Works – Storage of Sewage (e.g., treatment plant tanks) Sewage System or Sewage Works – Sewage Treatment Plant Effluent Discharges Sewage System or Sewage Works – Combined Sewer Discharge to Surface Water Sewage System or Sewage Works – Industrial Effluent Discharges Sewage System or Sewage Works – Sewage Treatment Plant Bypass Discharge to Surface Water	
OC-MC-3.5  <i>Existing Prescribed Instr.</i> WHPA-A- v.10; WHPA-B- v.10; WHPA-B-v.8; WHPA-C-v.8; ICA (NIT)	For any existing sewage treatment plant effluent discharges, storage of sewage, combined sewer discharge to surface water, industrial effluent discharge or sewage treatment plant bypass discharge to surface water, where these activities are significant drinking water threats, the Ministry of the Environment and Climate Change shall review, and where necessary, amend Environmental Compliance Approvals to incorporate terms and conditions that, when implemented, ensure these activities cease to be significant drinking water threats.
OC-MC-3.6  <i>Future Prescribed Instr.</i> WHPA-A- v.10; WHPA-B- v.10; WHPA-B-v.8; WHPA-C-v.8; ICA (NIT)	For any new sewage treatment plant effluent discharge or storage of sewage, combined sewer discharge to surface water, industrial effluent discharge or sewage treatment plant discharge to surface water, where these activities would be significant drinking water threats, the Ministry of the Environment and Climate Change shall prohibit these activities through the Environmental Compliance Approvals process to ensure these activities never become significant drinking water threats.
Sewage System or Sewage Works – Sanitary Sewers and Related Pipes	
OC-MC-3.7  <i>Existing/Future Prescribed Instr.</i> WHPA-A- v.10; WHPA-B- v.10; ICA (NIT)	For any existing or new sanitary sewer and related pipes, where this activity is, or would be a significant drinking water threat, the Ministry of the Environment and Climate Change shall ensure that the Environmental Compliance Approval for this activity is prepared, or, where necessary, amended to incorporate terms and conditions that, when implemented ensure this activity ceases to be or will never become a significant drinking water threat. The terms and conditions may include, but not necessarily be limited to, requirements for regular maintenance and inspections by the holder of the Environmental Compliance Approval.
Sewage System or Sewage Works – Discharge of Stormwater from a Stormwater Management Facility	
OC-MC-3.8  <i>Existing/Future Prescribed Instr.</i> WHPA-A- v.10; WHPA-B- v.10 ICA (NIT)	For any existing stormwater management facility that discharges stormwater, or for any new storm water management facility that discharges storm water located within an ICA, where the drainage area associated with the storm water management facility is less than or equal to 100 hectares, where such activities are, or would be, a significant drinking water threat; the Ministry of the Environment and Climate Change shall review and, if necessary, amend Environmental Compliance

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the County of Oxford
	Approvals to incorporate terms and conditions that, when implemented, will ensure this activity ceases to be or never becomes a significant drinking water threat.
OC-MC-3.9  <i>Future Prescribed Instr. WHPA-A- v.10; WHPA-B- v.10 ICA (NIT)</i>	For any new stormwater management facility that would discharge stormwater where this activity would be a significant drinking water threat, except for: a new storm water management facility that discharges storm water located within an ICA, where the drainage area associated with the storm water management facility is less than or equal to 100 hectares, the Ministry of the Environment and Climate Change shall prohibit this activity through the Environmental Compliance Approvals process to ensure this activity never becomes a significant drinking water threat.
<b>3. The Application of Agricultural Source Material</b>	
OC-CW-4.1  <i>Existing/Future Part IV-Prohibit WHPA-A-v.10</i>	For any new or existing application of agricultural source material to land within a WHPA-A, where this activity is, or would be, a significant drinking water threat, it shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited to ensure this activity ceases to be or never becomes a significant drinking water threat.
OC-CW-4.2  <i>Existing/Future Part IV-RMP WHPA-B-v.10 ICA (NIT), outside of a WHPA-A v. 10</i>	<p>For any new or existing application of agricultural source material to land outside of a WHPA-A, where this activity is, or would be, a significant drinking water threat, it shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a <i>Risk Management Plan</i> shall be required to ensure this activity ceases to be or never becomes a significant drinking water threat.</p> <p>The requirements of the Risk Management Plan will generally be based on the requirements of a Nutrient Management Plan and/or Strategy under the <i>Nutrient Management Act</i>, but may also include any modifications or additional requirements deemed necessary or appropriate by the Risk Management Official, particularly where such activity is located within an ICA. However, nothing in this policy grants the Risk Management Official the authority to specify requirements for a Prescribed Instrument issued under the Nutrient Management Act, or where a person is seeking an exemption from a Risk Management Plan under section 61 of O. Reg 287/07.</p>
<b>4. The Storage of Agricultural Source Material</b>	
OC-CW-5.1  <i>Future Part IV-Prohibit WHPA-A- v.10; WHPA-B- v.10</i>	For any new storage of agricultural source material within a WHPA-A or WHPA-B with a vulnerability score of 10, where this activity would be a significant drinking water threat, it shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited to ensure this activity never becomes a significant drinking water threat.
OC-CW-5.2  <i>Existing/Future Part IV-RMP WHPA-A- v.10; WHPA-B- v.10 ICA (NIT), outside WHPA-A/B v. 10</i>	<p>For any existing storage of agricultural source material or new storage of agricultural source material located within an ICA, but outside of a WHPA-A or a WHPA-B with a vulnerability score of 10, where this activity is, or would be, a significant drinking water threat, it shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required to ensure this activity ceases to be or never becomes a significant drinking water threat.</p> <p>The requirements of the Risk Management Plan will generally be based on the requirements of a Nutrient Management Plan and/or Strategy under the <i>Nutrient Management Act</i>, but may also include any modifications or additional requirements deemed necessary or appropriate by the Risk Management Official, particularly</p>

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the County of Oxford
	where such activity is located within an ICA. However, nothing in this policy grants the Risk Management Official the authority to specify requirements for a prescribed instrument issued under the Nutrient Management Act, or where a person is seeking an exemption from a risk management plan under section 61 of O. Reg 287/07.
<b>6. The Application of Non-Agricultural Source Material (NASM)</b>	
<p>OC-MC-6.1</p> <p><i>Existing/Future Prescribed Instr. WHPA-A- v.10; WHPA-B- v.10; ICA (NIT)</i></p> <p><i>In the Norwich and Springford well systems policy only applies to the application of NASM from a meat plan or sewage works</i></p>	<p>For any existing or future application of non-agricultural source material to land where this activity is, or would be, a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs or the Ministry of the Environment and Climate Change, as applicable, shall prohibit this activity through the Non-Agricultural Source Material (NASM) Plan process, in accordance with the <i>Nutrient Management Act</i>, or through the Environmental Compliance Approval process, in accordance with the <i>Environmental Protection Act</i>, to ensure this activity ceases to be or never becomes a significant drinking water threat.</p>
<b>7. The Handling and Storage of Non-Agricultural Source Material (NASM)</b>	
<p>OC-MC-7.1</p> <p><i>Existing Prescribed Instr. WHPA-A- v.10; WHPA-B- v.10; ICA (NIT)</i></p>	<p>For any existing facility for the handling and storage of non-agricultural source material where this activity is a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs, or Ministry of the Environment and Climate Change, as applicable, shall review, and if necessary, amend the required Non-Agricultural Source Material (NASM) Plan, in accordance with the <i>Nutrient Management Act</i>, or Environmental Compliance Approval, in accordance with the <i>Environmental Protection Act</i>, to ensure such Plans/Compliance Approvals incorporate terms and conditions that, when implemented, ensure this activity ceases to be a significant drinking water threat.</p>
<p>OC-MC-7.2</p> <p><i>Future Prescribed Instr. WHPA-A- v.10; WHPA-B- v.10; ICA (NIT)</i></p>	<p>For any new handling and storage of non-agricultural source material, where this activity would be a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs or Ministry of the Environment and Climate Change, as applicable, shall prohibit this activity through the Non-Agricultural Source Material (NASM) Plan process in accordance with the <i>Nutrient Management Act</i>, or through the Environmental Compliance Approval process in accordance with the <i>Environmental Protection Act</i>, to ensure this activity never becomes a significant drinking water threat.</p>
<b>8. The Application of Commercial Fertilizer to Land</b>	
<p>OC-CW-8.1</p> <p><i>Existing/Future Part IV-RMP WHPA-A- v.10; WHPA-B- v.10; ICA (NIT)</i></p> <p><i>Currently does not apply to the application of commercial fertilizer in the Norwich or Springford well systems due to</i></p>	<p>For the existing or future application of commercial fertilizer to land, on properties zoned for any other use than residential, where this activity is, or would be, a significant drinking water threat, it shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required to ensure this activity ceases to be or never becomes a significant drinking water threat.</p>

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the County of Oxford
<i>managed land and livestock density calculations</i>	
OC-CW-8.2  <i>Existing/Future Education &amp; Outreach</i> WHPA-A- v.10; WHPA-B- v.10; ICA (NIT)	For the existing or future application of commercial fertilizer to land, on properties zoned exclusively for residential purposes in the Area Municipal Zoning By-Laws, where this activity is, or would be, a significant drinking water threat, the County, in collaboration with the Conservation Authority, Area Municipalities, the Ministry of the Environment and Climate Change, and/or other bodies wherever possible, shall develop and implement an education and outreach program directed at the owners and/or occupants of such properties to ensure this activity ceases to be or never becomes a significant drinking water threat. The program may include, but not necessarily be limited to, the provision of education material and information about the nature of the threat and how commercial fertilizer can be applied appropriately.
<b>9. The Handling and Storage of Commercial Fertilizer</b>	
OC-CW-9.1  <i>Existing/Future Part IV-RMP</i> WHPA-A- v.10; WHPA-B- v.10; ICA (NIT)	For any existing handling and storage of commercial fertilizer; or  for any new handling and storage of commercial fertilizer, where the total mass of all materials stored that contain the commercial fertilizer, in any form including liquid or solid, is less than or equal to 2,500 kilograms,  where this activity is, or would be, a significant drinking water threat, it shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required to ensure this activity ceases to be or never becomes a significant drinking water threat.
OC-CW-9.2  <i>Future Part IV-Prohibit</i> WHPA-A- v.10; WHPA-B- v.10; ICA (NIT)	For any new handling and storage of commercial fertilizer, where the total mass of all materials stored that contain the commercial fertilizer, in any form including liquid or solid, is greater than 2,500 kilograms, where this activity would be a significant drinking water threat, it shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited to ensure this activity never becomes a significant drinking water threat.
<b>10. The Application of Pesticide</b>	
OC-CW-10.1  <i>Existing/ Future Part IV-RMP</i> WHPA-A- v.10; WHPA-B- v.10	For the existing or future application of pesticide to land where this activity is, or would be, a significant drinking water threat, it shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required to ensure this activity ceases to be or never becomes a significant drinking water threat.
<b>11. The Handling and Storage of Pesticide</b>	
OC-CW-11.1  <i>Existing Part IV-RMP</i> WHPA-A- v.10; WHPA-B- v.10	For any existing facility for the handling and storage of pesticide where this activity is a significant drinking water threat, it shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required to ensure this activity ceases to be a significant drinking water threat.
OC-CW-11.2  <i>Future Part IV-Prohibit</i> WHPA-A- v.10; WHPA-B- v.10	For any new handling and storage of pesticide, where the total mass of all materials stored that contain a pesticide prescribed under the <i>Clean Water Act, 2006</i> , in any form, including liquid or solid, is more than 2500 kilograms, and where this activity would be a significant drinking water threat, this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited to ensure this activity never becomes a significant drinking water threat.

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the County of Oxford
OC-CW-11.3  <i>Future Part IV-RMP WHPA-A- v.10; WHPA-B- v.10</i>	For any new handling and storage of pesticide not addressed by policy OC-CW-11.2, where this activity would be a significant drinking water threat, it shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required to ensure this activity never becomes a significant drinking water threat.
<b>13. The Handling and Storage of Road Salt</b>	
OC-CW-12.1  <i>Existing/Future Part IV-Prohibit WHPA-A- v.10; WHPA-B- v.10</i>	For any existing or new handling and storage of road salt, where this activity is, or would be, a significant drinking water threat, it shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited to ensure this activity ceases to be or never becomes a significant drinking water threat.
<b>14. The Storage of Snow</b>	
OC-CW-13.1  <i>Existing/Future Part IV-RMP WHPA-A- v.10; WHPA-B- v.10 ICA (NIT)</i>	For any existing or new storage of snow at or above grade where the storage area is less than or equal to 1 hectare, where this activity is, or would be, a significant drinking water threat, it shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required to ensure this activity ceases to be or never becomes a significant drinking water threat.
OC-CW-13.2  <i>Future Part IV-Prohibit WHPA-A- v.10; WHPA-B- v.10 ICA (NIT)</i>	For any new storage of snow below grade, or for any new storage of snow at or above grade where the storage area exceeds 1 hectare, where this activity would be a significant drinking water threat, it shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited to ensure this activity never becomes a significant drinking water threat.
<b>15. The Handling and Storage of Fuel</b>	
OC-CW-14.1  <i>Existing Part IV-RMP WHPA-A- v.10; WHPA-B- v.10</i>	For any existing handling and storage of fuel, where this activity is a significant drinking water threat, it shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required to ensure this activity ceases to be a significant drinking water threat.
OC-CW-14.2  <i>Future Part IV-Prohibit Part IV- RMP WHPA-A- v.10; WHPA-B- v.10</i>	For any new handling and storage of fuel, where this activity would be a significant drinking water threat,  a. This activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited to ensure this activity never becomes a significant drinking water threat.  b. Notwithstanding OC-CW-14.2a), any handling and storage of fuel required for back-up generators at municipal supply wells shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required to ensure this activity never becomes a significant drinking water threat.
<b>16. The Handling and Storage of a Dense Non-Aqueous Phase Liquid (DNAPL)</b>	
OC-CW-15.1  <i>a)Existing/ Future Education&amp;Outreach WHPA-A/B/C</i>	For any existing or new handling and storage of a dense non-aqueous phase liquid, on properties zoned exclusively for residential and/or environmental protection purposes in the Area Municipal Zoning By-Laws, where this activity is, or would be, a significant drinking water threat,

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the County of Oxford
<p><i>b)Existing/ Future Part IV-RMP WHPA-A/B/C</i></p>	<p>a. The County, in collaboration with the Conservation Authority, Area Municipalities, the Ministry of the Environment and Climate Change, and/or other bodies wherever possible, shall develop and implement an education and outreach program directed at the owners and/or occupants of such properties to ensure this activity ceases to be or never becomes a significant drinking water threat. The program may include, but not necessarily be limited to, the provision of education material and information about the nature of the threat, how DNAPLs can be identified, handled and disposed of appropriately.</p> <p>b. Notwithstanding OC-CW-15.1a., where the quantity and/or volume of DNAPLs handled or stored on a property exceeds that typical of household use, the handling and storage of a dense non-aqueous phase liquid shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required to ensure this activity ceases to be or never becomes a significant drinking water threat.</p>
<p>OC-CW-15.2</p> <p><i>Existing Part IV-RMP WHPA-A/B/C</i></p>	<p>For any existing handling and storage of a dense non-aqueous phase liquid, on properties zoned for any other use than residential and/or environmental protection in the Area Municipal Zoning By-Laws, where this activity is a significant drinking water threat, it shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required to ensure this activity ceases to be a significant drinking water threat.</p>
<p>OC-CW-15.3</p> <p><i>Future Part IV-Prohibit WHPA-A-v.10; WHPA-B-v.10</i></p>	<p>For any new handling and storage of a dense non-aqueous phase liquid, on properties zoned for any other use than residential and/or environmental protection in the Area Municipal Zoning By-Laws and located within a WHPA-A or B with a vulnerability score equal to ten (10), where this activity would be a significant drinking water threat, it shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited to ensure this activity never becomes a significant drinking water threat.</p>
<p>OC-CW-15.4</p> <p><i>Future Part IV-RMP WHPA-B-8,6,4; WHPA-C</i></p>	<p>For any new handling and storage of a dense non-aqueous phase liquid, on properties zoned for any other use than residential and/or environmental protection in the Area Municipal Zoning By-Laws and located within a WHPA-B with a vulnerability score of less than ten (10), or a WHPA-C, where such an activity would be a significant drinking water threat, it shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required to ensure this activity never becomes a significant drinking water threat.</p>
<p><b>17. The Handling and Storage of an Organic Solvent</b></p>	
<p>OC-CW-16.1</p> <p><i>Existing Part IV-RMP WHPA-A- v.10; WHPA-B- v.10</i></p>	<p>For any existing handling and storage of an organic solvent where this activity is a significant drinking water threat, it shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required to ensure this activity ceases to be a significant drinking water threat.</p>
<p>OC-CW-16.2</p> <p><i>Future Part IV-Prohibit WHPA-A- v.10; WHPA-B- v.10</i></p>	<p>For any new handling and storage of an organic solvent, where this activity would be a significant drinking water threat, it shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited to ensure this activity never becomes a significant drinking water threat.</p>
<p><b>18. The Management of Runoff that Contains Chemicals Used in De-icing of Aircraft</b></p>	

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the County of Oxford
OC-CW-17.1  <i>Future Part IV-RMP WHPA-A- v.10; WHPA-B- v.10</i>	For a new airport where there could be runoff containing de-icing chemicals, where this activity would be a significant drinking water threat, it shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required to ensure this activity never becomes a significant drinking water threat.
<b>21. The Use of Land as Livestock Grazing or Pasturing Land, an Outdoor Confinement Area or a Farm Animal Yard</b>	
OC-CW-18.1  <i>Existing/Future Part IV-RMP WHPA-A- v.10; WHPA-B- v.10; ICA (NIT)</i>	For the existing or future use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard, where these activities are, or would be, a significant drinking water threat, they shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required to ensure these activities cease to be or never become a significant drinking water threat.

### 3.4 Appendix A: List of Policies as Per Section 34 of Regulation 287/07

#### LIST A

Title: Significant threat policies that affect decisions under the *Planning Act* and *Condominium Act*, 1998

Opening Statement: “Clause 39 (1)(a), subsections 39 (2), (4) and (6), and sections 40 and 42 of the *Clean Water Act*, 2006 apply to the following policies:”

Content: OC-CW-1.1, OC-CW-1.2, OC-CW-1.3, OC-MC-1.4, OC-CW-1.17, OC-MC-3.2

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#### LIST B

Title: Moderate and low threat policies that affect decisions under the *Planning Act* and *Condominium Act*, 1998

Opening Statement: “Subsection 39 (1) (b) of the *Clean Water Act*, 2006 applies to the following policies:”

Content: No Applicable Policies

---

#### LIST C

Title: Significant threat policies that affect prescribed instrument decisions

Opening Statement: “Subsection 39 (6), clause 39 (7) (a), section 43 and subsection 44 (1) of the *Clean Water Act*, 2006 apply to the following policies:”

Content: OC-CW-1.1, OC-MC-1.18, OC-CW-1.2, OC-MC-2.1, OC-MC-2.3, OC-MC-3.3, OC-MC-3.4, OC-MC-3.5, OC-MC-3.6, OC-MC-3.7, OC-MC-3.8, OC-MC-3.9, OC-MC-6.1, OC-MC-7.1, OC-MC-7.2

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#### LIST D

Title: Moderate and low threat policies that affect prescribed instrument decisions

Opening Statement: “Clause 39 (7) (b) of the *Clean Water Act*, 2006 applies to the following policies:”

Content: No Applicable Policies

---

#### LIST E

Title: Significant threat policies that impose obligations on municipalities, source protection authorities and local boards

Opening Statement: “Section 38 and subsection 39 (6) of the *Clean Water Act*, 2006 applies to the following policies:”

Content: OC-CW-1.1, OC-CW-1.2, OC-CW-1.5, OC-CW-1.6, OC-CW-1.17, OC-CW-3.1, OC-CW-8.2, OC-CW-15.1a,

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#### LIST F

Title: Monitoring policies referred to in subsection 22 (2) of the *Clean Water Act*, 2006

Opening Statement: “Section 45 of the *Clean Water Act*, 2006 applies to the following policies:”

Content: OC-CW-1.8, OC- CW-1.9, OC- CW-1.10, OC- CW-1.11, OC- CW-1.12, OC-NB-1.13

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**LIST G**

Title: Policies related to section 57 of the *Clean Water Act*, 2006

Opening Statement: “The following policies relate to section 57 (prohibition) of the Clean Water Act.”

Content: OC-CW-1.1, OC-CW-2.4, OC-CW-4.1, OC-CW-5.1, OC-CW-9.2, OC-CW-11.2, OC-CW-12.1, OC-CW-13.2, OC-CW-14.2a, OC-CW-15.3, OC-CW-16.2

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**LIST H**

Title: Policies related to section 58 of the *Clean Water Act*, 2006

Opening Statement: “The following policies relate to section 58 (risk management plans) of the Clean Water Act.”

Content: OC-CW-1.1, OC-CW-2.2, OC-CW-2.5, OC-CW-4.2, OC-CW-5.2, OC-CW-8.1, OC-CW-9.1, OC-CW-10.1, OC-CW-11.1, OC-CW-11.3, OC-CW-13.1, OC-CW-14.1, OC-CW-14.2b, OC-CW-15.1b, OC-CW-15.2, OC-CW-15.4, OC-CW-16.1, OC-CW-17.1, OC-CW-18.1

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**LIST I**

Title: Policies related to section 59 of the *Clean Water Act*, 2006

Opening Statement: “The following policies relate to section 59 (restricted land use) of the *Clean Water Act*.”

Content: OC-CW-1.1, OC-CW-1.3

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**LIST J**

Title: Strategic Action policies

Opening Statement: For the purposes of section 33 of Ontario Regulation 287/07, the following policies are identified as strategic action policies:

Content: OC-NB-1.14, OC-NB-1.15, OC-NB-1.16

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**LIST K**

Title: Significant threat policies targeted to bodies other than municipalities, local board or source protection authorities for implementation

Opening Statement: The following policies are identified as non-legally binding policies.

Content: OC- NB-1.7, OC-NB-1.19

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3.5 Appendix B: Prescribed Instruments and Policy Summary Tables

Table 1: Prescribed instruments which apply to source protection plan policies in Lists C and D above (s.34(4) of O.Reg. 287/07)

Policy #	Legal Effect	Environmental Protection Act	Nutrient Management Act	Ontario Water Resources Act
OC-CW-1.1	Comply With	X	X	X
OC-CW-1.2	Comply With	X	X	X
OC-CW-1.18	Comply With		X	
OC-NB-1.19	Non-Binding		X	
OC-MC-2.1	Must Conform	X		X
OC-MC-2.3	Must Conform	X		X
OC-MC-3.3	Must Conform	X		X
OC-MC-3.4	Must Conform	X		X
OC-MC-3.5	Must Conform	X		X
OC-MC-3.6	Must Conform	X		X
OC-MC-3.7	Must Conform	X		X
OC-MC-3.8	Must Conform	X		X
OC-MC-3.9	Must Conform	X		X
OC-MC-6.1	Must Conform	X	X	
OC-MC-7.1	Must Conform	X	X	
OC-MC-7.2	Must Conform	X	X	

Table 2: Policy Summary Matrix

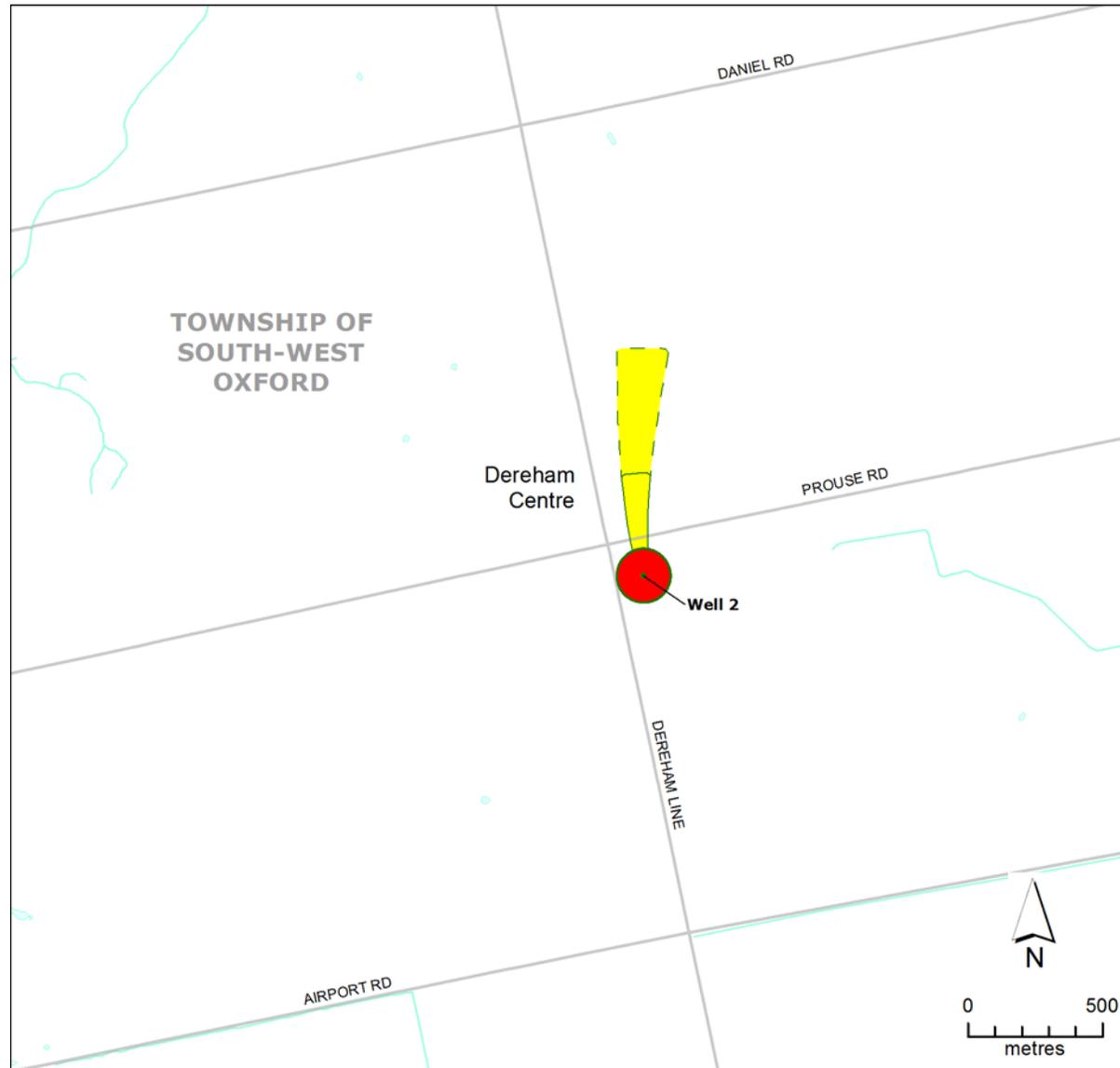
Policy ID#	Legal Effect (conform with, have regard to, non-binding)	Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)	Policy affects Prescribed Instrument decisions (Lists C and D)	Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)	Monitoring policies referred to in s.22(2) of the Clean Water Act (CWA) (List F)	Part IV Policies - Significant threat policies that are designated in the plan as requiring a risk management plan, are prohibited under s. 57, or to which s. 59 of the CWA applies (Lists G, H, and I)	Strategic Action Policies (List J)	Significant threat policies which designate a body other than a municipality, source protection authority or local board as responsible for implementing the policy (List K)
OC-CW-1.1	Comply With	X	X	X		X		
OC-CW-1.2	Comply With	X	X	X				
OC-CW-1.3	Comply With	X				X		
OC-MC-1.4	Must Conform	X						

Policy ID#	Legal Effect (conform with, have regard to, non-binding)	Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)	Policy affects Prescribed Instrument decisions (Lists C and D)	Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)	Monitoring policies referred to in s.22(2) of the Clean Water Act (CWA) (List F)	Part IV Policies - Significant threat policies that are designated in the plan as requiring a risk management plan, are prohibited under s. 57, or to which s. 59 of the CWA applies (Lists G, H, and I)	Strategic Action Policies (List J)	Significant threat policies which designate a body other than a municipality, source protection authority or local board as responsible for implementing the policy (List K)
OC- MC-3.2	Must Conform	X						
OC-CW-1.18	Comply With		X					
OC-MC-2.1	Must Conform		X					
OC-MC-2.3	Must Conform		X					
OC-MC-3.3	Must Conform		X					
OC-MC-3.4	Must Conform		X					
OC-MC-3.5	Must Conform		X					
OC-MC-3.6	Must Conform		X					
OC-MC-3.7	Must Conform		X					
OC-MC-3.8	Must Conform		X					
OC-MC-3.9	Must Conform		X					
OC-MC-6.1	Must Conform		X					
OC-MC-7.1	Must Conform		X					
OC-MC-7.2	Must Conform		X					
OC-CW-1.5	Comply With			X				
OC-CW-1.6	Comply With			X				
OC-CW-1.17	Comply With			X				
OC-CW-3.1	Comply With			X				
OC-CW-8.2	Comply With			X				
OC-CW-15.1	Comply With			X		X		
OC-CW-1.8	Comply With				X			
OC- CW-1.9	Comply With				X			
OC- CW-1.10	Comply With				X			
OC- CW-1.11	Comply With				X			
OC- CW-1.12	Comply With				X			
OC-NB-1.13	Non-Binding				X			
OC-CW-2.4	Comply With					X		

Policy ID#	Legal Effect (conform with, have regard to, non-binding)	Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)	Policy affects Prescribed Instrument decisions (Lists C and D)	Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)	Monitoring policies referred to in s.22(2) of the Clean Water Act (CWA) (List F)	Part IV Policies - Significant threat policies that are designated in the plan as requiring a risk management plan, are prohibited under s. 57, or to which s. 59 of the CWA applies (Lists G, H, and I)	Strategic Action Policies (List J)	Significant threat policies which designate a body other than a municipality, source protection authority or local board as responsible for implementing the policy (List K)
OC-CW-2.5	Comply With					X		
OC-CW-4.1	Comply With					X		
OC-CW-5.1	Comply With					X		
OC-CW-9.2	Comply With					X		
OC-CW-11.2	Comply With					X		
OC-CW-12.1	Comply With					X		
OC-CW-13.2	Comply With					X		
OC-CW-14.2	Comply With					X		
OC-CW-15.3	Comply With					X		
OC-CW-16.2	Comply With					X		
OC-CW-2.2	Comply With					X		
OC-CW-4.2	Comply With					X		
OC-CW-5.2	Comply With					X		
OC-CW-8.1	Comply With					X		
OC-CW-9.1	Comply With					X		
OC-CW-10.1	Comply With					X		
OC-CW-11.1	Comply With					X		
OC-CW-11.3	Comply With					X		
OC-CW-13.1	Comply With					X		
OC-CW-14.1	Comply With					X		
OC-CW-15.2	Comply With					X		
OC-CW-15.4	Comply With					X		
OC-CW-16.1	Comply With					X		
OC-CW-17.1	Comply With					X		
OC-CW-18.1	Comply With					X		
OC-NB-1.14	Non-Binding						X	
OC-NB-1.15	Non-Binding						X	

Policy ID#	Legal Effect (conform with, have regard to, non-binding)	Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)	Policy affects Prescribed Instrument decisions (Lists C and D)	Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)	Monitoring policies referred to in s.22(2) of the Clean Water Act (CWA) (List F)	Part IV Policies - Significant threat policies that are designated in the plan as requiring a risk management plan, are prohibited under s. 57, or to which s. 59 of the CWA applies (Lists G, H, and I)	Strategic Action Policies (List J)	Significant threat policies which designate a body other than a municipality, source protection authority or local board as responsible for implementing the policy (List K)
OC-NB-1.16	Non-Binding						X	
OC-NB-1.7	Non-Binding							X
OC-NB-1.19	Non-Binding							X

3.6 Schedule A: The County of Oxford: Dereham Centre Water Supply



Significant Drinking Water Threat Policy Applicability

Significant Drinking Water Threat Policy Categories	Vulnerability Scores on Map		
	10	8	2,4,6
1. Waste Disposal	10	8	2,4,6
2. Sewage Systems	10		
3, 4. Agricultural Source Material	10		
6, 7. Non-Agricultural Source Material*	10		
8, 9. Commercial Fertilizer*	10		
10, 11. Pesticide	10		
12, 13. Road Salt*	10		
14. Storage of Snow	10		
15. Fuel	10		
16. DNAPLs	10		2,4,6
17. Organic Solvents	10		
18. Aircraft De-icing	10		
21. Livestock Area	10		
Local Oil Pipelines Threat	10		

**Note:** This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) within the Non-GUDI Wellhead Protection Zones (PDWT) shown on this map. For details refer to the text of the Source Protection Plan and the Ministry of the Environment Drinking Water Threats Tables.  
 \*Application of Commercial Fertilizer, Non-Agricultural Source Material, and Road Salt may not be a significant drinking water threat in some areas due to the % managed land, livestock density, and/or % impervious surface calculations for these areas. See the text of the plan for further details.

Well  
 Road  
 Minor River  
 Lake / Main River

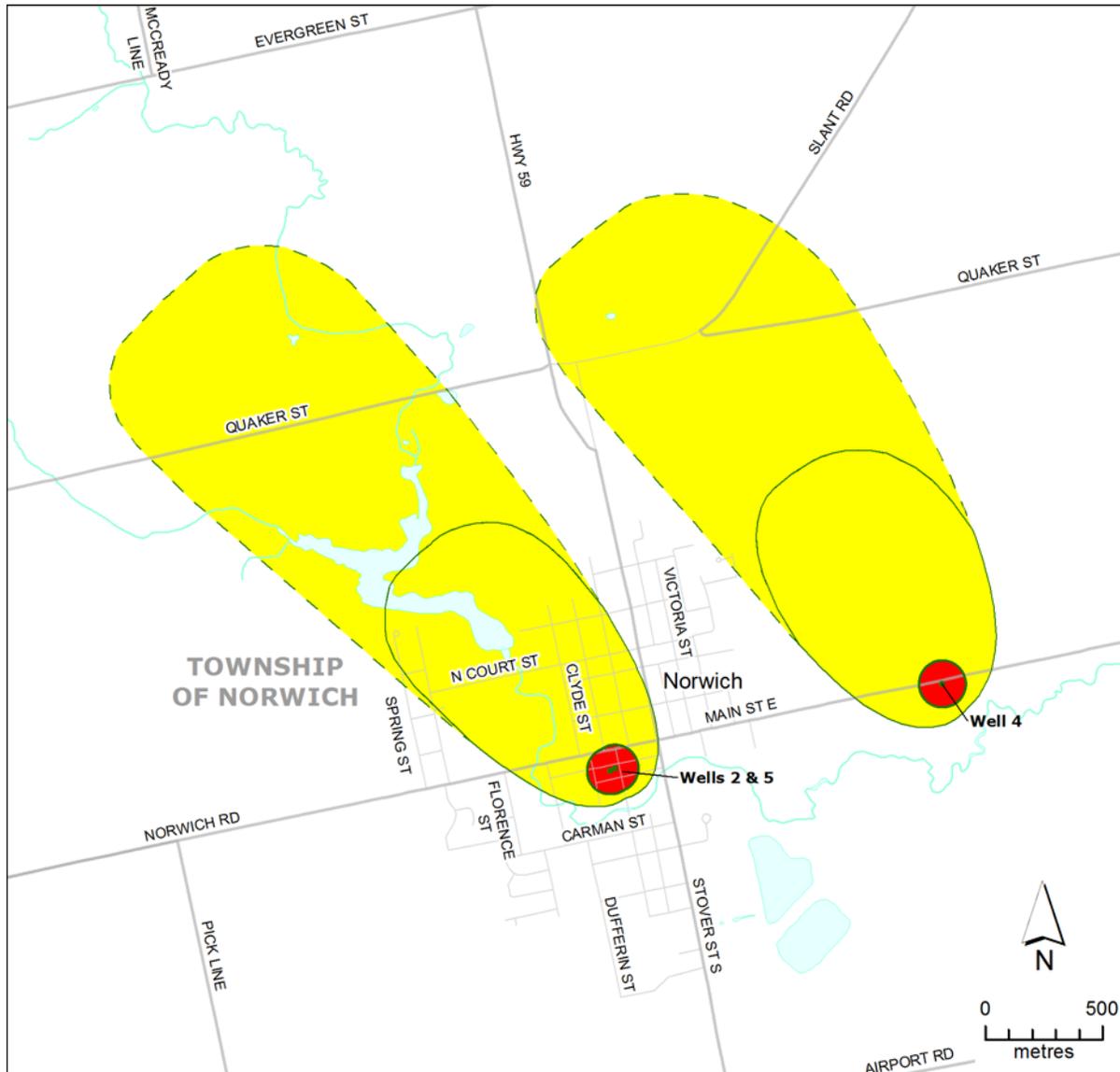
**Wellhead Protection Zones:**

WHPA-A  
 WHPA-B  
 WHPA-C



1. Updated November 25, 2014  
 2. Larger scale mapping of some map layers, including roads and vulnerability scores, is available at [www.sourcewater.ca](http://www.sourcewater.ca).  
 3. This map is for illustrative purposes only. Information contained hereon is not a substitute for professional review or a site survey and is subject to change without notice. The Grand River Conservation Authority takes no responsibility for, nor guarantees, the accuracy of the information contained on this map. Any interpretations or conclusions drawn from this map are the sole responsibility of the user.

3.7 Schedule B: The County of Oxford: Norwich Water Supply



Significant Drinking Water Threat Policy Applicability

Significant Drinking Water Threat Policy Categories	Vulnerability Scores on Map		
	10	8	2,4,6
1. Waste Disposal	█	█	█
2. Sewage Systems	█	█	
3, 4. Agricultural Source Material	█	█	
6, 7. Non-Agricultural Source Material*	█	█	
8, 9. Commercial Fertilizer*	█	█	
10, 11. Pesticide	█	█	
12, 13. Road Salt*	█	█	
14. Storage of Snow	█	█	
15. Fuel	█	█	
16. DNAPLs	█	█	█
17. Organic Solvents	█	█	
18. Aircraft De-icing	█	█	
21. Livestock Area	█	█	
Local Threat	█	█	

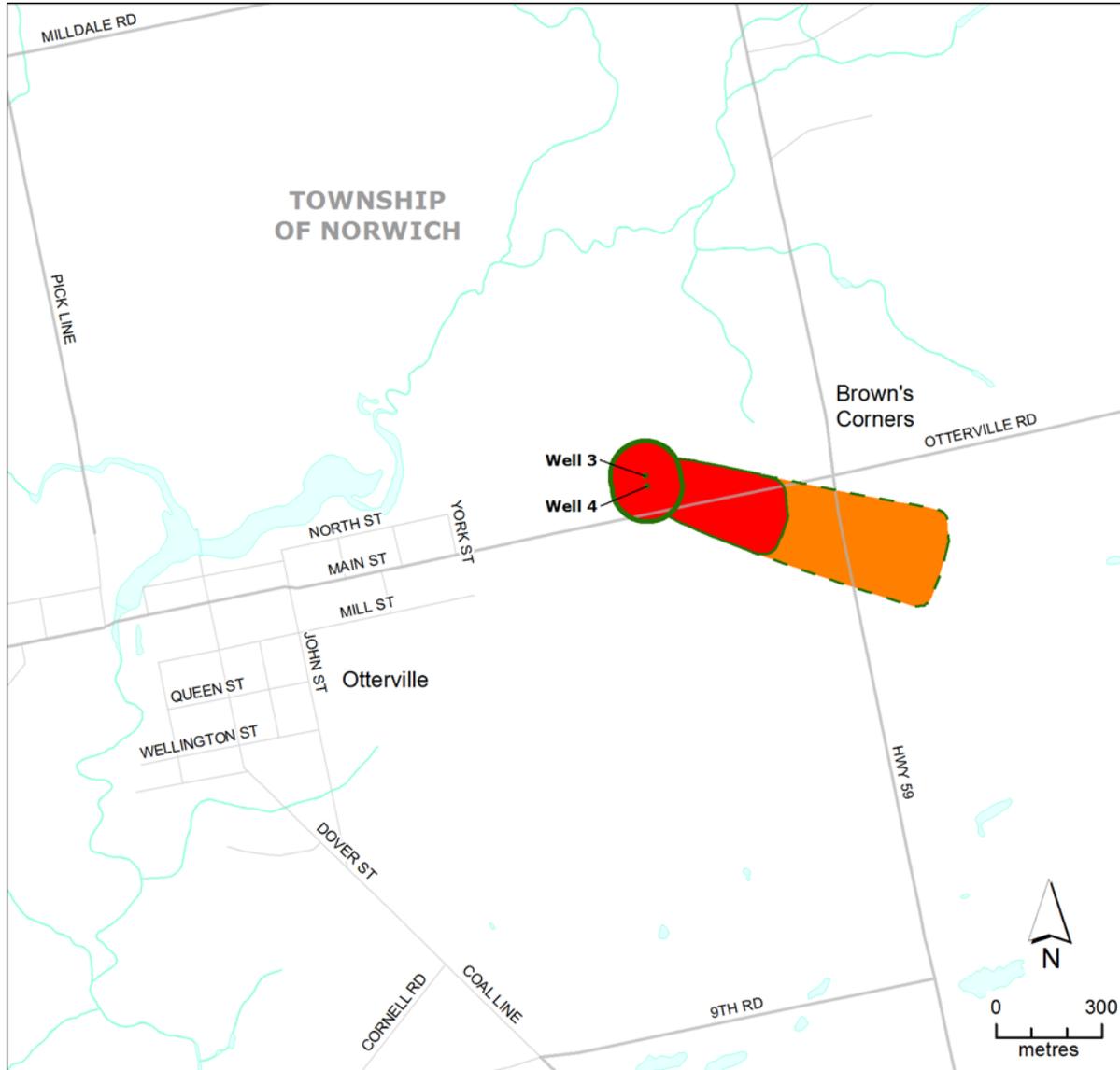
**Note:** This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) within the Non-GUDI Wellhead Protection Zones (WHPA) shown on this map. For details refer to the text of the Source Protection Plan and the Ministry of the Environment Drinking Water Threats Tables.  
 \*Application of Commercial Fertilizer, Non-Agricultural Source Material, and Road Salt may not be a significant drinking water threat in some areas due to the % managed land, livestock density, and/or % impervious surface calculations for these areas. See the text of the plan for further details.

● Well
○ Wellhead Protection Zones:  
— Road
○ WHPA-A  
~ Minor River
○ WHPA-B  
▭ Lake / Main River
○ WHPA-C



- Updated November 25, 2014
- Larger scale mapping of some map layers, including roads and vulnerability scores, is available at [www.sourcewater.ca](http://www.sourcewater.ca).
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3.8 Schedule C: The County of Oxford: Otterville Water Supply



Significant Drinking Water Threat Policy Applicability

Significant Drinking Water Threat Policy Categories	Vulnerability Scores on Map		
	10	8	2,4,6
1. Waste Disposal	Red	Orange	Yellow
2. Sewage Systems	Red	Orange	Yellow
3, 4. Agricultural Source Material	Red	Orange	Yellow
6, 7. Non-Agricultural Source Material*	Red	Orange	Yellow
8, 9. Commercial Fertilizer*	Red	Orange	Yellow
10, 11. Pesticide	Red	Orange	Yellow
12, 13. Road Salt*	Red	Orange	Yellow
14. Storage of Snow	Red	Orange	Yellow
15. Fuel	Red	Orange	Yellow
16. DNAPLs	Red	Orange	Yellow
17. Organic Solvents	Red	Orange	Yellow
18. Aircraft De-icing	Red	Orange	Yellow
21. Livestock Area	Red	Orange	Yellow
Local Threat	Red	Orange	Yellow
Oil Pipelines	Red	Orange	Yellow

**Note:** This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) within the Non-GUDI Wellhead Protection Zones (PDWT) shown on this map. For details refer to the text of the Source Protection Plan and the Ministry of the Environment Drinking Water Threats Tables.  
 \*Application of Commercial Fertilizer, Non-Agricultural Source Material, and Road Salt may not be a significant drinking water threat in some areas due to the % managed land, livestock density, and/or % impervious surface calculations for these areas. See the text of the plan for further details.

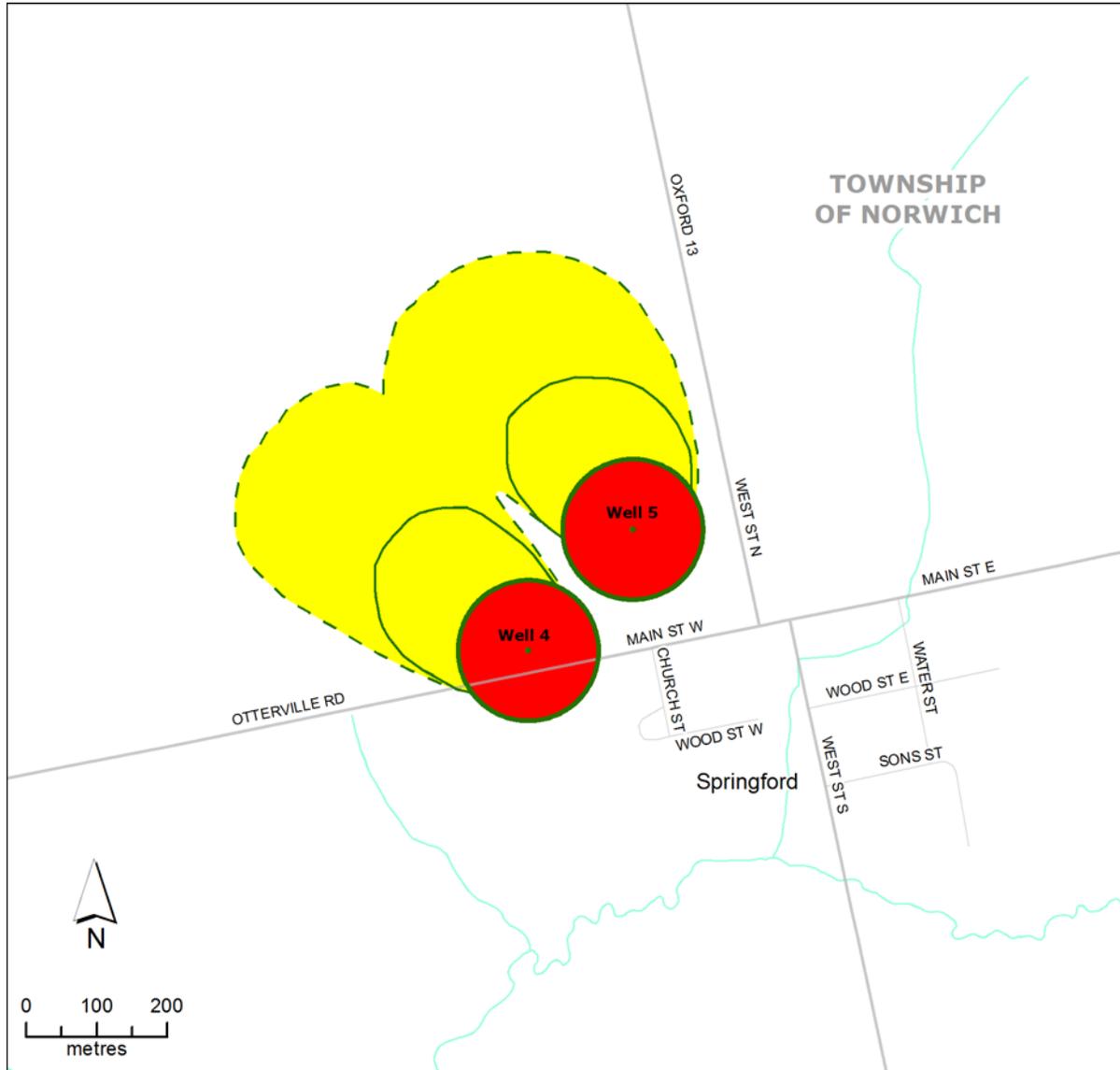
Legend for Wellhead Protection Zones:

- Well: Red dot
- Road: Grey line
- Minor River: Blue wavy line
- Lake / Main River: Blue area
- WHPA-A: Red circle
- WHPA-B: Orange circle
- WHPA-C: Yellow circle



1. Updated November 25, 2014  
 2. Larger scale mapping of some map layers, including roads and vulnerability scores, is available at [www.sourcewater.ca](http://www.sourcewater.ca).  
 3. This map is for illustrative purposes only. Information contained hereon is not a substitute for professional review or a site survey and is subject to change without notice. The Grand River Conservation Authority takes no responsibility for, nor guarantees, the accuracy of the information contained on this map. Any interpretations or conclusions drawn from this map are the sole responsibility of the user.

3.9 Schedule D: The County of Oxford: Springford Water Supply



Significant Drinking Water Threat Policy Applicability

Significant Drinking Water Threat Policy Categories	Vulnerability Scores on Map		
	10	8	2,4,6
1. Waste Disposal	■	■	■
2. Sewage Systems	■	■	
3, 4. Agricultural Source Material	■		
6, 7. Non-Agricultural Source Material*	■		
8, 9. Commercial Fertilizer*	■		
10, 11. Pesticide	■		
12, 13. Road Salt*	■		
14. Storage of Snow	■		
15. Fuel	■		
16. DNAPLs	■	■	■
17. Organic Solvents	■		
18. Aircraft De-icing	■		
21. Livestock Area	■		
Local Threat	■		

**Note:** This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) within the Non-GUDI Wellhead Protection Zones (PDWT) shown on this map. For details refer to the text of the Source Protection Plan and the Ministry of the Environment Drinking Water Threats Tables.  
 \*Application of Commercial Fertilizer, Non-Agricultural Source Material, and Road Salt may not be a significant drinking water threat in some areas due to the % managed land, livestock density, and/or % impervious surface calculations for these areas. See the text of the plan for further details.

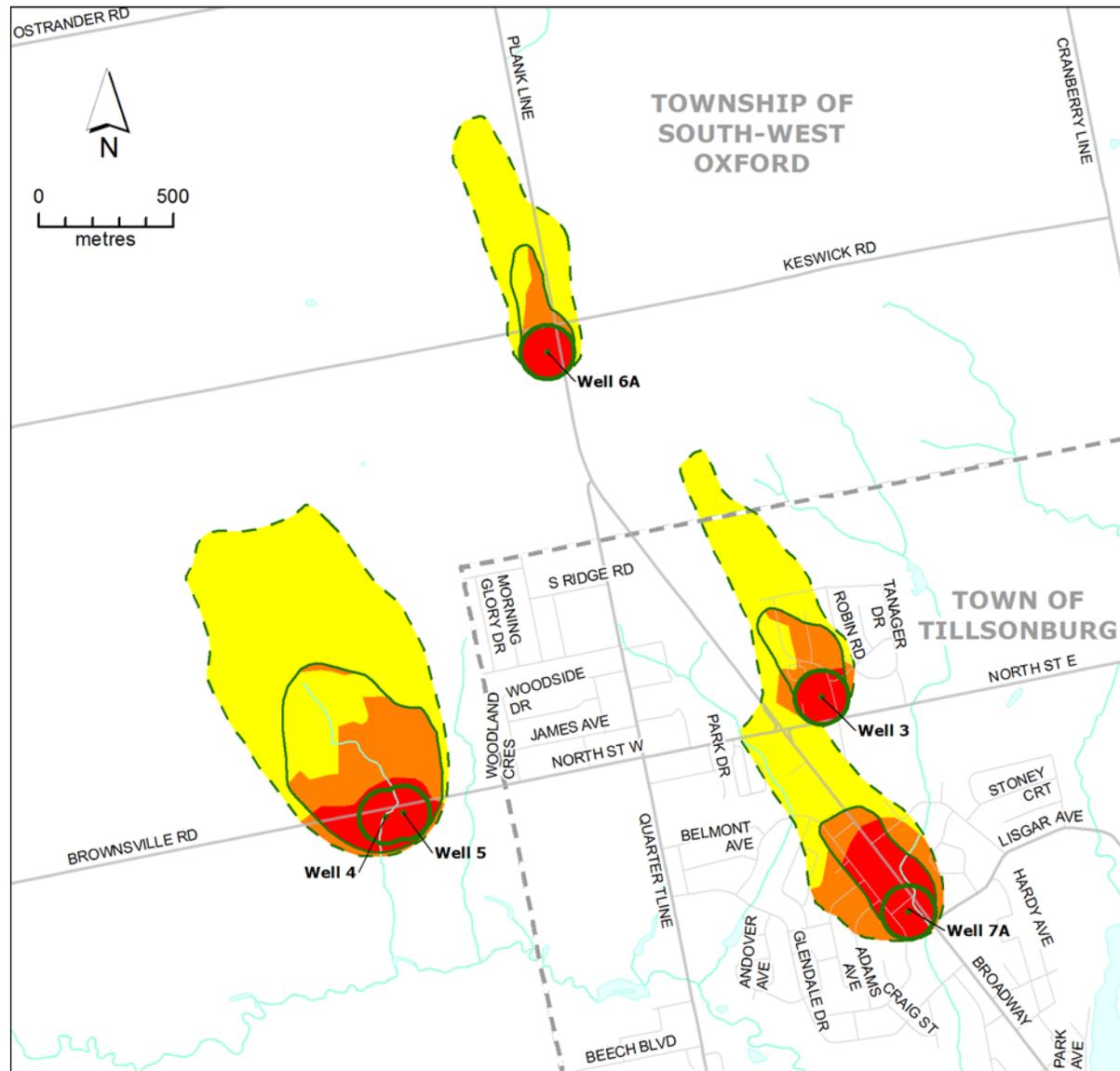
● Well  
— Road  
~ Minor River  
☪ Lake / Main River

**Wellhead Protection Zones:**  
○ WHPA-A  
○ WHPA-B  
○ WHPA-C



1. Updated November 25, 2014  
 2. Larger scale mapping of some map layers, including roads and vulnerability scores, is available at [www.sourcewater.ca](http://www.sourcewater.ca).  
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3.10 Schedule E: The County of Oxford: Tillsonburg Water Supply (Northwest Wellfields)



Significant Drinking Water Threat Policy Applicability

Significant Drinking Water Threat Policy Categories	Vulnerability Scores on Map		
	10	8	2,4,6
1. Waste Disposal	█		
2. Sewage Systems	█		
3, 4. Agricultural Source Material	█		
6, 7. Non-Agricultural Source Material*	█		
8, 9. Commercial Fertilizer*	█		
10, 11. Pesticide	█		
12, 13. Road Salt*	█		
14. Storage of Snow	█		
15. Fuel	█		
16. DNAPLs	█	█	█
17. Organic Solvents	█		
18. Aircraft De-icing	█		
21. Livestock Area	█		
Local Oil Pipelines Threat	█		

**Note:** This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) within the Non-GUDI Wellhead Protection Zones shown on this map. For details refer to the text of the Source Protection Plan and the Ministry of the Environment Drinking Water Threats Tables.

\*Application of Commercial Fertilizer, Non-Agricultural Source Material, and Road Salt may not be a significant drinking water threat in some areas due to the % managed land, livestock density, and/or % impervious surface calculations for these areas. See the text of the plan for further details.

Well  
 Road  
 Minor River  
 Lake / Main River  
 Municipal Boundary

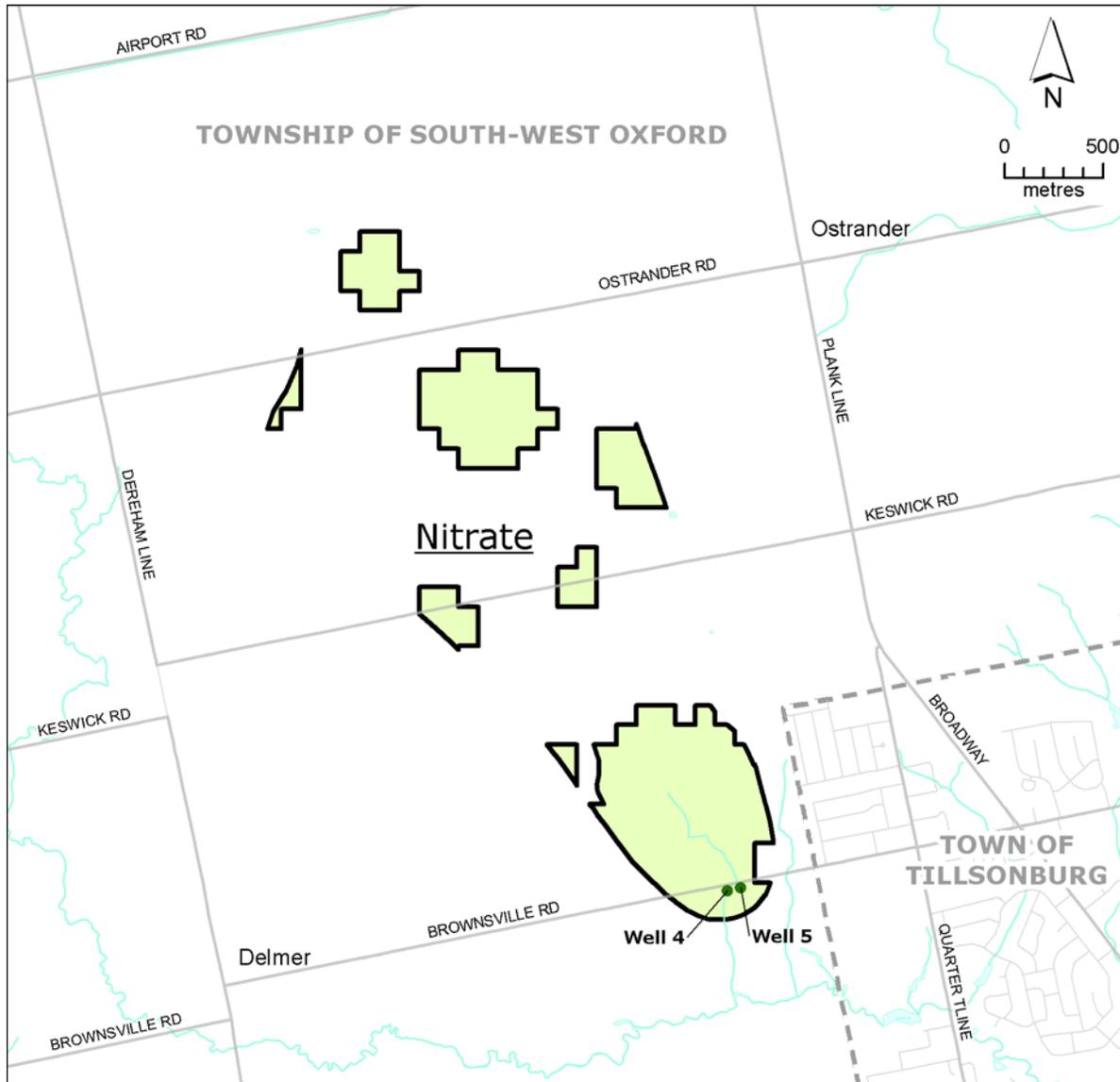
**Wellhead Protection Zones:**

- WHPA-A
- WHPA-B
- WHPA-C



- Updated October 20, 2015
- Larger scale mapping of some map layers, including roads and vulnerability scores, is available at [www.sourcewater.ca](http://www.sourcewater.ca).
- This map is for illustrative purposes only. Information contained hereon is not a substitute for professional review or a site survey and is subject to change without notice. The Grand River Conservation Authority takes no responsibility for, nor guarantees, the accuracy of the information contained on this map. Any interpretations or conclusions drawn from this map are the sole responsibility of the user.

3.11 Schedule F: The County of Oxford: Tillsonburg Water Supply Issue Contributing Area



Significant Drinking Water Threat Policy Applicability

Significant Drinking Water Threat Policy Categories	Identified Issue			
	Chloride	Nitrate	Sodium	TCE
1. Waste Disposal		✓		✓
2. Sewage Systems	✓	✓	✓	✓
3, 4. Agricultural Source Material		✓		
6, 7. Non-Agricultural Source Material		✓		
8, 9. Commercial Fertilizer		✓		
12, 13. Road Salt	✓		✓	
14. Storage of Snow	✓	✓	✓	
16. DNAPLs				✓
21. Livestock Area		✓		

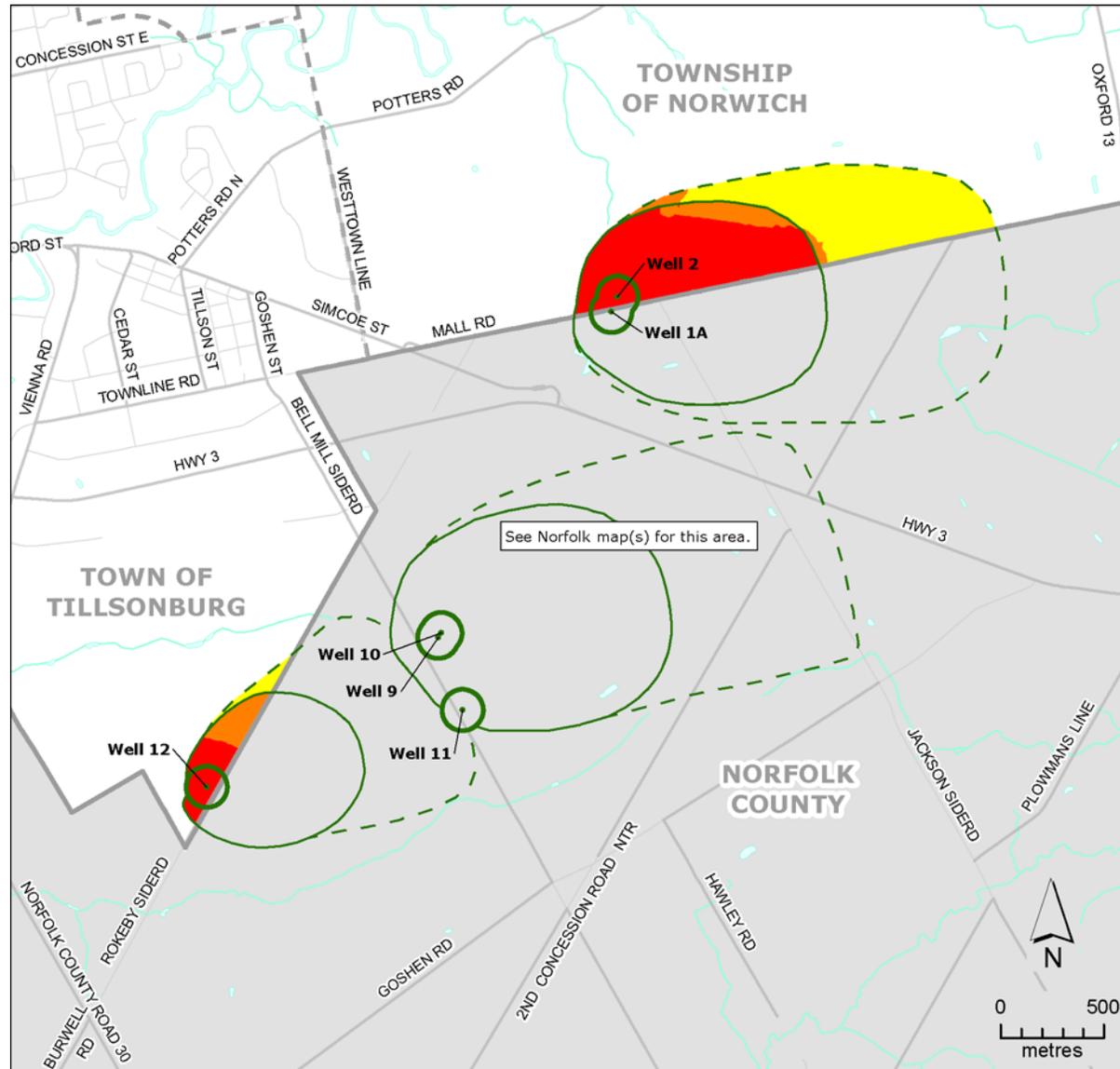
Note: This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) in the Issue Contributing Area(s) shown on this map. For details refer to the text of the Source Protection Plan and the Ministry of the Environment Drinking Water Threats Tables.

Well with Identified Issue(s)	Lakes / Main Rivers
Road	Municipal Boundary
Minor Rivers	Tillsonburg Issue Contributing Area (Nitrate)



1. Updated November 26, 2014  
 2. Larger scale mapping of some map layers, including roads and vulnerability scores, is available at [www.sourcewater.ca](http://www.sourcewater.ca).  
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Schedule G: The County of Oxford: Tillsonburg Water Supply (Southeast Wellfields)



Significant Drinking Water Threat Policy Applicability

Significant Drinking Water Threat Policy Categories	Vulnerability Scores on Map		
	10	8	2,4,6
1. Waste Disposal			
2. Sewage Systems			
3, 4. Agricultural Source Material			
6, 7. Non-Agricultural Source Material*			
8, 9. Commercial Fertilizer*			
10, 11. Pesticide			
12, 13. Road Salt*			
14. Storage of Snow			
15. Fuel			
16. DNAPLs			
17. Organic Solvents			
18. Aircraft De-icing			
21. Livestock Area			
Local Oil Pipelines Threat			

**Note:** This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) within the Non-GUDI Wellhead Protection Zones shown on this map. For details refer to the text of the Source Protection Plan and the Ministry of the Environment Drinking Water Threats Tables.  
 \*Application of Commercial Fertilizer, Non-Agricultural Source Material, and Road Salt may not be a significant drinking water threat in some areas due to the % managed land, livestock density, and/or % impervious surface calculations for these areas. See the text of the plan for further details.

Well  
 Road  
 Municipal Boundary  

 Minor River  

 Lake / Main River  
 Oxford County Boundary  
 WHPA-A  
 WHPA-B  
 WHPA-C



1. Updated November 26, 2014  
 2. Larger scale mapping of some map layers, including roads and vulnerability scores, is available at [www.sourcewater.ca](http://www.sourcewater.ca).  
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## 4.0 NORFOLK COUNTY

The following Norfolk County Source Protection Plan policies apply to the following Norfolk County water supply systems as presented in the following Schedules A through G within the Long Point Region watershed.

- Schedule A: Delhi-Courtland Water Supply- Groundwater
- Schedule B: Delhi-Courtland Water Supply- Lehman Dam Reservoir Intake
- Schedule C: Simcoe Well Supply- Issue Contributing Areas
- Schedule D: Simcoe Well Supply- Northwest Wellfield
- Schedule E: Simcoe Well Supply- Cedar St. & Chapel St. Wellfields
- Schedule F: Tillsonburg Water Supply- Southeast Wellfields within Norfolk County
- Schedule G: Waterford Well Supply

### 4.1 Definitions

General definitions are provided in Volume I of the Source Protection Plan or in the *Clean Water Act, 2006*. Defined terms are intended to capture both the singular and plural forms of these terms.

The following definitions shall apply to the Norfolk County Source Protection Policies.

**County**– means the Corporation of Norfolk County.

**Existing** – means an activity that has started or has been engaged in at a location in a vulnerable area before the Source Protection Plan takes effect.

**New or Future** – means an activity that takes place at a location in a vulnerable area after the Source Protection Plan takes effect, where that activity has never taken place before, or is not an existing activity.

### 4.2 Norfolk County Source Protection Plan Policies

Policy Number	Source Protection Plan Policies within Norfolk County
<b>Implementation Timing and Transitional Policies</b>	
NC-CW-1.1  <i>Implement. &amp; Timing</i>	Except as set out below, the policies contained in this Source Protection Plan shall come into effect on the date set by the Minister. <ol style="list-style-type: none"> <li>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 comes into full force and effect;</li> <li>b. For Section 58 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 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 the notice;</li> </ol>

Policy Number	Source Protection Plan Policies within Norfolk County
	<ul style="list-style-type: none"> <li>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 comes into effect;</li> <li>d. Where the Source Protection Policies require the County and/or the Conservation Authority to develop and implement education and outreach programs as the primary tool for managing or eliminating a particular significant threat, such programs shall be developed and implemented within five (5) years from the date the Source Protection Plan comes into full force and effect.</li> <li>e. For Section 43 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, amendments to Prescribed Instruments shall be completed within three (3) years from the date the Source Protection Plan comes into effect;</li> <li>f. For Section 40 and 42 of the <i>Clean Water Act, 2006</i> the Official Plan must be amended and adopted by Council 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 three (3) years from the adoption of the Official Plan conformity amendment.</li> </ul>
<p>NC-CW-1.2.</p> <p style="text-align: center;"><i>Transition</i></p>	<p>Despite the definition of “existing”, for the purposes of this Plan, where one or more of the following:</p> <ul style="list-style-type: none"> <li>a. A complete application for development under the <i>Planning Act</i> or <i>Condominium Act</i>;</li> <li>b. An application for Environmental Compliance Approval; or</li> <li>c. An application for a Building Permit</li> </ul> <p>has been received by the applicable implementing body prior to the final approval date of this Source Protection Plan, a related significant drinking water threat may be permitted subject to the policies pertaining to existing threats. Where the above noted applications have lapsed or been withdrawn, the above noted transition policies no longer apply.</p>
<b>Uses and Areas Designated as Restricted Land Uses</b>	
<p>NC-CW-1.3</p> <p style="text-align: center;"><i>Part IV- Restricted Land Uses</i></p>	<p>In accordance with Section 59 of the <i>Clean Water Act, 2006</i> all land uses, except solely residential uses, where significant drinking water threat activities have been designated for the purpose of Section 57 or Section 58 of the <i>Clean Water Act, 2006</i> are hereby designated as Restricted Land Uses and a written notice from the Risk Management Official shall be required prior to approval of any Building Permit or <i>Planning Act</i> application.</p> <p>Despite the above policy, a site specific proposed land use that is the subject of an application for an approval under the <i>Planning Act</i> (as prescribed in O. Reg. 287/07 Section 62), or for a permit under the <i>Building Code Act</i>, is not designated for the purposes of Section 59 if the applicant can demonstrate to the satisfaction of the planning authority or the Chief Building Official, as the case may be, that a significant drinking water threat activity designated for the purposes of Section 57 or 58 will not be engaged in.</p>
<b>Official Plan and Zoning By-law Amendment(s) Policies</b>	
<p>NC-MC-1.4</p> <p style="text-align: center;"><i>Future</i></p>	<p>Norfolk County shall amend the Official Plan and the Zoning By-Law to:</p> <ul style="list-style-type: none"> <li>a. Identify the vulnerable areas in which drinking water threats prescribed</li> </ul>

Policy Number	Source Protection Plan Policies within Norfolk County
<i>Land Use Planning</i>	<p>under the <i>Clean Water Act, 2006</i> would be significant;</p> <ul style="list-style-type: none"> <li>b. Indicate that within the areas identified, any use or activity 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 policies in the Source Protection Plan;</li> <li>c. Incorporate any other amendments required to conform with the threat specific land use policies identified in this Source Protection Plan.</li> </ul>
<b>Education and Outreach Programs</b>	
<p>NC-CW-1.5</p> <p><i>Existing/Future Education &amp; Outreach</i></p>	<p>The County, in collaboration with other bodies wherever possible, may develop and implement education and outreach programs directed at any, or all, significant drinking water threats, where such programs are deemed necessary and/or appropriate by the County and subject to available funding. Such programs may include, but not necessarily be limited to, increasing awareness and understanding of drinking water threats and promotion of best management practices.</p>
<b>Incentive Programs</b>	
<p>NC-NB/CW-1.6</p> <p><i>Existing/Future Incentive</i></p>	<p>The Conservation Authority, and/or County, in collaboration with other implementing bodies and levels of government wherever possible, may develop and implement incentive programs directed at various significant threat activities where such programs are deemed necessary and/or appropriate by the Conservation Authority and/or County, subject to available funding.</p>
<p>NC-NB-1.7</p> <p><i>Existing/Future Incentive</i></p>	<p>The Ministry of Environment and other provincial ministries shall consider providing continued funding and support for incentive programs to protect existing and future drinking water sources and address significant drinking water threats, such as the Ontario Drinking Water Stewardship Program and the Rural Water Quality Program.</p>
<p>NC-NB-1.8</p> <p><i>Existing/Future Incentive</i></p>	<p>To reduce the risks to drinking water from the following existing and future activities, where such activities are or would be significant drinking water threats, the Long Point Region Conservation Authority, in consultation with the County, will deliver available cost share incentive programs, as long as the Long Point Region Conservation Authority has such programs and outreach staff available, and work with affected land owners to implement best management practices for the following activities:</p> <ul style="list-style-type: none"> <li>i. The application of agricultural source material to land;</li> <li>ii. The storage of agricultural source material; and,</li> <li>iii. The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard.</li> </ul>
<b>Annual Reporting</b>	
<p>NC-CW-1.9</p> <p><i>Monitoring</i></p>	<p>The County shall provide a report to the Source Protection Authority, by February 1<sup>st</sup> of each year, summarizing the actions taken to implement the Source Protection Plan Policies, where specifically required by the policies.</p> <p>Where the County is required to implement education and outreach programs as the primary means of managing the risk associated with significant drinking water threats, the County shall provide a report to the Source Protection Authority indicating, at minimum, the properties where these programs were implemented and additional details on how the significant drinking water threat was managed and/or ceased to be significant.</p>

Policy Number	Source Protection Plan Policies within Norfolk County
NC-CW-1.10  <i>Monitoring</i>	Where the County is required to amend its Official Plan and/or Zoning By-law to bring their planning documents into conformity with the Source Protection Plan, the County shall provide proof of compliance to the Source Protection Authority and shall provide a copy of such compliance within 30 days of final approval of the amendment(s).
NC-CW-1.11  <i>Monitoring</i>	The Risk Management Official shall provide a report to the Source Protection Authority, by February 1 <sup>st</sup> of each year, summarizing the actions taken to implement the Source Protection Plan policies, in accordance with the <i>Clean Water Act, 2006</i> and associated regulations.
NC-CW-1.12  <i>Monitoring</i>	Where the Source Protection Plan policies may result in amendments to an existing Prescribed Instruments or the issuance of a new Prescribed Instrument, the applicable ministry shall provide a summary of any actions taken the previous year to implement the policies and provide a written report summarizing this information to the Source Protection Authority by February 1 <sup>st</sup> of each year.
NC-CW-1.13  <i>Monitoring</i>	Where the Source Protection Plan policies prohibit an activity that results in a denial of a Prescribed Instrument, the applicable ministry shall summarize the actions taken the previous year to implement the policies and provide a written report summarizing this information to the Source Protection Authority by February 1 <sup>st</sup> of each year.
<b>Local Threat: The Conveyance of Oil by way of Underground Pipelines</b>	
NC-NB-1.14  <i>Future Specify Action</i> WHPA-A-10; WHPA-B-10  <i>Monitoring</i>	To ensure that the conveyance of oil by way of underground pipeline within the meaning of Ontario Regulation 210/01 under the <i>Technical Safety and Standards Act</i> or that is subject to the <i>National Energy Board Act</i> , never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, the pipeline proponent, the National Energy Board, and Ontario Energy Board are encouraged to provide the Source Protection Authority and the County the location of any new proposed pipeline within the County and/or Source Protection Area. The Source Protection Authority should document in the annual report the number of new pipelines proposed within vulnerable areas if a pipeline has been proposed and/or application has been received.
<b>Strategic Action</b>	
<b>Spill Prevention, Spill Contingency or Emergency Response Plans</b>	
NC-NB-1.15  <i>Existing/Future Specify Action</i>	To ensure that spill prevention plans, contingency plans, and emergency response plans are updated for the purpose of protecting drinking water sources with respect to spills that occur within a WHPA or IPZ along highways, railway lines or shipping lanes, <ol style="list-style-type: none"> <li>a. The County is requested to incorporate the location of WHPAs and IPZs into their emergency response plans in order to protect drinking water sources when a spill occurs along highways, rail lines or shipping lanes.</li> <li>b. The Ministry of the Environment is requested to provide mapping of the identified vulnerable areas to assist the Spills Action Centre in responding to reported spills along transportation corridors.</li> </ol>
<b>Transport Pathways</b>	
NC-NB-1.16  <i>Existing/Future Specify Action</i>	To achieve the intent of the <i>Clean Water Act, 2006</i> the County is requested to support ongoing programs which encourage the decommissioning of abandoned wells as per O. Reg. 903 where such activities could be a significant drinking

Policy Number	Source Protection Plan Policies within Norfolk County
	water threat.
<b>Environmental Compliance Approvals and Consultation with County</b>	
NC-NB-1.17 <i>Existing/Future Specify Action</i>	The Ministry of Environment should, collaboratively with the County, develop a consultation process related to document sharing and consultation on the issuance and/or notification of prescribed instruments, which could be used to guide information exchange between the two agencies to protect municipal drinking water sources.
<b>Interpretation</b>	
NC-CW-1.18 <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"> <li>a. 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>.</li> <li>b. 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 successor thereof. This provision is also applicable to any policy statement, regulation or guideline issued by the Province or the County.</li> </ol>

### 4.3 Policies Addressing Prescribed Drinking Water Threats

Policy Number	Source Protection Plan Policies within Norfolk County
<b>1. Establishment, Operation or Maintenance of a Waste Disposal Site, within the Meaning of Part V of the <i>Environmental Protection Act</i></b>	
NC-MC-2.1 <i>Existing Prescribed Instr. WHPA-A-v.10; WHPA-B- v.8; WHPA-B- v.10; WHPA-C-v.8; IPZ- 1-v.9; ICA(NIT)</i>	<p>To ensure that any existing waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> that is subject to an Environmental Compliance Approval ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, the Ministry of the Environment shall review, and if necessary, amend Environmental Compliance Approvals to ensure that terms and conditions are incorporated that, when implemented, ensure that the waste disposal site is managed to reduce the risk to municipal drinking water sources.</p> <p>The terms and conditions may include, as appropriate, ongoing monitoring and leak/contamination detection, capture, and treatment methods, as well as run-off prevention techniques completed by the proponent.</p>
NC-CW-2.2 <i>Existing Part IV-RMP WHPA-A- v.10</i>	To ensure that any existing waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> which does not require an Environmental Compliance Approval under Part V of the <i>Environmental Protection Act</i> , ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, within a WHPA-A this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.

Policy Number	Source Protection Plan Policies within Norfolk County
<p>NC-MC-2.3</p> <p><i>Future Prescribed Instr.</i>                      WHPA-A- v.10;                      WHPA-B- v.8;                      WHPA-B- v.10;                      WHPA-C-v.8;                      IPZ- 1-v.9;                      ICA(NIT)</p>	<p>To ensure that the establishment, operation or maintenance of a new waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> that is subject to an Environmental Compliance Approval never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, the Ministry of the Environment shall prohibit this activity within the Environmental Compliance Approvals process.</p>
<p>NC-CW-2.4</p> <p><i>a)Future Part IV-Prohibit</i>                      WHPA-A- v.10</p> <p><i>b)Existing/Future Part IV-RMP</i>                      WHPA-B- v.8;                      WHPA-B- v.10;                      WHPA-C-v.8;                      IPZ- 1-v.9</p> <p><i>ICA(NIT)</i>                      (outside WHPA-A)</p>	<p>To ensure that the establishment, operation or maintenance of a waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> which does not require an Environmental Compliance Approval, ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat,</p> <ol style="list-style-type: none"> <li>a. Future activities shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> within a WHPA-A and shall be prohibited.</li> <li>b. Existing and Future activities shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required within a WHPA-B or C with a vulnerability score greater than or equal to eight (8) and an IPZ with a vulnerability score equal to nine (9) and a Nitrate ICA outside of a WHPA-A.</li> </ol>
<p><b>2. Establishment, Operation or Maintenance of a System That Collects, Stores, Transmits, Treats or Disposes of Sewage</b></p>	
<p>Sewage System or Sewage Works - Septic System and Septic System Holding Tanks</p>	
<p>NC-CW-3.1</p> <p><i>Existing/Future Specify Action</i>                      WHPA-A- v.10;                      WHPA-B- v.10;                      ICA(NIT)</p>	<p>To ensure that any existing or new septic system and/ or holding tank with a design flow of less than or equal to 10,000 Litres per day and subject to approval under the <i>Ontario Building Code Act</i> or the <i>Ontario Water Resources Act</i> ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the County shall implement an on-site septic system maintenance inspection program, as required under the <i>Ontario Building Code Act</i>. Inspections should be prioritized based on the proximity to the drinking water supply.</p>
<p>NC-MC-3.2</p> <p><i>Future Land Use Planning/Specify Action</i>                      WHPA-A- v.10;                      WHPA-B- v.10;                      ICA(NIT)</p>	<p>To ensure that any replacement or new septic system and/ or holding tank with a design flow of less than or equal to 10,000 Litres per day and subject to approval under the <i>Ontario Building Code Act</i> or the <i>Ontario Water Resources Act</i> never becomes a significant drinking water threat, the County shall amend their Official Plan and Zoning By-law to direct land uses relying on these activities to a location on the same property where these activities would not be a significant drinking water threat. Further, the County shall assess the option of identifying preferred systems (e.g. tertiary treatment) for development.</p>
<p>NC-MC-3.3</p> <p><i>Existing Prescribed Instr.</i>                      WHPA-A- v.10;                      WHPA-B- v.10;                      ICA(NIT)</p>	<p>To ensure that an existing septic system and/ or holding tank with a design flow of greater than 10,000 Litres per day and regulated under the <i>Ontario Water Resources Act</i> ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, the Ministry of the Environment shall review and, if necessary, amend Environmental Compliance Approvals to incorporate terms and conditions that, when implemented, ensure that these septic systems are managed to reduce the risk to drinking water sources.</p> <p>The terms and conditions may include, as appropriate, requirements for the proponent/applicant to undertake mandatory monitoring of groundwater impacts, contingencies in the event that drinking water quality is adversely affected, regular and ongoing compliance monitoring, mandatory system inspections at least every</p>

Policy Number	Source Protection Plan Policies within Norfolk County
	five (5) years, and upgrading of these septic systems to current standards, if necessary. In addition, the terms and conditions may include annual reporting to the County of any monitoring and inspection programs required and their results.
NC-MC-3.4  <i>Future Land Use Planning</i> WHPA-A- v.10; WHPA-B- v.10; ICA(NIT)	To ensure that the establishment of a new on-site septic system and/ or holding tank with a design flow of greater than 10,000 Litres per day and regulated under the <i>Ontario Water Resources Act</i> never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, the County shall amend their Official Plan and Zoning By-law to prohibit new development which relies on this type of on-site septic system.
<b>Sewage System or Sewage Works- Sanitary Sewers and Related Pipes</b>	
NC-MC-3.5  <i>Existing/Future Prescribed Instr.</i> WHPA-A- v.10; WHPA-B- v.10; ICA(NIT)	To ensure that existing or new sanitary sewer and related pipe cease to be or never become a significant drinking water threat, where this activity is, or would be, a significant drinking water threat the Ministry of the Environment shall ensure that Environmental Compliance Approvals, where required, be prepared and, if necessary, be amended to incorporate terms and conditions that, when implemented, will reduce the risks to the municipal drinking water sources. The terms and conditions may include requirements for regular maintenance and inspections conducted by the proponent.
Sewage System or Sewage Works- Storage of Sewage (e.g., treatment plant tanks) Sewage System or Sewage Works- Treatment Plant Effluent Discharges (includes lagoons) Sewage System or Sewage Works- Combined Sewer Discharge from a Stormwater Outlet to Surface Sewage System or Sewage Works- Industrial Effluent Discharges Sewage System or Sewage Works- Treatment Plant By-pass Discharge to Surface Water	
NC-MC-3.6  <i>Future Prescribed Instr.</i> WHPA-A- v.10; WHPA-B- v.10; WHPA-B-v.8; WHPA-C-v.8; IPZ- 1-v.9; ICA(NIT)	To ensure that the future storage of sewage, treatment plant effluent discharges, combined sewer discharge from a stormwater outlet, industrial effluent discharges and/or sewage treatment plant by-pass discharge to surface water never become a significant drinking water threat, where these activities would be a significant drinking water threat, the Ministry of the Environment shall prohibit these activities within the Environmental Compliance Approval process.
NC-CW-3.7  <i>Existing Specify Action</i> WHPA-A- v.10; WHPA-B- v.10; WHPA-B-v.8; WHPA-C-v.8; IPZ- 1-v.9	To ensure that the existing storage of sewage and/or sewage treatment plant effluent discharges cease to be significant drinking water threats, where such activities are significant drinking water threats, the County shall promote available programs, such as the Grand River Watershed Wastewater Optimization Program.
NC-MC-3.8  <i>Existing Prescribed Instr.</i> WHPA-A- v.10; WHPA-B- v.10; WHPA-B-v.6; WHPA-C-v.8; IPZ- 1-v.9	To ensure that combined sewer discharge from a stormwater outlet, industrial effluent discharges and/or sewage treatment plant by-pass discharge to surface water cease to be significant drinking water threats, where such activities are significant drinking water threats, the Ministry of the Environment shall review, and if necessary, amend Environmental Compliance Approvals to incorporate terms and conditions that, when implemented, will reduce the risks to municipal drinking water sources.
<b>Sewage System of Sewage Works- Discharge of Stormwater from a Stormwater Management Facility</b>	
NC-MC-3.9  <i>Existing/Future Prescribed Instr.</i> WHPA-A-v.10; WHPA-B-v.10; IPZ-1-9 ICA(NIT)	To ensure that any existing or new stormwater management facility that discharges stormwater never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, the Ministry of the Environment shall review and, if necessary, amend Environmental Compliance Approvals to incorporate terms and conditions (for example: regular maintenance) that, when implemented, will reduce the risks to municipal drinking water sources.

Policy Number	Source Protection Plan Policies within Norfolk County
<p><b>3. The Application of Agricultural Source Material to Land</b>  <b>4. The Storage of Agricultural Source Material</b></p>	
<p>NC-CW-4.1</p> <p><i>Existing/Future Part IV-RMP WHPA-B-v.10</i></p>	<p>To ensure that the existing or future application and storage of agricultural source material to land cease to be or never become significant drinking water threats, for lands not phased-in under the <i>Nutrient Management Act</i> within a WHPA-B with a vulnerability score equal to ten (10), this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required. The requirements of the Risk Management Plan will generally be based on the requirements of a Nutrient Management Plan and/or Strategy under the <i>Nutrient Management Act</i>, but may also include any modifications or additional requirements deemed necessary or appropriate by the Risk Management Official.</p>
<p>NC-MC-4.2.</p> <p><i>Existing/Future Prescribed Instr. WHPA-B-v.10</i></p>	<p>To ensure that the existing or future application and storage of agricultural source material to land phased-in under the <i>Nutrient Management Act</i> within a WHPA-B with a vulnerability score equal to ten (10) ceases to be or never becomes a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs shall review and, if necessary, amend the Nutrient Management Plan/Strategy to incorporate measures and/or terms and conditions that, when implemented, will reduce the risks to municipal drinking water sources.</p>
<p>NC-CW-4.3</p> <p><i>Existing/Future Part IV-Prohibit WHPA-A-v.10; IPZ-1-v.9</i></p>	<p>To ensure that the existing or future application and storage of agricultural source material to land within a WHPA-A or IPZ with a vulnerability score equal to nine (9) ceases to be or never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.</p>
<p>NC-CW-4.4</p> <p><i>Existing/Future Education&amp;Outreach WHPA-A-v.10; WHPA-B-v.10; ICA (NIT); IPZ-1-v.9</i></p>	<p>To ensure that the existing or future application or storage of agricultural source material ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the County shall develop and implement an education and outreach program targeted to individuals storing and applying agricultural source material to land within vulnerable areas.</p>
<p><b>6. The Application of Non-Agricultural Source Material (NASM)</b>  <b>7. The Handling and Storage of Non-Agricultural Source Material (NASM)</b></p>	
<p>NC-MC-5.1</p> <p><i>Existing/Future Prescribed Instr. WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.9</i></p> <p><i>In the Delhi and Waterford well systems policy only applies to the application of NASM from a meat plant or sewage works</i></p>	<p>To ensure that the existing and future application of non-agricultural source material to land within a WHPA-A or B with a vulnerability score equal to ten (10) or IPZ with a vulnerability score equal to nine (9) ceases to be or never becomes a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs or the Ministry of the Environment, as applicable, shall revoke, or not approve, any Non-Agricultural Source Material (NASM) Plan, in accordance with the <i>Nutrient Management Act</i>, or any activity within the Environmental Compliance Approval process in accordance with the <i>Environmental Protection Act</i> that permits, or would permit, the application of non-agricultural source material within these vulnerable areas.</p>
<p>NC-CW-5.2</p> <p><i>Existing/Future Education&amp;Outreach WHPA-A-v.10; WHPA-B-v.10;</i></p>	<p>To ensure that the existing or future application or storage of non-agricultural source material on land ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the County shall develop and implement an education and outreach program targeted to individuals storing and applying non-agricultural source material to land</p>

Policy Number	Source Protection Plan Policies within Norfolk County
ICA(NIT); IPZ-1-v.9	within vulnerable areas to ensure that those individuals engaged in the activity are educated in methods to reduce the risk to drinking water sources.
NC-MC-5.3  Existing Prescribed Instr. WHPA-A-v.10; WHPA-B-v.10	To ensure that the existing handling and storage of non-agricultural source material within a WHPA-A or B with a vulnerability score equal to ten (10) ceases to be a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs, or Ministry of the Environment, as applicable, shall review and, if necessary, amend a Non-Agricultural Source Material (NASM) Plan, in accordance with the <i>Nutrient Management Act</i> , or an Environmental Compliance Approval, in accordance with the <i>Environmental Protection Act</i> , to incorporate measures and/or terms and conditions that, when implemented, will reduce the risks to municipal drinking water sources.
NC-MC-5.4  Future Part IV-Prohibit WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.9	To ensure that any new facility for the handling and storage of non-agricultural source material on lands within a WHPA-A or B with a vulnerability score equal to ten (10) or IPZ with a vulnerability score equal to nine (9) never becomes a significant drinking water threat, this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.
<b>8. The Application of Commercial Fertilizer to Land</b>	
NC-CW-6.1  Existing/Future Part IV-RMP WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.9  Currently does not apply to the application of commercial fertilizer in the Delhi and Waterford well systems due to managed land and livestock density calculations	To ensure that the existing and future application of commercial fertilizer to land within a WHPA-A or B with a vulnerability score equal to ten (10) or IPZ with a vulnerability score equal to nine (9) ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
NC-CW-6.2  Existing/Future Education&Outreach WHPA-A-v.10; WHPA-B-v.10; ICA(NIT); IPZ-1-v.9	To ensure that the existing or future application of commercial fertilizer to land ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the County shall develop and implement an education and outreach program targeted to individuals applying commercial fertilizer to land within vulnerable areas to ensure that those individuals engaged in the activity are educated in methods to reduce the risk to drinking water sources.
<b>9. The Handling and Storage of Commercial Fertilizer</b>	
NC-CW-7.1  Existing Part IV-RMP WHPA-A-v.10; WHPA-B-v.10; ICA(NIT)	To ensure that any existing handling and storage of more than 2,500 Kilograms of commercial fertilizer as defined in O.Reg. 267/03, under the <i>Nutrient Management Act</i> ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.

Policy Number	Source Protection Plan Policies within Norfolk County
NC-CW-7.2  <i>Future Part IV-Prohibit WHPA-A-v.10; WHPA-B-v.10; ICA(NIT)</i>	To ensure that any future handling and storage of more than 2,500 Kilograms of commercial fertilizer as defined in O.Reg. 267/03 under the <i>Nutrient Management Act</i> never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.
<b>10. The Application of Pesticide to Land</b>	
NC-CW-8.1  <i>Existing/Future Part IV-RMP WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.9</i>	To ensure that any existing or future application of pesticides ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
NC-CW-8.2  <i>Existing/Future Education&amp;Outreach WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.9</i>	To ensure that the existing or future application of pesticides ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the County shall develop and implement an education and outreach program targeted to individuals applying pesticides to land within vulnerable areas to ensure that those individuals engaged in the activity are educated in methods to reduce the risk to drinking water sources.
<b>11. The Handling and Storage of Pesticides</b>	
NC-CW-9.1  <i>Existing Part IV – RMP WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.9</i>	To ensure that any existing handling and storage of pesticides ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
NC-CW-9.2  <i>Future Part IV – Prohibit WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.9</i>	To ensure that the future handling and storage of pesticides never become a significant drinking water threat, where this activity would be a significant drinking water threat, this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.
<b>13. The Handling and Storage of Road Salt</b>	
NC-CW-10.1  <i>Existing Part IV – RMP WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.9</i>	To ensure that the existing handling and storage of road salt greater than 5,000 tonnes ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
NC-CW-10.2  <i>Future Part IV – Prohibit WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.9</i>	To ensure any new handling and storage of road salt greater than 5,000 tonnes never becomes a significant drinking water threat, where this activity would be a significant drinking water threat; this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.
<b>14. The Storage of Snow</b>	
NC-CW-11.1  <i>Existing/Future Part IV – Prohibit WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.9 ICA(NIT)</i>	To ensure that any existing or new storage of snow ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.
<b>15. The Handling and Storage of Fuel</b>	

Policy Number	Source Protection Plan Policies within Norfolk County
NC-CW-12.1  <i>Existing Part IV – RMP WHPA-A-v.10; WHPA-B-v.10</i>	To ensure that the existing handling and storage of fuel with a volume of more than 250 Litres ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
NC-CW-12.2  <i>Existing/Future Education&amp;Outreach WHPA-A-v.10; WHPA-B-v.10</i>	To ensure that the existing and future handling and storage of fuel with a volume of more than 250 Litres but not more than 2500 Litres, ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the County shall develop and implement an education and outreach program for property owners with identified fuel oil tanks 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.
NC-CW-12.3  <i>i)Future Part IV – Prohibit WHPA-A-v.10  ii)Future Part IV – RMP WHPA-A-v.10 (emergency back-up generators)</i>	To ensure that any new handling and storage of fuel within WHPA-A never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, <ol style="list-style-type: none"> <li>i. This activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.</li> <li>ii. Notwithstanding policy NC-CW-12.3a), fuel handling and storage required for emergency back-up generators shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.</li> </ol>
NC-CW-12.4  <i>Future Part IV – RMP WHPA-B-10</i>	To ensure that the future handling and storage of fuel within WHPA-B with a vulnerability score equal to ten (10) with a volume of more than 250 Litres never becomes a significant drinking water threat, where this activity is a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
<b>16. The Handling and Storage of a Dense Non-Aqueous Phase Liquid (DNAPL)</b>	
NC-CW-13.1  <i>Existing Part IV – RMP WHPA-A/B/C</i>	To ensure that any existing handling and storage of a dense non-aqueous phase liquid for industrial, commercial, institutional and agricultural purposes ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
NC-CW-13.2  <i>Future Part IV – Prohibit WHPA-A-v.10; WHPA-B-v.10</i>	To ensure that any new handling and storage of a dense non-aqueous phase liquid for industrial, commercial institutional and agricultural purposes within WHPA-A or B with a vulnerability score equal to ten (10) never becomes a significant drinking water threat, this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.
NC-CW-13.3  <i>Future Part IV – RMP WHPA-B; WHPA-C</i>	To ensure that any new handling and storage of a dense non-aqueous phase liquid for industrial, commercial, institutional and agricultural purposes never becomes a significant drinking water threat, within a WHPA-B with a vulnerability score less than (10) or WHPA-C, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
NC-CW-13.4  <i>Existing/Future Education&amp;Outreach WHPA-A/B/C</i>	To ensure that any existing or new handling and storage of a dense non-aqueous phase liquid ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the County shall implement an education and outreach program to encourage the use of

Policy Number	Source Protection Plan Policies within Norfolk County
	alternative products where available and the proper disposal of these liquids.
<b>17. The Handling and Storage of an Organic Solvent</b>	
NC-CW-14.1  <i>Existing</i> Part IV – RMP WHPA-A-v.10; WHPA-B-v.10	To ensure that the existing handling and storage of an organic solvent ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
NC-CW-14.2  <i>Future</i> Part IV – Prohibit WHPA-A-v.10; WHPA-B-v.10	To ensure that any new handling and storage of an organic solvent never becomes a significant drinking water threat, where this activity would be a significant drinking water threat; this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.
<b>18. The Management of Runoff that Contains Chemicals Used in De-icing of Aircraft</b>	
NC-CW-15.1  <i>Future</i> Part IV – RMP WHPA-A-v.v.10; WHPA-B-v.10; IPZ-1-v.9	To ensure that any new airport where there could be runoff containing de-icing chemicals never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
<b>21. The Use of Land as Livestock Grazing or Pasturing Land, an Outdoor Confinement Area or Farm Animal Yard</b>	
NC-CW-16.1  <i>Existing/Future</i> Part IV-RMP WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.9	To ensure that the existing or future use of land for livestock grazing or pasturing located within a WHPA-A or B with a vulnerability score equal to ten (10) or IPZ with a vulnerability score equal to nine (9) ceases to be or never becomes a significant drinking water threat, where these activities are, or would be, a significant drinking water threat, these activities shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
NC-CW-16.2  <i>Future</i> Part IV-Prohibit WHPA-A-v.10; IPZ-1-v.9	To ensure that any new farm animal yard or outdoor confinement area located within a WHPA-A or IPZ with a vulnerability score equal to nine (9) never become a significant drinking water threat, where these activities would be a significant drinking water threat, these activities shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.
NC-CW-16.3  <i>Existing/Future</i> Part IV-RMP WHPA-A-v.10; WHPA-B-v.10;	To ensure that a farm animal yard or an outdoor confinement area as defined in O. Reg. 267/03 under the <i>Nutrient Management Act</i> for: <ul style="list-style-type: none"> <li>i) an existing livestock operation not phased-in under the <i>Nutrient Management Act</i> within a WHPA-A; or,</li> <li>ii) a new livestock operation not phased-in under the <i>Nutrient Management Act</i> within a WHPA-B with a vulnerability score equal to ten (10),</li> </ul> ceases to be or never becomes a significant drinking water threat, these activities shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required. <p>The requirements of the Risk Management Plan will generally be based on the requirements of a Nutrient Management Plan and/or Strategy under the <i>Nutrient Management Act</i>, but may also include any modifications or additional requirements deemed necessary or appropriate by the Risk Management Official.</p>

Policy Number	Source Protection Plan Policies within Norfolk County
<p>NC-MC-16.4</p> <p><i>Existing/Future Prescribed Instr. WHPA-B-v.10</i></p>	<p>To ensure that a farm animal yard or an outdoor confinement area as defined in O. Reg. 267/03 under the <i>Nutrient Management Act</i>, for an existing or new livestock operation requiring a Nutrient Management Plan or Strategy in accordance with the <i>Nutrient Management Act</i> within a WHPA-B with a vulnerability score equal to ten (10) ceases to be or never becomes a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs shall review and, if necessary, amend the required Nutrient Management Plan/Strategy to ensure that such Plan/Strategy incorporates measures and/or terms and conditions deemed necessary to ensure that these activities do not become a risk to municipal drinking water sources.</p>
<p>NC-CW-16.5</p> <p><i>Existing/Future Education&amp;Outreach WHPA-A-v.10; WHPA-B-v.10; ICA(NIT); IPZ-1-v.9</i></p>	<p>To ensure that the use of land for livestock grazing, pasturing, farm animal yard or an outdoor confinement area for existing or new livestock operations ceases to be or never becomes a significant drinking water threat, where these activities are, or would be, a significant drinking water threat, the County shall develop and implement an education and outreach program targeted to farms with livestock grazing, pasturing, farm animal yards or outdoor confinement areas within vulnerable areas to ensure that those individuals engaged in the activity are educated in methods to reduce the risk to drinking water sources.</p>

#### **4.4 Appendix A: List of Policies as Per Section 34 of Regulation 287/07**

##### **LIST A**

Title: Significant threat policies that affect decisions under the *Planning Act* and *Condominium Act*, 1998

Opening Statement: “Clause 39 (1)(a), subsections 39 (2), (4) and (6), and sections 40 and 42 of the *Clean Water Act*, 2006 apply to the following policies:”

Content: NC-CW-1.1, NC-CW-1.2, NC-CW-1.3, NC-MC-1.4, NC-MC-3.2 NC-MC-3.4

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##### **LIST B**

Title: Moderate and low threat policies that affect decisions under the *Planning Act* and *Condominium Act*, 1998

Opening Statement: “Subsection 39 (1) (b) of the *Clean Water Act*, 2006 applies to the following policies:”

Content: No Applicable Policies

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##### **LIST C**

Title: Significant threat policies that affect prescribed instrument decisions

Opening Statement: “Subsection 39 (6), clause 39 (7) (a), section 43 and subsection 44 (1) of the *Clean Water Act*, 2006 apply to the following policies:”

Content: NC-CW-1.1, NC-CW-1.2, NC-MC-2.1, NC-MC-2.3, NC-MC-3.3, NC-MC-3.5, NC-MC-3.6, NC-MC-3.8, NC-MC-3.9, NC-MC-4.2, NC-MC-5.1, NC-MC-5.3, NC-MC-16.4

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##### **LIST D**

Title: Moderate and low threat policies that affect prescribed instrument decisions

Opening Statement: “Clause 39 (7) (b) of the *Clean Water Act*, 2006 applies to the following policies:”

Content: No Applicable Policies

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##### **LIST E**

Title: Significant threat policies that impose obligations on municipalities, source protection authorities and local boards

Opening Statement: “Section 38 and subsection 39 (6) of the *Clean Water Act*, 2006 applies to the following policies:”

Content: NC-CW-1.1, NC-CW-1.2, NC-CW-1.5, NC-NB/CW-1.6, NC-CW-1.18, NC-CW-3.1, NC-MC-3.2, NC-CW-3.7 NC-CW-4.4, NC-CW-5.2, NC-CW-6.2, NC-CW-8.2, NC-CW-12.2, NC-CW-13.4, NC-CW-16.5

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##### **LIST F**

Title: Monitoring policies referred to in subsection 22 (2) of the *Clean Water Act*, 2006

Opening Statement: “Section 45 of the *Clean Water Act*, 2006 applies to the following policies:”

Content: NC-CW-1.9, NC-CW-1.10, NC-CW-1.11, NC-CW-1.12, NC-CW-1.13, NC-NB-1.14

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**LIST G**

Title: Policies related to section 57 of the *Clean Water Act*, 2006

Opening Statement: “The following policies relate to section 57 (prohibition) of the Clean Water Act.”

Content: NC-CW-1.1, NC-CW-2.4a, NC-CW-4.3, NC-CW-5.4, NC-CW-7.2, NC-CW-9.2, NC-CW-10.2, NC-CW-11.1, NC-CW-12.3i, NC-CW-13.2, NC-CW-14.2, NC-CW-16.2

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**LIST H**

Title: Policies related to section 58 of the *Clean Water Act*, 2006

Opening Statement: “The following policies relate to section 58 (risk management plans) of the Clean Water Act.”

Content: NC-CW-1.1, NC-CW-2.2, NC-CW-2.4b, NC-CW-4.1, NC-CW-6.1, NC-CW-7.1, NC-CW-8.1, NC-CW-9.1, NC-CW-10.1, NC-CW-12.1, NC-CW-12.3ii, NC-CW-12.4, NC-CW-13.1, NC-CW-13.3, NC-CW-14.1, NC-CW-15.1, NC-CW-16.1, NC-CW-16.3

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**LIST I**

Title: Policies related to section 59 of the *Clean Water Act*, 2006

Opening Statement: “The following policies relate to section 59 (restricted land use) of the *Clean Water Act*.”

Content: NC-CW-1.1, NC-CW-1.3

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**LIST J**

Title: Strategic Action policies

Opening Statement: For the purposes of section 33 of Ontario Regulation 287/07, the following policies are identified as strategic action policies:

Content: NC-NB-1.15, NC-NB-1.16, NC-NB-1.17

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**LIST K**

Title: Significant threat policies targeted to bodies other than municipalities, local board or source protection authorities for implementation

Opening Statement: The following policies are identified as non-legally binding policies.

Content: NC-NB/CW-1.6, NC-NB-1.7, NC-NB-1.8, NC-NB-1.17

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4.5 Appendix B: Prescribed Instruments and Policy Summary Tables

Table 1: Prescribed Instruments Which Apply To Source Protection Plan Policies In Lists C And D Above (S.34(4) Of O.Reg. 287/07)

Policy #	Legal Effect (conform with, have regard to)	Environmental Protection Act	Nutrient Management Act	Ontario Water Resources Act
NC-CW-1.1	Comply With	X	X	X
NC-CW-1.2	Comply With	X		X
NC-MC-2.1	Must Conform	X		X
NC-MC-2.3	Must Conform	X		X
NC-MC-3.3	Must Conform	X		X
NC-MC-3.5	Must Conform	X		X
NC-MC-3.6	Must Conform	X		X
NC-MC-3.8	Must Conform	X		X
NC-MC-3.9	Must Conform	X		X
NC-MC-4.2	Must Conform		X	
NC-MC-5.1	Must Conform	X	X	
NC-MC-5.3	Must Conform	X	X	
NC-MC-16.4	Must Conform		X	

Table 2: Policy Summary Matrix

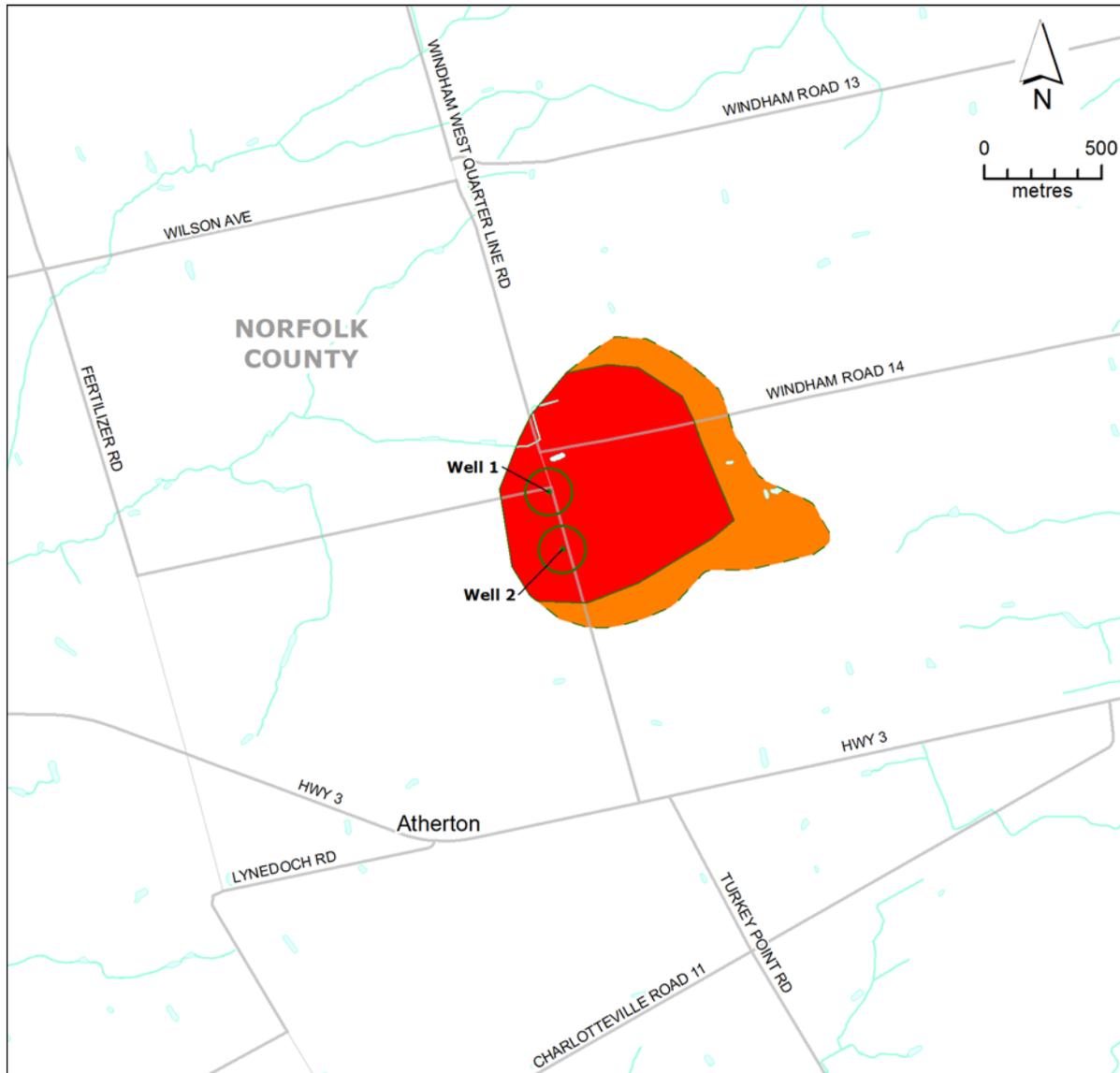
Policy ID#	Legal Effect (conform with, have regard to, non-binding)	Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)	Policy affects Prescribed Instrument decisions (Lists C and D)	Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)	Monitoring policies referred to in s.22(2) of the Clean Water Act (CWA) (List F)	Part IV Policies - Significant threat policies that are designated in the plan as requiring a risk management plan, are prohibited under s. 57, or to which s. 59 of the CWA applies (Lists G, H, and I)	Strategic Action Policies (List J)	Significant threat policies which designate a body other than a municipality, source protection authority or local board as responsible for implementing the policy (List K)
NC-CW-1.1	Comply With	X	X	X		X		
NC-CW-1.2	Comply With	X	X	X				
NC-CW-1.3	Comply With	X				X		
NC-MC-1.4	Must Conform	X						
NC-MC-3.2	Must Conform	X		X				
NC-MC-3.4	Must Conform	X						

Policy ID#	Legal Effect (conform with, have regard to, non-binding)	Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)	Policy affects Prescribed Instrument decisions (Lists C and D)	Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)	Monitoring policies referred to in s.22(2) of the Clean Water Act (CWA) (List F)	Part IV Policies - Significant threat policies that are designated in the plan as requiring a risk management plan, are prohibited under s. 57, or to which s. 59 of the CWA applies (Lists G, H, and I)	Strategic Action Policies (List J)	Significant threat policies which designate a body other than a municipality, source protection authority or local board as responsible for implementing the policy (List K)
NC-MC-2.1	Must Conform		X					
NC-MC-2.3	Must Conform		X					
NC-MC-3.3	Must Conform		X					
NC-MC-3.5	Must Conform		X					
NC-MC-3.6	Must Conform		X					
NC-MC-3.8	Must Conform		X					
NC-MC-3.9	Must Conform		X					
NC-MC-4.2	Must Conform		X					
NC-MC-5.1	Must Conform		X					
NC-MC-5.3	Must Conform		X					
NC-MC-16.4	Must Conform		X					
NC-CW-1.5	Comply With			X				
NC-NB/CW-1.6	Non-Binding Comply With			X				X
NC-CW-1.18	Comply With			X				
NC-CW-3.1	Comply With			X				
NC-CW-3.7	Comply With			X				
NC-CW-4.4	Comply With			X				
NC-CW-5.2	Comply With			X				
NC-CW-6.2	Comply With			X				
NC-CW-8.2	Comply With			X				
NC-CW-12.2	Comply With			X				
NC-CW-13.4	Comply With			X				
NC-CW-16.5	Comply With			X				
NC-CW-1.9	Comply With				X			
NC-CW-1.10	Comply With				X			
NC-CW-1.11	Comply With				X			
NC-CW-1.12	Comply With				X			

Policy ID#	Legal Effect (conform with, have regard to, non-binding)	Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)	Policy affects Prescribed Instrument decisions (Lists C and D)	Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)	Monitoring policies referred to in s.22(2) of the Clean Water Act (CWA) (List F)	Part IV Policies - Significant threat policies that are designated in the plan as requiring a risk management plan, are prohibited under s. 57, or to which s. 59 of the CWA applies (Lists G, H, and I)	Strategic Action Policies (List J)	Significant threat policies which designate a body other than a municipality, source protection authority or local board as responsible for implementing the policy (List K)
NC-CW-1.13	Comply With				X			
NC-NB-1.14	Non-Binding				X			
NC-CW-2.4	Comply With					X		
NC-CW-4.3	Comply With					X		
NC-CW-5.4	Comply With					X		
NC-CW-7.2	Comply With					X		
NC-CW-9.2	Comply With					X		
NC-CW-10.2	Comply With					X		
NC-CW-11.1	Comply With					X		
NC-CW-12.3	Comply With					X		
NC-CW-13.2	Comply With					X		
NC-CW-14.2	Comply With					X		
NC-CW-16.2	Comply With					X		
NC-CW-2.2	Comply With					X		
NC-CW-4.1	Comply With					X		
NC-CW-6.1	Comply With					X		
NC-CW-7.1	Comply With					X		
NC-CW-8.1	Comply With					X		
NC-CW-9.1	Comply With					X		
NC-CW-10.1	Comply With					X		
NC-CW-12.1	Comply With					X		
NC-CW-12.4	Comply With					X		
NC-CW-13.1	Comply With					X		
NC-CW-13.3	Comply With					X		
NC-CW-14.1	Comply With					X		
NC-CW-15.1	Comply With					X		
NC-CW-16.1	Comply With					X		

Policy ID#	Legal Effect (conform with, have regard to, non-binding)	Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)	Policy affects Prescribed Instrument decisions (Lists C and D)	Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)	Monitoring policies referred to in s.22(2) of the Clean Water Act (CWA) (List F)	Part IV Policies - Significant threat policies that are designated in the plan as requiring a risk management plan, are prohibited under s. 57, or to which s. 59 of the CWA applies (Lists G, H, and I)	Strategic Action Policies (List J)	Significant threat policies which designate a body other than a municipality, source protection authority or local board as responsible for implementing the policy (List K)
NC-CW-16.3	Comply With					X		
NC-NB-1.15	Non-Binding						X	
NC-NB-1.16	Non-Binding						X	
NC-NB-1.7	Non-Binding							X
NC-NB-1.8	Non-Binding							X
NC-NB-1.17	Non-Binding						X	X

4.6 Schedule A: Norfolk County: Delhi-Courtland Water Supply (Groundwater Wells)



Significant Drinking Water Threat Policy Applicability

Significant Drinking Water Threat Policy Categories	Vulnerability Scores on Map		
	10	8	2,4,6
1. Waste Disposal	■	■	■
2. Sewage Systems	■	■	
3, 4. Agricultural Source Material	■	■	
6, 7. Non-Agricultural Source Material*	■	■	
8, 9. Commercial Fertilizer*	■	■	
10, 11. Pesticide	■	■	
12, 13. Road Salt*	■	■	
14. Storage of Snow	■	■	
15. Fuel	■	■	
16. DNAPLs	■	■	■
17. Organic Solvents	■	■	
18. Aircraft De-icing	■	■	
21. Livestock Area	■	■	
Local Threat	■	■	■

**Note:** This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) within the Non-GUDI Wellhead Protection Zones shown on this map. For details refer to the text of the Source Protection Plan and the Ministry of the Environment Drinking Water Threats Tables.  
 \*Application of Commercial Fertilizer, Non-Agricultural Source Material, and Road Salt may not be a significant drinking water threat in some areas due to the % managed land, livestock density, and/or % impervious surface calculations for these areas. See the text of the plan for further details.

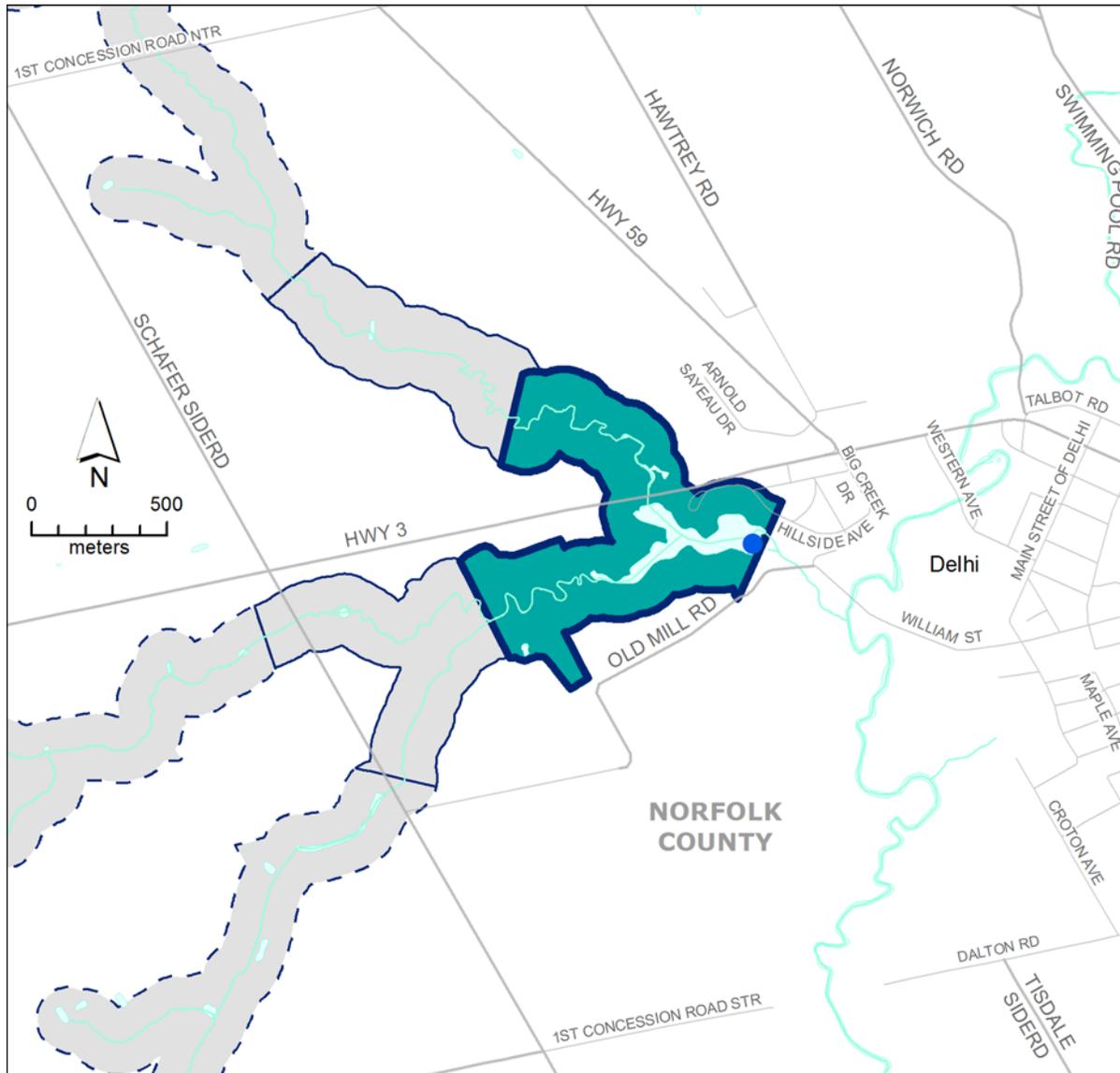
● Well  
— Road  
~ Minor River  
☪ Lake / Main River

**Wellhead Protection Zones:**  
○ WHPA-A  
○ WHPA-B  
○ WHPA-C



1. Updated November 25, 2014  
 2. Larger scale mapping of some map layers, including roads and vulnerability scores, is available at [www.sourcewater.ca](http://www.sourcewater.ca).  
 3. This map is for illustrative purposes only. Information contained hereon is not a substitute for professional review or a site survey and is subject to change without notice. The Grand River Conservation Authority takes no responsibility for, nor guarantees, the accuracy of the information contained on this map. Any interpretations or conclusions drawn from this map are the sole responsibility of the user.

4.7 Schedule B: Norfolk County: Delhi-Courtland Water Supply (Lehman Dam Reservoir Intake)



Significant Drinking Water Threat Policy Applicability

Significant Drinking Water Threat Policy Categories	Vulnerability Scores on Map		
	10	9	8
1. Waste Disposal			
2. Sewage Systems			
3, 4. Agricultural Source Material			
6, 7. Non-Agricultural Source Material*			
8, 9. Commercial Fertilizer*			
10, 11. Pesticide			
12, 13. Road Salt*			
14. Storage of Snow			
15. Fuel			
16. DNAPLs			
17. Organic Solvents			
18. Aircraft De-icing			
21. Livestock Area			

**Note:** This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) within the Intake Protection Zones shown on this map. For details refer to the text of the Source Protection Plan and the Ministry of the Environment Drinking Water Threats Tables.  
 \*Application of Commercial Fertilizer, Non-Agricultural Source Material, and Road Salt may not be a significant drinking water threat in some areas due to the % managed land, livestock density, and/or % impervious surface calculations for these areas. See the text of the plan for further details.

● Intake  
 Roads  
~ Minor Rivers  
~ Lakes / Main Rivers

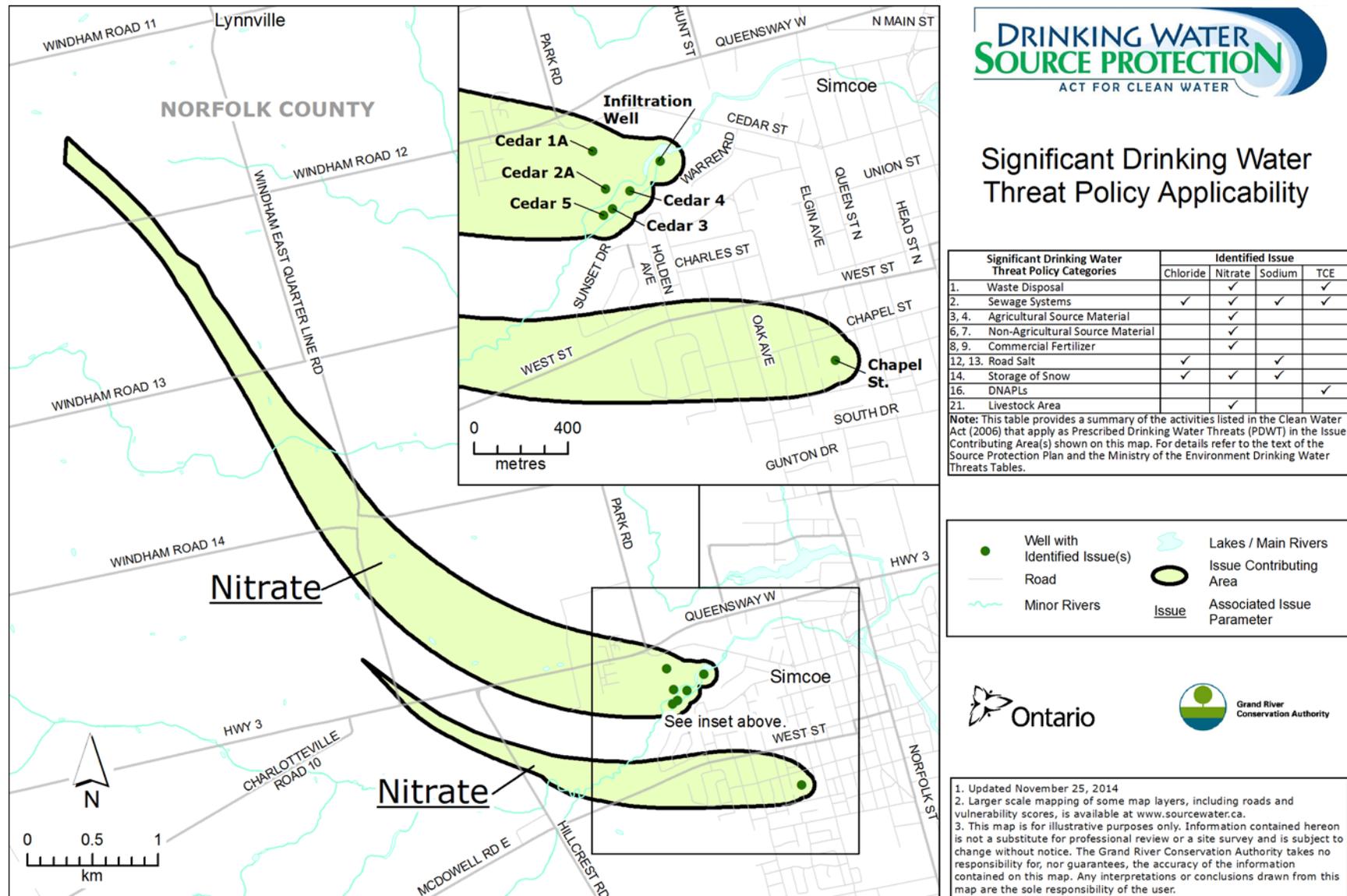
**Intake Protection Zones:**

- IPZ-1
- IPZ-2
- IPZ-3

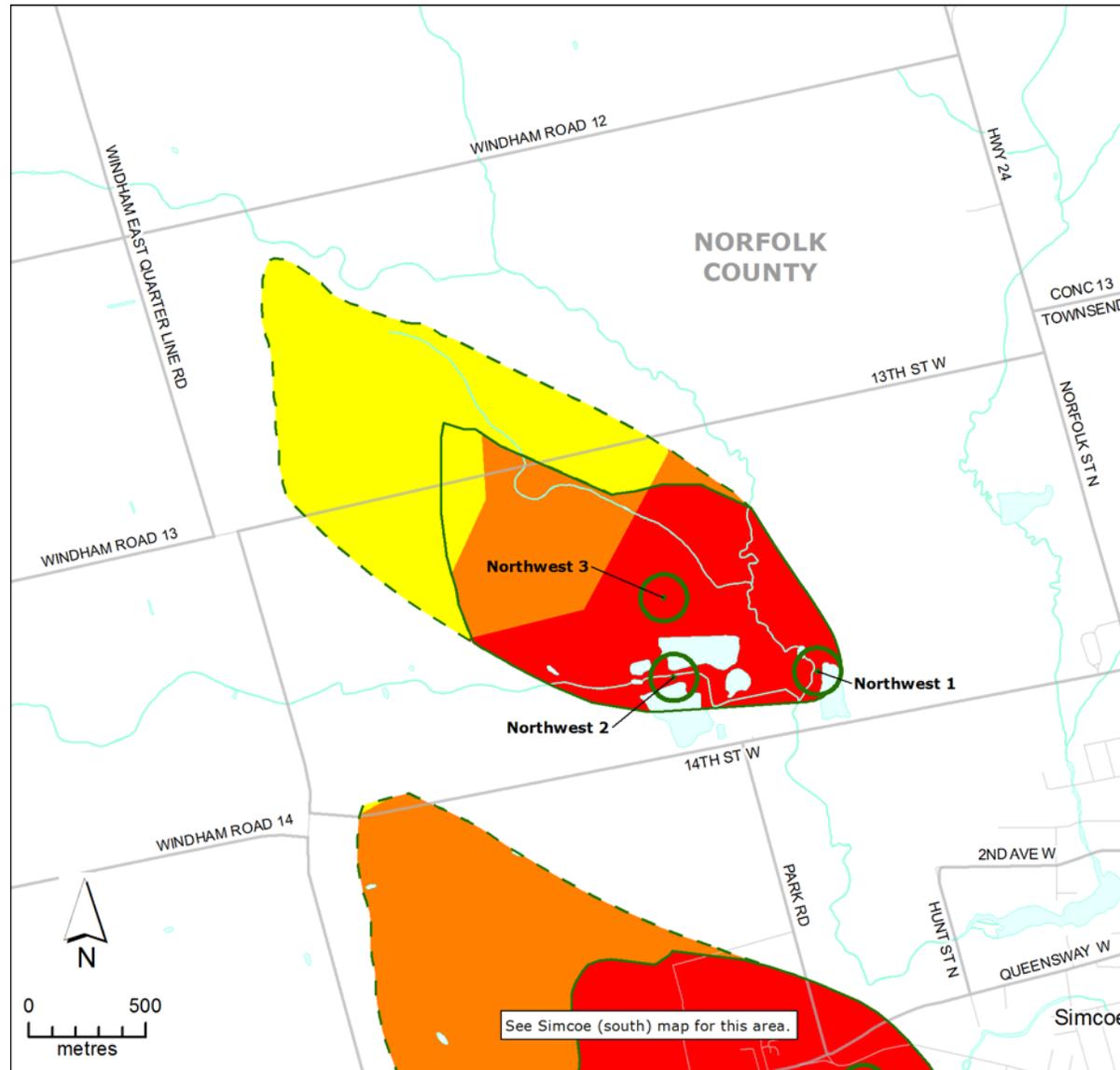


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4.8 Schedule C: Norfolk County: Simcoe Well Supply Issue Contributing Areas



4.9 Schedule D: Norfolk County: Simcoe Well Supply (Northwest Wellfield)



Significant Drinking Water Threat Policy Applicability

Significant Drinking Water Threat Policy Categories	Vulnerability Scores on Map		
	10	8	2,4,6
1. Waste Disposal	Red	Orange	Yellow
2. Sewage Systems	Red	Orange	Yellow
3, 4. Agricultural Source Material	Red	Orange	Yellow
6, 7. Non-Agricultural Source Material*	Red	Orange	Yellow
8, 9. Commercial Fertilizer*	Red	Orange	Yellow
10, 11. Pesticide	Red	Orange	Yellow
12, 13. Road Salt*	Red	Orange	Yellow
14. Storage of Snow	Red	Orange	Yellow
15. Fuel	Red	Orange	Yellow
16. DNAPLs	Red	Orange	Yellow
17. Organic Solvents	Red	Orange	Yellow
18. Aircraft De-icing	Red	Orange	Yellow
21. Livestock Area	Red	Orange	Yellow
Local Threat Oil Pipelines	Red	Orange	Yellow

**Note:** This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) within the Non-GUDI Wellhead Protection Zones (WHPA) shown on this map. For details refer to the text of the Source Protection Plan and the Ministry of the Environment Drinking Water Threats Tables.  
 \*Application of Commercial Fertilizer, Non-Agricultural Source Material, and Road Salt may not be a significant drinking water threat in some areas due to the % managed land, livestock density, and/or % impervious surface calculations for these areas. See the text of the plan for further details.

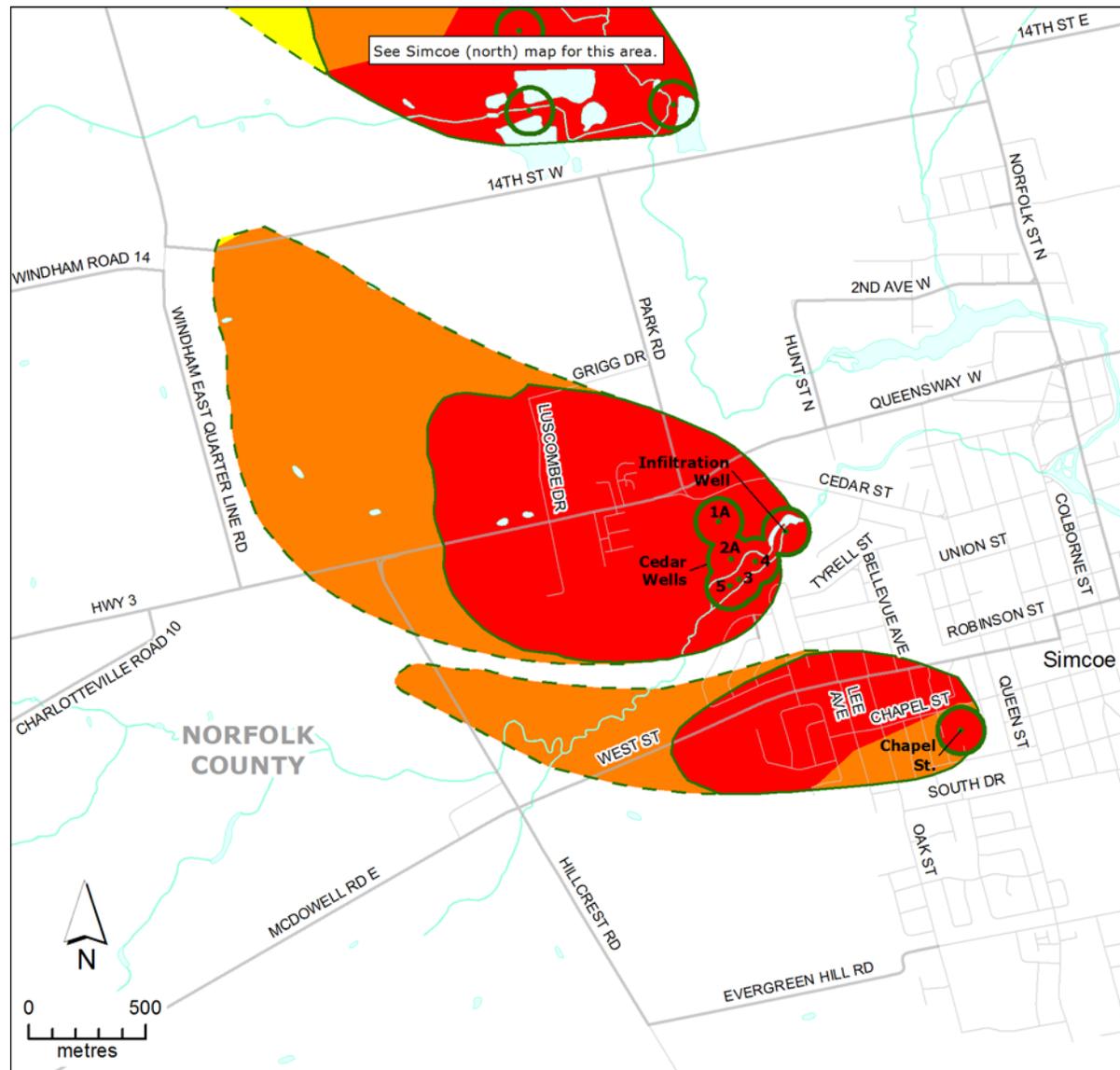
Well  
 Road  
 Minor River  
 Lake / Main River

**Wellhead Protection Zones:**  
 WHPA-A  
 WHPA-B  
 WHPA-C



1. Updated November 25, 2014  
 2. Larger scale mapping of some map layers, including roads and vulnerability scores, is available at [www.sourcewater.ca](http://www.sourcewater.ca).  
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4.10 Schedule E: Norfolk County: Simcoe Well Supply (Cedar St. & Chapel St. Wellfields)



Significant Drinking Water Threat Policy Applicability

Significant Drinking Water Threat Policy Categories	Vulnerability Scores on Map		
	10	8	2,4,6
1. Waste Disposal	10	8	2,4,6
2. Sewage Systems	10	8	
3, 4. Agricultural Source Material	10	8	
6, 7. Non-Agricultural Source Material*	10	8	
8, 9. Commercial Fertilizer*	10	8	
10, 11. Pesticide	10	8	
12, 13. Road Salt*	10	8	
14. Storage of Snow	10	8	
15. Fuel	10	8	
16. DNAPLs	10	8	2,4,6
17. Organic Solvents	10	8	
18. Aircraft De-icing	10	8	
21. Livestock Area	10	8	
Local Oil Pipelines	10	8	

**Note:** This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) within the Non-GUDI Wellhead Protection Zones shown on this map. For details refer to the text of the Source Protection Plan and the Ministry of the Environment Drinking Water Threats Tables.  
 \*Application of Commercial Fertilizer, Non-Agricultural Source Material, and Road Salt may not be a significant drinking water threat in some areas due to the % managed land, livestock density, and/or % impervious surface calculations for these areas. See the text of the plan for further details.

Well

Road

Minor River

Lake / Main River

**Wellhead Protection Zones:**

WHPA-A

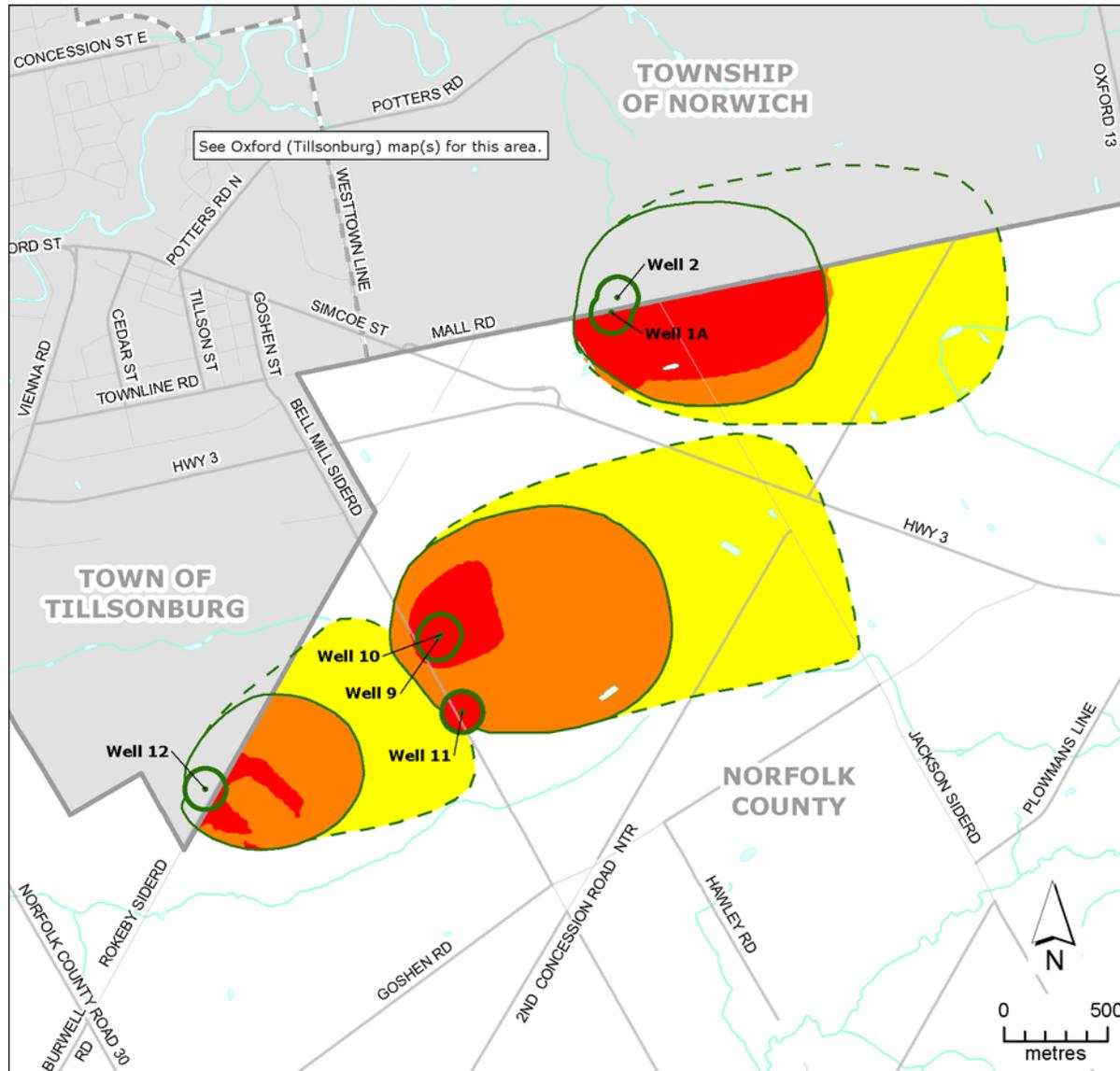
WHPA-B

WHPA-C



1. Updated November 25, 2014  
 2. Larger scale mapping of some map layers, including roads and vulnerability scores, is available at [www.sourcewater.ca](http://www.sourcewater.ca).  
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4.11 Schedule F: Norfolk County: Tillsonburg Water Supply: (Southeast Wellfields)



Significant Drinking Water Threat Policy Applicability

Significant Drinking Water Threat Policy Categories	Vulnerability Scores on Map		
	10	8	2,4,6
1. Waste Disposal	Red	Orange	Yellow
2. Sewage Systems	Red	Orange	Yellow
3, 4. Agricultural Source Material	Red	Orange	Yellow
6, 7. Non-Agricultural Source Material*	Red	Orange	Yellow
8, 9. Commercial Fertilizer*	Red	Orange	Yellow
10, 11. Pesticide	Red	Orange	Yellow
12, 13. Road Salt*	Red	Orange	Yellow
14. Storage of Snow	Red	Orange	Yellow
15. Fuel	Red	Orange	Yellow
16. DNAPLs	Red	Orange	Yellow
17. Organic Solvents	Red	Orange	Yellow
18. Aircraft De-icing	Red	Orange	Yellow
21. Livestock Area	Red	Orange	Yellow
Local Oil Pipelines Threat	Red	Orange	Yellow

**Note:** This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) within the Non-GUDI Wellhead Protection Zones shown on this map. For details refer to the text of the Source Protection Plan and the Ministry of the Environment Drinking Water Threats Tables.  
 \*Application of Commercial Fertilizer, Non-Agricultural Source Material, and Road Salt may not be a significant drinking water threat in some areas due to the % managed land, livestock density, and/or % impervious surface calculations for these areas. See the text of the plan for further details.

Well  
 Road  
 Municipal Boundary  
 Minor River  
 Lake / Main River  
 Norfolk County Boundary  
 Boundary

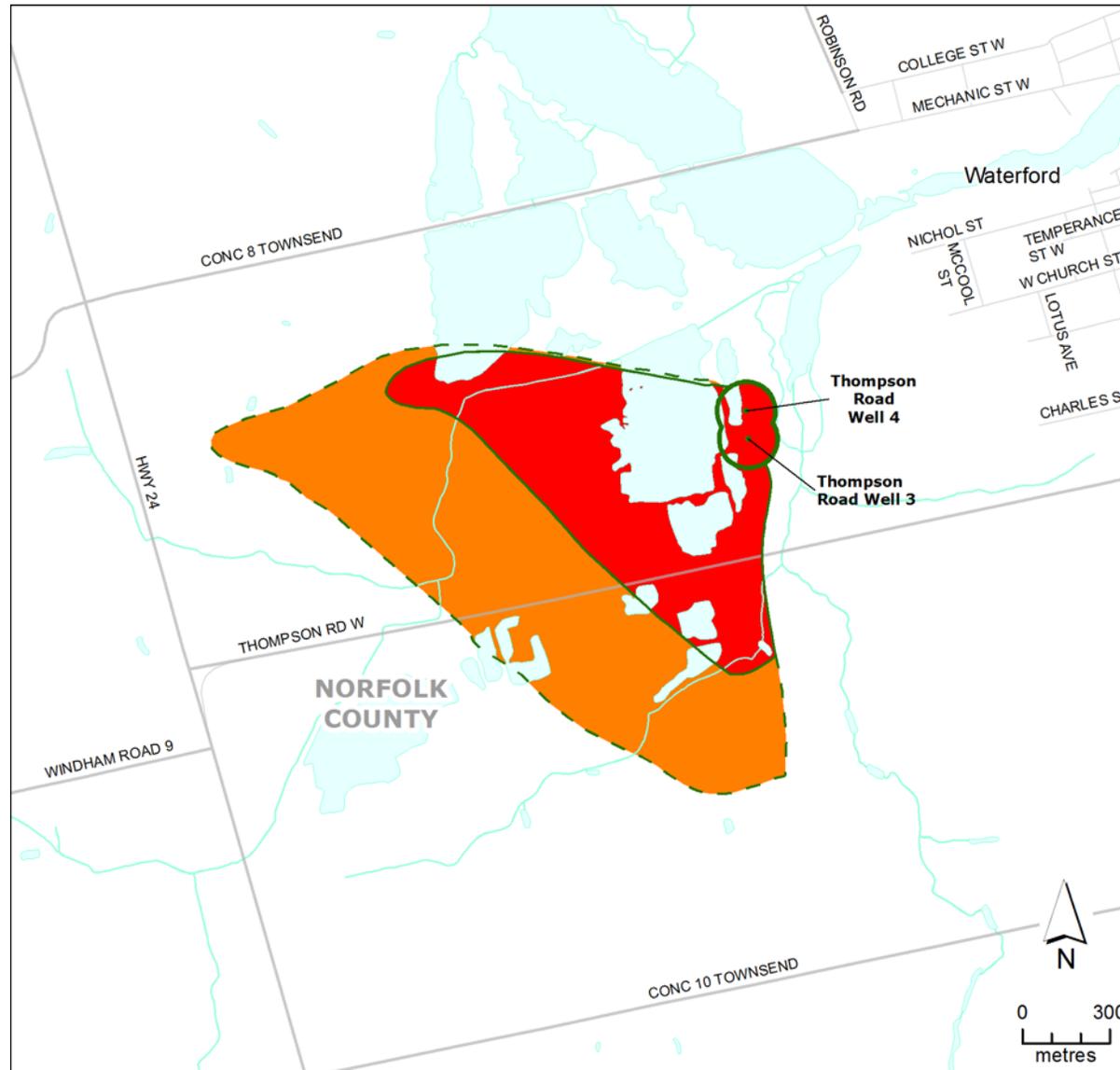
**Wellhead Protection Zones:**

WHPA-A  
 WHPA-B  
 WHPA-C



1. Updated November 26, 2014  
 2. Larger scale mapping of some map layers, including roads and vulnerability scores, is available at [www.sourcewater.ca](http://www.sourcewater.ca).  
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4.12 Schedule G: Norfolk County: Waterford Well Supply



Significant Drinking Water Threat Policy Applicability

Significant Drinking Water Threat Policy Categories	Vulnerability Scores on Map		
	10	8	2,4,6
1. Waste Disposal	■	■	■
2. Sewage Systems	■	■	
3, 4. Agricultural Source Material	■	■	
6, 7. Non-Agricultural Source Material*	■	■	
8, 9. Commercial Fertilizer*	■	■	
10, 11. Pesticide	■	■	
12, 13. Road Salt*	■	■	
14. Storage of Snow	■	■	
15. Fuel	■	■	
16. DNAPLs	■	■	■
17. Organic Solvents	■	■	■
18. Aircraft De-icing	■	■	
21. Livestock Area	■	■	
Local Threat	■	■	■
Oil Pipelines	■	■	■

**Note:** This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) within the Non-GUDI Wellhead Protection Zones (PDWT) shown on this map. For details refer to the text of the Source Protection Plan and the Ministry of the Environment Drinking Water Threats Tables.  
 \*Application of Commercial Fertilizer, Non-Agricultural Source Material, and Road Salt may not be a significant drinking water threat in some areas due to the % managed land, livestock density, and/or % impervious surface calculations for these areas. See the text of the plan for further details.

Well  
 Road  
 Minor River  
 Lake / Main River

**Wellhead Protection Zones:**  
 WHPA-A  
 WHPA-B  
 WHPA-C



1. Updated November 26, 2014  
 2. Larger scale mapping of some map layers, including roads and vulnerability scores, is available at [www.sourcewater.ca](http://www.sourcewater.ca).  
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## 5.0 HALDIMAND COUNTY

The following Haldimand County Source Protection Plan policies apply to the Nanticoke Industrial Pump Station Intake within the Long Point Region watershed as presented in Schedule A.

### 5.1 Definitions

General definitions are provided in Volume I of the Source Protection Plan or in the *Clean Water Act, 2006*. Defined terms are intended to capture both the singular and plural forms of these terms.

The following definitions shall apply to the Haldimand County Source Protection Policies.

**Existing-** means a use or activity at a location in a vulnerable area that is in compliance with all applicable regulations on the effective date of the Source Protection Plan.

**New or Future-** means a use or activity that is not existing, as defined in this section of the Source Protection Plan.

**County-** means the Corporation of the County of Haldimand.

### 5.2 Haldimand County Source Protection Plan Policies

Policy Number	Source Protection Plan Policies within Haldimand County
<b>Implementation Timing Policies</b>	
HC-CW-1.1  <i>Implementation &amp; Timing</i>	Except as set out below, the policies contained in this Source Protection Plan shall come into effect on the date as set by the Minister. <ol style="list-style-type: none"> <li>a. Where the Source Protection Policies require the County of Haldimand to develop and implement education and outreach programs as the primary tool for managing or eliminating a particular significant threat, and where they are deemed necessary and/or appropriate by the County of Haldimand and subject to available funding, such programs shall be developed and implemented within five (5) years from the date the Source Protection Plan takes effect;</li> <li>b. For Section 43 of the <i>Clean Water Act, 2006</i> if a significant drinking water threat activity was engaged in at a particular location before this Source Protection Plan tool effect, amendments to Prescribed Instruments shall be completed within three (3) years from the date the Source Protection Plan takes effect; and</li> <li>c. For Section 40 and 42 of the <i>Clean Water Act, 2006</i> the Official Plan and Zoning By-Laws must be amended to conform to the significant threat policies and adopted by municipal council by the next five (5) year Official Plan update as required under subsection 26(1) of the <i>Planning Act</i> or within five (5) years from the date the Source Protection Plan takes effect and the Zoning By-law within three (3) years from the adoption of the Official Plan conformity amendment.</li> <li>d.</li> </ol>
<b>Official Plan and Zoning By-law Amendment(s) Policies</b>	
HC-MC-1.2	The County of Haldimand shall amend their Official Plan and Zoning By-Laws to:

Policy Number	Source Protection Plan Policies within Haldimand County
<p><i>Future Land Use Planning</i></p>	<ul style="list-style-type: none"> <li>a. Identify the vulnerable areas in which drinking water threats prescribed under the <i>Clean Water Act</i>, 2006 would be significant;</li> <li>b. Indicate that within the areas identified, any land use or activity 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 policies in the Source Protection Plan;</li> <li>c. Incorporate any other amendments required to conform with the threat specific land use policies identified in this Source Protection Plan.</li> </ul>
<b>Education and Outreach Programs</b>	
<p>HC-CW-1.3</p> <p><i>Existing/Future Education &amp; Outreach</i>  <i>IPZ-1-v.10,</i>  <i>IPZ-2-v.9</i></p>	<p>To ensure the following activities cease to be or never become significant drinking water threats, where the activities are or would be a significant drinking water threat, the County of Haldimand will develop and implement education and outreach programs for the following activities:</p> <ul style="list-style-type: none"> <li>a. The existing and future establishment, operation or maintenance of a waste disposal site, within the meaning of Part V or the Environmental Protection Act that does not require an Environmental Compliance Approval. The program should focus on the proper handling, storage and disposal of wastes;</li> <li>b. The future storage of sewage and/or sewage treatment plant effluent discharges. The program should focus on improving the knowledge of operators, the general public and elected officials about the performance and operation of sewage treatment plants;</li> <li>c. The existing and future application of commercial fertilizer and pesticides to land. The program should encourage the use of best management practices;</li> <li>d. The existing handling and storage of commercial fertilizer and pesticides. The program should outline, at a minimum, the requirements of proper maintenance for commercial fertilizer and pesticide storage and the steps to be taken if there is a spill or leak detected;</li> <li>e. The existing handling and storage of dense non-aqueous phase liquids (DNAPL) and organic solvents. The program should outline, at a minimum, the requirements of proper maintenance for DNAPL and organic solvents storage and the steps to be taken if there is a spill or leak detected;</li> <li>f. The future use of land as livestock grazing or pasturing land, an outdoor confinement area or farm animal yard. The program should encourage landowners to use best management practices.</li> </ul>
<b>Annual Reporting</b>	
<p>HC-CW-1.4</p> <p><i>Monitoring</i></p>	<p>The County of Haldimand shall provide a report to the Source Protection Authority, by February 1<sup>st</sup> of each year, summarizing the actions taken to implement the Source Protection Plan Policies.</p> <p>Where the County is required to implement education and outreach programs as the primary means of managing the risk associated with significant drinking water threats, the County shall provide a report to the Source Protection Authority. This report must indicate, at a minimum, the properties where these programs were implemented and additional details on how the significant drinking water threat was managed and/or ceased to be significant.</p>

Policy Number	Source Protection Plan Policies within Haldimand County
HC-CW-1.5  <i>Monitoring</i>	Where the County of Haldimand is required to amend their Official Plan and/or Zoning By-law and provide proof of compliance to the Source Protection Authority, they shall do so within 30 days of final approval of the amendment(s).
HC-CW-1.6  <i>Monitoring</i>	Where the Source Protection Plan policies require a provincial ministry to amend a Prescribed Instrument, or issue a new Prescribed Instrument, the applicable Ministry shall provide a summary of the actions taken. The applicable ministry shall provide a written report summarizing this information to the Source Protection Authority by February 1 <sup>st</sup> of each year.
<b>Conditions</b>	
HC-MC-1.7  <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 <ol style="list-style-type: none"> <li>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;</li> <li>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</li> <li>c. Provide to the County of Haldimand a copy of the new or revised Prescribed Instrument.</li> </ol>
HC-NB-1.7.1  <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 Intake Protection Zones 1 and 2.
HC-MC-1.7.2  <i>Existing Land Use Planning Condition Sites Identified</i>	The County of Haldimand 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> .
HC-NB-1.7.3  <i>Existing Conditions Specify Action</i>	To address conditions resulting from past activities that are significant drinking water threats the Ministry of Environment and the County of Haldimand: <ol style="list-style-type: none"> <li>d. Shall meet at a minimum frequency of every six months for the purpose of mutually sharing information on Condition sites; and</li> <li>e. Should mutually share information related, as appropriate, to technical investigations or remediation, technical data, actions taken by Ministry of Environment or by the County of Haldimand, inspections, other relevant information; and</li> <li>f. 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.</li> </ol>

Policy Number	Source Protection Plan Policies within Haldimand County
<b>Strategic Action</b>	
Spill Prevention, Spill Contingency or Emergency Response Plans	
HC-NB-1.8  <i>Existing/Future Specify Action</i>	To reduce the risks to drinking water from spills that occur within an Intake Protection Zone along highways, railway lines and shipping lanes, the Ministry of the Environment is encouraged to incorporate mapping of Intake Protection Zones into their Emergency Response Plan and Spills Action Centre mapping, respectively. The mapping should be included in both the Emergency Response Plan and Spill Action Centre resource mapping within two (2) years of the Source Protection Plan taking effect.
HC-NB-1.9  <i>Existing/Future Specify Action</i>	To reduce the risks to drinking water from spills that occur within an Intake Protection Zone along highways, railway lines and shipping lanes, Haldimand County shall request all businesses and industries within an Intake Protection Zone with Spill Prevention / Contingency Plans ('Plan') incorporate the information regarding the location of the Intake Protection Zone into their Plans, including notifying the municipality when a spill occurs. If a Plan does not exist, businesses / industries will be encouraged to prepare one as above and to review it annually.
<b>Interpretation</b>	
HC-CW-1.10  <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> <p>g. 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>.</p> <p>h. 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 successor thereof. This provision is also applicable to any policy statement, regulation or guideline issued by the Province or the municipality.</p>

### 5.3 Policies Addressing Prescribed Drinking Water Threats

Policy Number	Policies Addressing Prescribed Drinking Water Threats within Haldimand County
<b>1. Establishment, Operation or Maintenance of a Waste Disposal Site, within the Meaning of Part V of the Environmental Protection Act</b>	
HC-MC-2.1  <i>Future Prescribed Instr. IPZ-1-v.10; IPZ-2-v.9</i>	To ensure that any future waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> that is subject to an Environmental Compliance Approval never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, the Ministry of the Environment shall prohibit this activity through the Environmental Compliance Approval process.
HC-MC-2.2  <i>Existing Prescribed Instr. IPZ-1-v.10;</i>	To ensure that any existing waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> that is subject to an Environmental Compliance Approval ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, the Ministry of the Environment shall ensure

Policy Number	Policies Addressing Prescribed Drinking Water Threats within Haldimand County
IPZ-2-v.9	Environmental Compliance Approvals include terms and conditions that, when implemented, will reduce the risk to drinking water sources.
<b>2. Establishment, Operation or Maintenance of a System That Collects, Stores, Transmits, Treats or Disposes of Sewage</b>	
Sewage System or Sewage Works- Septic System Sewage System or Sewage Works- Septic System Holding Tank	
HC-MC-3.1  <i>Existing/Future Prescribed Instr.</i> IPZ-1-v.10	To ensure that any existing or future septic systems regulated under Section 53 of the <i>Ontario Water Resources Act</i> ceases to be or never becomes a significant drinking water threat, where such an activity is or would be a significant drinking water threat, the Ministry of Environment shall ensure Environmental Compliance Approvals include terms and conditions that, when implemented, will reduce the risk to drinking water sources. Terms and conditions may include, but not be limited to, inspection and monitoring protocols and upgrading requirements as system standards change.
HC-NB-3.2  <i>Existing Incentive Program</i> IPZ-1-v.10	To ensure that any existing septic system, where such an activity is a significant drinking water threat, ceases to be a significant drinking water threat, the Ministry of the Environment shall consider providing on-going funding through the Ontario Drinking Water Stewardship Program or a similar program for septic system upgrades and replacements.
HC-MC-3.3  <i>Future Land Use Planning</i> IPZ-1-v.10	To ensure that future on-site septic systems never become a significant drinking water threat, where such an activity would be a significant drinking water threat, Haldimand County shall only approve on-site sewage systems if:  i. Future lot sizes are sufficient size to accommodate the required, on-site private servicing; and  ii. A system evaluation be prepared by a qualified individual has demonstrated, to the satisfaction of Haldimand County, the suitability of the lot size, location of the system and that the system will never become a significant drinking water threat.
HC-CW-3.4  <i>Existing Specify Action</i> IPZ-1-v.10	To ensure that any existing septic-system, including upgrades and replacements to such system, with a design flow of less than or equal to 10,000 Litres per day and subject to approval under the <i>Ontario Building Code Act</i> or the <i>Ontario Water Resources Act</i> and located within an Intake Protection Zone, where such an activity is a significant drinking water threat, ceases to be a significant drinking water threat, Haldimand County shall implement a septic system maintenance inspection program, as required under the <i>Ontario Building Code Act</i> . Inspections should be prioritized based on the proximity to the drinking water supply.
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)	
HC-MC-3.5  <i>Future Prescribed Instr.</i> IPZ-1-v.10; IPZ-2-v.9	To ensure that the future storage of sewage at a sewage treatment plant and/or sewage treatment plant effluent discharges never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, the Ministry of Environment shall ensure Environmental Compliance Approvals include terms and conditions that, when implemented, reduce the risk to drinking water sources. The terms and conditions may include, but not be limited to, strict criteria for effluent quality, appropriate sizing to reduce by-passes, and requirements for regular inspections and proactive maintenance of the works to prevent unplanned discharges.

Policy Number	Policies Addressing Prescribed Drinking Water Threats within Haldimand County
HC-CW-3.6  <i>Future Specify Action</i> IPZ-1-v.10; IPZ-2-v.9	To ensure that the storage of sewage and/or sewage treatment plant effluent discharges never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, Haldimand County shall continue to participate in available programs such as the Grand River Watershed Wastewater Optimization Program.
Sewage System or Sewage Works- Sanitary Sewers and Related Pipes	
HC-MC-3.7  <i>Future Prescribed Instr.</i> IPZ-1-v.10	To ensure that future sanitary sewers and related pipes never become a significant drinking water threat, where such an activity would be a significant drinking water threat, the Ministry of Environment shall ensure Environmental Compliance Approvals include terms and conditions that, when implemented, will reduce the risk to drinking water sources. Terms and conditions may include, but not be limited to, increased inspection and monitoring protocols, improved leak detection and documentation of maintenance and repairs.
Sewage System or Sewage Works- Discharge of Stormwater from a Stormwater Management Facility	
HC-MC-3.8  <i>Future Land Use Planning</i> IPZ-1-v.10; IPZ-2-v.9	To ensure that any future discharge of stormwater from a stormwater management facility never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, Haldimand County shall require all new developments with a discharge of stormwater from a stormwater management facility to include an integrated treatment approach for the stormwater and a requirement to explore alternatives to conventional stormwater management facilities.
HC-MC-3.9  <i>Existing/Future Prescribed Instr.</i> IPZ-1-v.10; IPZ-2-v.9	To ensure that any existing and future discharge of stormwater from a stormwater management facility never becomes or ceases to be a significant drinking water threats, the Ministry of Environment shall ensure Environmental Compliance Approvals include terms and conditions that, when implemented, will reduce the risk to drinking water sources. Terms and conditions may include, but not be limited to, current best management practices, requirements for regular maintenance, periodic removal of accumulated sediment, lining of the pond, ongoing monitoring (by the owner) of the contaminant discharges, and other requirements to address site conditions.
Sewage System or Sewage Works- Industrial Effluent Discharges	
HC-MC-3.10  <i>Existing/Future Prescribed Instr.</i> IPZ-1-v.10; IPZ-2-v.9	To ensure that existing and future industrial effluent discharges cease to be or never become significant drinking water threats, where such an activity is or would be a significant drinking water threat, the Ministry of Environment shall ensure Environmental Compliance Approvals include terms and conditions that, when implemented, will meet the objectives of the <i>Clean Water Act</i> . Terms and Conditions may include, but not be limited to, requirements for monitoring/reporting, education of operators and a high level of effluent treatment.
HC-NB-3.11  <i>Existing/Future Specify Action</i> IPZ-1-v.10; IPZ-2-v.9	To ensure that existing and future industrial effluent discharges cease to be or never become significant drinking water threats, where this activity is or would be a significant drinking water threat, the Ministry of Environment shall consider information in the approved Long Point Region Assessment Report and treat significant drinking water threat facilities as one of the program priorities when identifying facilities for inspection.
HC-NB-3.12	To ensure that existing industrial effluent discharges cease to be a significant drinking water threat, where this activity is a significant drinking water threat,

Policy Number	Policies Addressing Prescribed Drinking Water Threats within Haldimand County
<p><i>Existing Specify Action</i> IPZ-1-v.10; IPZ-2-v.9</p>	<p>Haldimand County will contact industrial operators to request that they provide their emergency contingency and/or protection plan and subsequent updates to Haldimand County on an annual basis and to encourage industrial operators to list significant drinking water threats within these plans to ensure the protection of drinking water sources.</p>
<p>Sewage System or Sewage Works- Sewage Treatment Plant By-pass Discharge to Surface Water</p>	
<p>HC-MC-3.13</p> <p><i>Future Prescribed Instr.</i> IPZ-1-v.10; IPZ-2-v.9</p>	<p>To ensure that any sewage treatment plant by-pass discharge to surface water never becomes a significant drinking water threat, where such activities would be significant drinking water threats, the Ministry of Environment shall ensure Environmental Compliance Approvals include terms and conditions that, when implemented, will reduce the risk to drinking water sources.</p>
<p><b>3. The Application of Agricultural Source Material to Land</b> <b>4. The Storage of Agricultural Source Material</b></p>	
<p>HC-MC-4.1</p> <p><i>Future Prescribed Instr.</i> IPZ-1-v.10; IPZ-2-v.9</p>	<p>To ensure that the future application and storage of agricultural source materials, where such activities would be significant drinking water threats, never become a significant drinking water threat, the Ontario Ministry of Agriculture, Food and Rural Affairs shall ensure Nutrient Management Strategies and Plans include terms and conditions that, when implemented, will reduce the risk to drinking water sources.</p>
<p><b>6. The Application of Non-Agricultural Source Material (NASM) to Land</b> <b>7. The Handling and Storage of Non-Agricultural Source Material (NASM)</b></p>	
<p>HC-MC-5.1</p> <p><i>Existing/Future Prescribed Instr.</i> IPZ-1-v.10; IPZ-2-v.9</p>	<p>To ensure that the application and storage/handling of non-agricultural source materials (NASM), where NASM is presently regulated under the <i>Nutrient Management Act</i> or the <i>Environmental Protection Act</i> cease to be or never become a significant drinking water threats, where such activities are or would be significant drinking water threats, the Ministry of the Environment or Ontario Ministry of Agriculture, Foods and Rural Affairs shall ensure NASM Plans include terms and conditions that, when implemented, will reduce the risk to drinking water sources.</p>
<p><b>9. The Handling and Storage of Commercial Fertilizer</b> <b>10. The Application of Pesticides to Land</b> <b>11. The Handling and Storage of Pesticides</b></p>	
<p>HC-NB-6.1</p> <p><i>Future Specify Action</i> IPZ-1-v.10; IPZ-2-v.9</p>	<p>To ensure that the future application of pesticides to land, where such an activity would be a significant drinking water threat, never becomes a significant drinking water threat, the Ministry of Environment shall consider developing source water protection training materials for permit applicants under the <i>Pesticides Act</i></p> <p>Further, the Ministry of Environment shall prioritize inspections of pesticide permit holders for lands within the Nanticoke Industrial Pumping Station Intake Protection Zones 1 and 2.</p>
<p>HC-MC-6.2</p> <p><i>Future Land Use Planning</i> IPZ-1-v.10; IPZ-2-v.9</p>	<p>To ensure that the future handling and storage of commercial fertilizer and pesticides, where such activities would be significant drinking water threats, never becomes a significant drinking water threat; related land uses shall be prohibited.</p>
<p><b>13. The Handling and Storage of Road Salt</b></p>	
<p>HC-CW-7.1</p> <p><i>Future</i></p>	<p>To ensure that the future handling and storage of road salt never becomes a significant drinking water threat, where such activities would be significant drinking water threats, Haldimand County shall amend its winter maintenance and salt</p>

Policy Number	Policies Addressing Prescribed Drinking Water Threats within Haldimand County
<p><i>Specify Action</i> IPZ-1-v.10; IPZ-2-v.9</p>	<p>management plans to identify the Intake Protection Zone areas associated with municipal drinking water systems, include source water protection policies and enhance best management practices in these areas.</p> <p>Haldimand County shall amend its winter maintenance and salt management plans in accordance with this policy within five (5) years of the Source Protection Plan approval.</p>
<p>HC-CW-7.2</p> <p><i>Future Specify Action</i> IPZ-1-v.10; IPZ-2-v.9</p>	<p>To ensure that the future handling and storage of road salt never becomes a significant drinking water threat, where such activities would be significant drinking water threats, Haldimand County will engage private de-icing contractors and request they amend their salt management plans to identify the Intake Protection Zones, and to enhance best management practices within these areas. Furthermore, private contractors will be encouraged to obtain “Smart About Salt™” accreditation.</p>
<p>HC-MC-7.3</p> <p><i>Future Land Use Planning</i> IPZ-1-v.10; IPZ-2-v.9</p>	<p>To ensure that the future handling and storage of road salt never becomes a significant drinking water threat, where such activities would be significant drinking water threats, future road salt storage facilities, where permitted by the Official Plan and zoning by-law, will only be permitted if the road salt is contained in covered roof storage facilities and a salt impact assessment and/or salt management plan has been completed to the satisfaction of Haldimand County.</p>
<p><b>14. The Storage of Snow</b></p>	
<p>HC-CW-8.1</p> <p><i>Future Specify Action</i> IPZ-1-v.10; IPZ-2-v.9</p>	<p>To ensure that the future storage of snow, where such an activity would be a significant drinking water threat, never becomes a significant drinking water threat, Haldimand County shall prepare and/or amend its municipal planning approvals/ current municipal plans such as its winter maintenance and salt management plans to identify Intake Protection Zone areas associated with municipal drinking water systems, and may include source water protection measures including best management practices to minimize the impact of winter snow storage.</p>
<p><b>15. The Handling and Storage of Fuel</b></p>	
<p>HC-MC-9.1</p> <p><i>Future Land Use Planning</i> IPZ-1-v.10</p>	<p>To ensure that the future handling and storage of fuel greater than 2500 Litres never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, related land uses shall be prohibited.</p>
<p><b>16. The Handling and Storage of a Dense Non-Aqueous Phase Liquid (DNAPL)</b></p>	
<p><b>17. The Handling and Storage of an Organic Solvent</b></p>	
<p>HC-MC-10.1</p> <p><i>Future Land Use Planning</i> IPZ-1-v.10</p>	<p>To ensure that the future handling and storage of dense non-aqueous phase liquids and organic solvents never becomes a significant drinking water threat; related land uses shall be prohibited.</p>
<p><b>18. The Management of Runoff that Contains Chemicals Used in De-icing of Aircraft</b></p>	
<p>HC-CW-11.1</p> <p><i>Future Specify Action</i> IPZ-1-v.10; IPZ-2-v.9</p> <p><i>Monitoring</i></p>	<p>To ensure that future runoff that contains chemicals used in the de-icing of aircrafts never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, Haldimand County shall encourage the Airport Authority as part of the airport approval process to use existing Federal regulations for the proper management of the runoff from de-icing of aircrafts.</p> <p>Further, Haldimand County shall document any environmental assessments that have been initiated for new airport facilities within vulnerable areas and provide them to the Source Protection Authority.</p>

**5.4 Appendix A: List of Policies as Per Section 34 of Regulation 287/07**

**LIST A**

Title: Significant threat policies that affect decisions under the *Planning Act* and *Condominium Act*, 1998

Opening Statement: “Clause 39 (1) (a), subsections 39 (2), (4) and (6), and sections 40 and 42 of the *Clean Water Act*, 2006 apply to the following policies:”

Content: HC-CW-1.1, HC-MC-1.2, HC-MC-1.7.2, HC-MC-3.3, HC-MC-3.8, HC-MC-6.2, HC-MC-7.3, HC-MC-9.1, HC-MC-10.1

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**LIST B**

Title: Moderate and low threat policies that affect decisions under the *Planning Act* and *Condominium Act*, 1998

Opening Statement: “Subsection 39 (1) (b) of the *Clean Water Act*, 2006 applies to the following policies:”

Content: No Applicable Policies

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**LIST C**

Title: Significant threat policies that affect prescribed instrument decisions

Opening Statement: “Subsection 39 (6), clause 39 (7) (a), section 43 and subsection 44 (1) of the *Clean Water Act*, 2006 apply to the following policies:”

Content: HC-CW-1.1, HC-MC-1.7, HC-MC-2.1, HC-MC-2.2, HC-MC-3.1, HC-MC-3.5, HC-MC-3.7, HC-MC-3.9, HC-MC-3.10, HC-MC-3.13, HC-MC-4.1, HC-MC-5.1

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**LIST D**

Title: Moderate and low threat policies that affect prescribed instrument decisions

Opening Statement: “Clause 39 (7) (b) of the *Clean Water Act*, 2006 applies to the following policies:”

Content: No Applicable Policies

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**LIST E**

Title: Significant threat policies that impose obligations on municipalities, source protection authorities and local boards

Opening Statement: “Section 38 and subsection 39 (6) of the *Clean Water Act*, 2006 applies to the following policies:”

Content: HC-CW-1.1, HC-CW-1.3, HC-CW-1.10, HC-CW-3.4, HC-CW-3.6, HC-CW-7.1, HC-CW-7.2, HC-CW-8.1, HC-CW-11.1

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**LIST F**

Title: Monitoring policies referred to in subsection 22 (2) of the *Clean Water Act*, 2006

Opening Statement: “Section 45 of the *Clean Water Act*, 2006 applies to the following policies:”

Content: HC-CW-1.4, HC-CW-1.5, HC-CW-1.6, HC-MC-1.7, HC-CW-11.1

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**LIST G**

Title: Policies related to section 57 of the *Clean Water Act*, 2006

Opening Statement: “The following policies relate to section 57 (prohibition) of the Clean Water Act.”

Content: No Applicable Policies

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**LIST H**

Title: Policies related to section 58 of the *Clean Water Act*, 2006

Opening Statement: “The following policies relate to section 58 (risk management plans) of the Clean Water Act.”

Content: No Applicable Policies

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**LIST I**

Title: Policies related to section 59 of the *Clean Water Act*, 2006

Opening Statement: “The following policies relate to section 59 (restricted land use) of the *Clean Water Act*.”

Content: No Applicable Policies

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**LIST J**

Title: Strategic Action policies

Opening Statement: For the purposes of section 33 of Ontario Regulation 287/07, the following policies are identified as strategic action policies:

Content: HC-NB-1.8, HC-NB-1.9

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**LIST K**

Title: Significant threat policies targeted to bodies other than municipalities, local board or source protection authorities for implementation

Opening Statement: The following policies are identified as non-legally binding policies:

Content: HC-NB-1.7, HC-NB-1.7.1, HC-MC-1.7.3, HC-NB-3.2, HC-NB-3.11, HC-NB-3.12, HC-NB-6.1

5.5 Appendix B: Prescribed Instruments And Policy Summary Tables

Table 1: Prescribed Instruments Which Apply To Source Protection Plan Policies In Lists C And D Above (S.34 (4) Of O.Reg. 287/07)

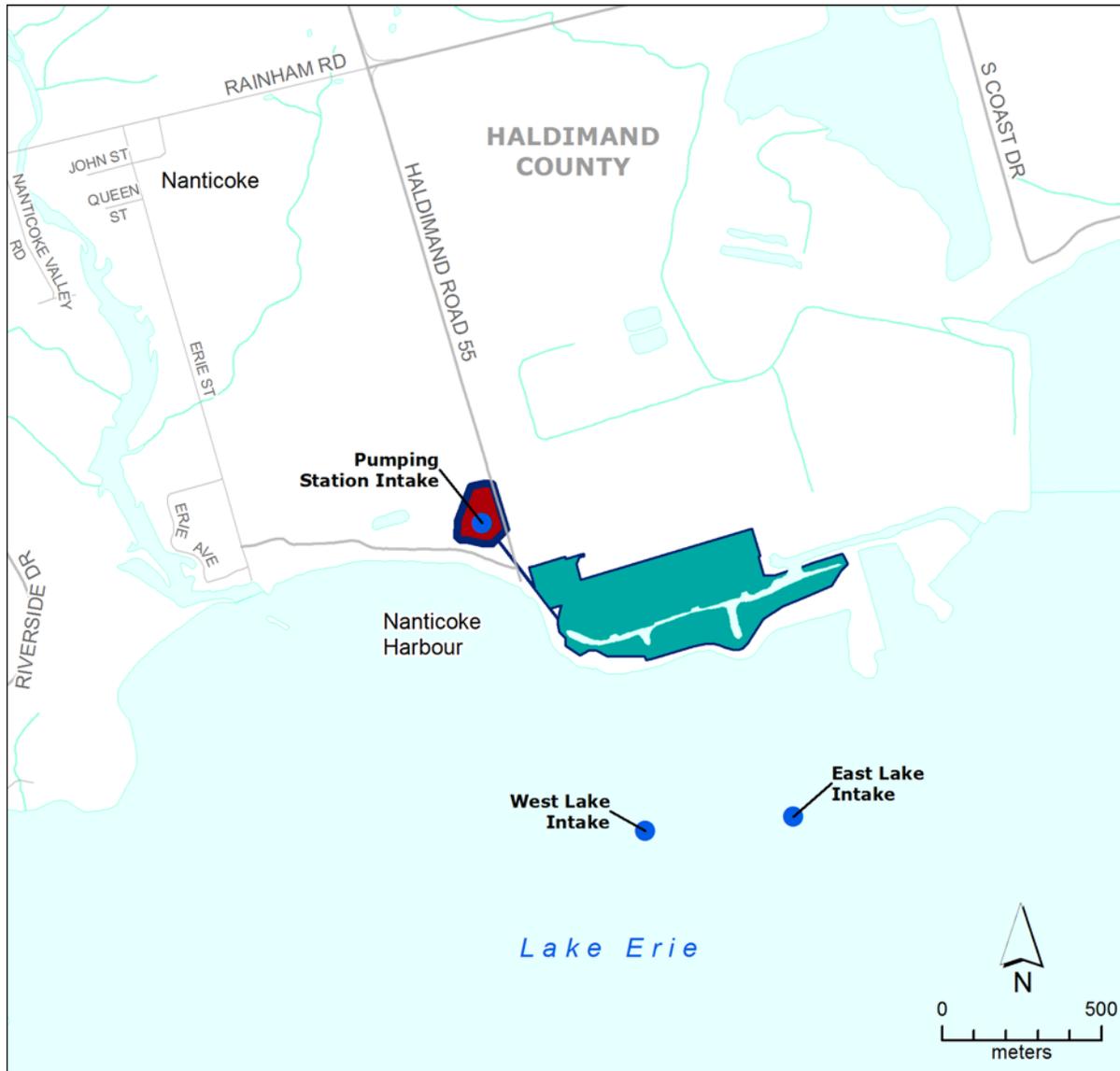
Policy #	Legal Effect (conform with, have regard to)	Environmental Protection Act	Nutrient Management Act	Ontario Water Resources Act	Pesticides Act
HC-CW-1.1	Comply With	x	x	x	
HC-MC-1.7	Must Conform	x			
HC-MC-2.1	Must Conform	x			
HC-MC-2.2	Must Conform	x			
HC-MC-3.1	Must Conform	x		x	
HC-MC-3.5	Must Conform	x		x	
HC-CW-3.7	Must Conform	x		x	
HC-MC-3.9	Must Conform	x		x	
HC-MC-3.10	Must Conform	x		x	
HC-MC-3.13	Must Conform	x		x	
HC-MC-4.1	Must Conform		x		
HC-MC-5.1	Must Conform	x	x		

Table 2: Policy Summary Matrix

Policy ID#	Legal Effect (conform with, non-binding)	Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)	Policy affects Prescribed Instrument decisions (Lists C and D)	Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)	Monitoring policies referred to in s.22(2) of the Clean Water Act (CWA) (List F)	Part IV Policies - Significant threat policies that are designated in the plan as requiring a risk management plan, are prohibited under s. 57, or to which s. 59 of the CWA applies (Lists G, H, and I)	Strategic Action Policies (List J)	Significant threat policies which designate a body other than a municipality, source protection authority or local board as responsible for implementing the policy (List K)
HC-CW-1.1	Comply with	x	x	x				
HC-MC-1.2	Must conform	x						
HC-MC-1.7.2	Must conform	x						
HC-MC-3.3	Must conform	x						
HC-MC-3.8	Must conform	x						
HC-MC-6.2	Must conform	x						
HC-MC-7.3	Must conform	x						
HC-MC-9.1	Must conform	x						
HC-MC-10.1	Must conform	x						
HC-MC-1.7	Must conform		x		x			
HC-MC-2.1	Must conform		x					
HC-MC-2.2	Must conform		x					
HC-MC-3.1	Must conform		x					
HC-MC-3.5	Must conform		x					
HC-MC-3.7	Must conform		x					

Policy ID#	Legal Effect (conform with, have regard to, non-binding)	Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)	Policy affects Prescribed Instrument decisions (Lists C and D)	Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)	Monitoring policies referred to in s.22(2) of the Clean Water Act (CWA) (List F)	Part IV Policies - Significant threat policies that are designated in the plan as requiring a risk management plan, are prohibited under s. 57, or to which s. 59 of the CWA applies (Lists G, H, and I)	Strategic Action Policies (List J)	Significant threat policies which designate a body other than a municipality, source protection authority or local board as responsible for implementing the policy (List K)
HC-MC-3.9	Must conform		x					
HC-MC-3.10	Must conform		x					
HC-MC-3.13	Must conform		x					
HC-MC-4.1	Must conform		x					
HC-MC-5.1	Must conform		x					
HC-CW-1.3	Comply with			x				
HC-CW-1.10	Comply with			x				
HC-CW-3.4	Comply with			x				
HC-CW-3.6	Comply with			x				
HC-CW-7.1	Comply with			x				
HC-CW-7.2	Comply with			x				
HC-CW-8.1	Comply with			x				
HC-CW-11.1	Comply with			x	x			
HC-CW-1.4	Comply with				x			
HC-CW-1.5	Comply with				x			
HC-CW-1.6	Comply with				x			
HC-NB-1.8	Non- binding						x	
HC-NB-1.9	Non- binding						x	
HC-NB-1.7.1	Non- binding							x
HC-NB-1.7.3	Non- binding							x
HC-NB-3.2	Non- binding							x
HC-NB-3.11	Non- binding							x
HC-NB-3.12	Non- binding							x
HC-NB-6.1	Non- binding							x

5.6 Schedule A: Haldimand County: Nanticoke Industrial Pump Station Intake



Significant Drinking Water Threat Policy Applicability

Significant Drinking Water Threat Policy Categories	Vulnerability Scores on Map		
	10	9	8
1. Waste Disposal			
2. Sewage Systems			
3, 4. Agricultural Source Material			
6, 7. Non-Agricultural Source Material*			
8, 9. Commercial Fertilizer*			
10, 11. Pesticide			
12, 13. Road Salt*			
14. Storage of Snow			
15. Fuel			
16. DNAPLs			
17. Organic Solvents			
18. Aircraft De-icing			
21. Livestock Area			

**Note:** This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) within the Intake Protection Zones shown on this map. For details refer to the text of the Source Protection Plan and the Ministry of the Environment Drinking Water Threats Tables.  
 \*Application of Commercial Fertilizer, Non-Agricultural Source Material, and Road Salt may not be a significant drinking water threat in some areas due to the % managed land, livestock density, and/or % impervious surface calculations for these areas. See the text of the plan for further details.

● Intake  
 Roads  
~ Minor Rivers  
 Lakes / Main Rivers

**Intake Protection Zones:**  
 IPZ-1  
 IPZ-2



1. Updated November 25, 2014  
 2. Larger scale mapping of some map layers, including roads and vulnerability scores, is available at [www.sourcewater.ca](http://www.sourcewater.ca).  
 3. This map is for illustrative purposes only. Information contained hereon is not a substitute for professional review or a site survey and is subject to change without notice. The Grand River Conservation Authority takes no responsibility for, nor guarantees, the accuracy of the information contained on this map. Any interpretations or conclusions drawn from this map are the sole responsibility of the user.

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## 6.0 ELGIN COUNTY- MUNICIPALITY OF BAYHAM

The following Elgin County – Municipality of Bayham Source Protection Plan policies apply to the Elgin County – Municipality of Bayham water supply system as presented in Schedule A within the Long Point Region watershed.

### 6.1 Definitions

General definitions are provided in Volume I of the Source Protection Plan or in the *Clean Water Act, 2006*. Defined terms are intended to capture both the singular and plural forms of these terms.

The following definitions shall apply to the Elgin County Source Protection Policies.

**Municipality**– means the Corporation of the Municipality of Bayham.

**Existing** – is an activity that has started or has been engaged in at a location in a vulnerable area before the Source Protection Plan takes effect.

**Future** - is considered to be an activity that takes place at a location in a vulnerable area after the Source Protection Plan takes effect, where that activity has never taken place before, or is not an existing activity.

### 6.2 Elgin County – Municipality of Bayham Source Protection Plan Policies

Policy Number	Source Protection Plan Policies within Elgin County - Municipality of Bayham
<b>Implementation Timing and Transitional Policies</b>	
EC-CW-1.1  <i>Implement. &amp; Timing</i>	Except as set out below, the policies contained in this Source Protection Plan shall come into effect on the date set by the Minister. <ol style="list-style-type: none"> <li>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 comes into full force and effect;</li> <li>b. For Section 58 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 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 the notice;</li> <li>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 comes into effect;</li> <li>d. Where the Source Protection Policies require the Municipality and/or the Conservation Authority to develop and implement education and outreach programs as the primary tool for managing or eliminating a particular significant threat, such programs shall be developed and implemented within five (5) years from the date the Source Protection Plan comes into full force and effect.</li> </ol>

Policy Number	Source Protection Plan Policies within Elgin County - Municipality of Bayham
	<p>e. For Section 43 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, amendments to Prescribed Instruments shall be completed within three (3) years from the date the Source Protection Plan comes into effect;</p> <p>f. For Section 40 and 42 of the <i>Clean Water Act, 2006</i> the Official Plan must be amended and adopted by Council 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 three (3) years from the adoption of the Official Plan conformity amendment.</p>
<p>EC-CW-1.2.  <i>Transition</i></p>	<p>Despite the definition of “existing”, for the purposes of this Plan, where one or more of the following:</p> <ul style="list-style-type: none"> <li>a. A complete application for development under the <i>Planning Act</i> or <i>Condominium Act</i>,</li> <li>b. An application for Environmental Compliance Approval; or</li> <li>c. An application for a Building Permit.</li> </ul> <p>has been received by the applicable implementing body prior to the final approval date of this Source Protection Plan, a related significant drinking water threat may be permitted subject to the policies pertaining to existing threats. Where the above noted applications have lapsed or been withdrawn, the above noted transition policies no longer apply.</p>
<b>Uses and Areas Designated as Restricted Land Use</b>	
<p>EC-CW-1.3  <i>Part IV- RLU</i></p>	<p>In accordance with Section 59 of the <i>Clean Water Act, 2006</i> all land uses, except solely residential uses, where significant drinking water threat activities have been designated for the purpose of Section 57 or Section 58 of the <i>Clean Water Act, 2006</i> are hereby designated as Restricted Land Uses and a written notice from the Risk Management Official shall be required prior to approval of any Building Permit, or <i>Planning Act</i> application.</p> <p>Despite the above policy, a site specific proposed land use that is the subject of an application for an approval under the <i>Planning Act</i> (as prescribed in O. Reg. 287/07 Section 62), or for a permit under the <i>Building Code Act</i>, is not designated for the purposes of Section 59 if the applicant can demonstrate to the satisfaction of the planning authority or the Chief Building Official, as the case may be, that a significant drinking water threat activity designated for the purposes of Section 57 or 58 will not be engaged in.</p>
<b>Official Plan and Zoning By-law Amendment(s) Policies</b>	
<p>EC-MC-1.4  <i>Future Land Use Planning</i></p>	<p>The Municipality of Bayham and Township of Malahide shall amend their Official Plans and the Zoning By-Laws to:</p> <ul style="list-style-type: none"> <li>a. Identify the vulnerable areas in which drinking water threats prescribed under the <i>Clean Water Act, 2006</i> would be significant;</li> <li>b. Indicate that within the areas identified, any use or activity 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 policies in the Source Protection Plan; and</li> <li>c. Incorporate any other amendments required to conform with the threat</li> </ul>

Policy Number	Source Protection Plan Policies within Elgin County - Municipality of Bayham
	specific land use policies identified in this Source Protection Plan.
<b>Education and Outreach Programs</b>	
EC-CW-1.5  <i>Existing/Future Education &amp; Outreach</i>	The Municipality, in collaboration with other bodies wherever possible, may develop and implement education and outreach programs directed at any, or all, significant drinking water threats, where such programs are deemed necessary and/or appropriate by the Municipality and subject to available funding. Such programs may include, but not necessarily be limited to, increasing awareness and understanding of drinking water threats and promotion of best management practices.
<b>Incentive Programs</b>	
EC-NB/CW-1.6  <i>Existing/Future Incentive</i>	The Conservation Authority, and/or Municipality, in collaboration with other implementing bodies and levels of government wherever possible, may develop and implement incentive programs directed at various significant threat activities where such programs are deemed necessary and/or appropriate by the Conservation Authority and/or Municipality, subject to available funding.
EC-NB-1.7  <i>Existing/Future Incentive</i>	The Ministry of Environment and other provincial ministries shall consider providing continued funding and support for incentive programs to protect existing and future drinking water sources and address significant drinking water threats, such as the Ontario Drinking Water Stewardship Program and the Rural Water Quality Program.
EC-NB-1.8  <i>Existing/Future Incentive</i>	To reduce the risks to drinking water from the following existing and future activities, where such activities are or would be significant drinking water threats, the Long Point Region Conservation Authority, in consultation with the Municipality, will deliver available cost share incentive programs, as long as the Long Point Region Conservation Authority has such programs and outreach staff available, and work with affected land owners to implement best management practices for the following activities: <ul style="list-style-type: none"> <li>i. The application of agricultural source material to land;</li> <li>ii. The storage of agricultural source material; and,</li> <li>iii. The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard</li> </ul>
<b>Annual Reporting</b>	
EC-CW-1.9  <i>Monitoring</i>	The Municipality of Bayham and Township of Malahide shall provide a report to the Source Protection Authority, by February 1 <sup>st</sup> of each year, summarizing the actions taken to implement the Source Protection Plan Policies, where specifically required by the policies. <p>Where the Municipality or Township is required to implement education and outreach programs as the primary means of managing the risk associated with significant drinking water threats, the Municipality or Township shall provide a report to the Source Protection Authority indicating, at a minimum, the properties where these programs were implemented and additional details on how the significant drinking water threat was managed and/or ceased to be significant.</p>
EC-CW-1.10  <i>Monitoring</i>	Where the Municipality of Bayham and Township of Malahide are required to amend their Official Plans and/or Zoning By-laws to bring their planning documents into conformity with the Source Protection Plan, the Municipality or Township shall provide proof of compliance to the Source Protection Authority and shall provide a copy of such compliance within 30 days of final approval of

Policy Number	Source Protection Plan Policies within Elgin County - Municipality of Bayham
	the amendment(s).
EC-CW-1.11  <i>Monitoring</i>	The Risk Management Official shall provide a report to the Source Protection Authority, by February 1 <sup>st</sup> of each year, summarizing the actions taken to implement the Source Protection Plan policies, in accordance with the <i>Clean Water Act, 2006</i> and associated regulations.
EC-CW-1.12  <i>Monitoring</i>	Where the Source Protection Plan policies may result in amendments to an existing Prescribed Instrument or the issuance of a new Prescribed Instrument, the applicable ministry shall provide a summary of any actions taken the previous year to implement the policies and provide a written report summarizing this information to the Source Protection Authority by February 1 <sup>st</sup> of each year.
EC-CW-1.13  <i>Monitoring</i>	Where the Source Protection Plan policies prohibit an activity that results in a denial of a Prescribed Instrument, the applicable ministry shall summarize the actions taken the previous year to implement the policies and provide a written report summarizing this information to the Source Protection Authority by February 1 <sup>st</sup> of each year.
EC-CW-1.14.  <i>Monitoring</i>	The municipality shall provide a report to the Source Protection Authority, by February 1 <sup>st</sup> , of each year, summarizing 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. The report shall include a conclusion on whether the nitrate concentrations are a described issue in accordance with the <i>Clean Water Act, 2006</i> and technical rules.
<b>Local Threat: The Conveyance of Oil by way of Underground Pipelines</b>	
EC-NB-1.15  <i>Future Specify Action WHPA-A-10</i>  <i>Monitoring</i>	To ensure that the conveyance of oil by way of underground pipeline within the meaning of Ontario Regulation 210/01 under the <i>Technical Safety and Standards Act</i> or is subject to the <i>National Energy Board Act</i> , never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, the pipeline proponent, the National Energy Board and the Ontario Energy Board are encouraged to provide the Source Protection Authority and the Municipality the location of any new proposed pipeline within the Municipality and/or Source Protection Area. The Source Protection Authority should document in the annual report the number of new pipelines proposed within vulnerable areas if a pipeline has been proposed and/or application has been received.
<b>Strategic Action</b>	
<b>Spill Prevention, Spill Contingency or Emergency Response Plans</b>	
EC-NB-1.16  <i>Existing/Future Specify Action</i>	To ensure that spill prevention plans, contingency plans, and 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, railway lines or shipping lanes, <ol style="list-style-type: none"> <li>a. The Municipality of Bayham and Township of Malahide are requested to incorporate the location of WHPAs into their emergency response plans in order to protect drinking water sources when a spill occurs along highways, rail lines or shipping lanes.</li> <li>b. The Ministry of the Environment is requested to provide mapping of the identified vulnerable areas to assist the Spills Action Centre in responding</li> </ol>

Policy Number	Source Protection Plan Policies within Elgin County - Municipality of Bayham
	to reported spills along transportation corridors.
<b>Transport Pathways</b>	
EC-NB-1.17  <i>Existing/Future Specify Action</i>	To achieve the intent of the <i>Clean Water Act, 2006</i> the Municipality is requested to support ongoing programs which encourage the decommissioning of abandoned wells as per O. Reg. 903 where such activities could be a significant drinking water threat.
<b>Interpretation</b>	
EC-CW-1.18  <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> <p>a. 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>.</p> <p>b. 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 successor thereof. This provision is also applicable to any policy statement, regulation or guideline issued by the Province or the Municipality.</p>

### 6.3 Policies Addressing Prescribed Drinking Water Threats

Policy Number	Source Protection Plan Policies within Elgin County - Municipality of Bayham
<b>1. Establishment, Operation or Maintenance of a Waste Disposal Site, within the Meaning of Part V of the <i>Environmental Protection Act</i></b>	
EC-MC-2.1  <i>Future Prescribed Instr. WHPA-A-v.10; WHPA-B-v.8</i>	To ensure that the future establishment, operation or maintenance of a waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> that is subject to an Environmental Compliance Approval never becomes a significant drinking water threat, where such activity would be a significant drinking water threat, the Ministry of the Environment shall prohibit this activity through the Environmental Compliance Approval process.
EC-MC-2.2  <i>Existing Prescribed Instr. WHPA-A-v.10; WHPA-B-v.8</i>	To ensure that any existing waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> that is subject to an Environmental Compliance Approval ceases to be a significant drinking water threat, where such activity is a significant drinking water threat, the Ministry of the Environment shall ensure Environmental Compliance Approvals include terms and conditions that, when implemented, will reduce the risk to drinking water sources
EC-CW-2.3  <i>Existing/Future Education&amp;Outreach WHPA-A-v.10; WHPA-B-v.8</i>	To ensure that any existing or future establishment, operation or maintenance of a waste disposal site, within the meaning of Part V or the <i>Environmental Protection Act</i> that does not require an Environmental Compliance Approval ceases to be or never becomes a significant drinking water threat, where such an activity is, or would be, a significant drinking water threat, the Municipality will develop and implement an education and outreach program. The program should focus on the

Policy Number	Source Protection Plan Policies within Elgin County - Municipality of Bayham
	proper handling, storage and disposal of wastes.
<b>2. Establishment, Operation or Maintenance of a System That Collects, Stores, Transmits, Treats or Disposes of Sewage</b>	
Sewage System or Sewage Works - Septic System and Septic System Holding Tanks	
EC-CW-3.1  <i>Existing/Future Specify Action WHPA-A- v.10</i>	To ensure that any existing or new septic system and/ or holding tank, with a design flow of less than or equal to 10,000 Litres per day and subject to approval under the <i>Ontario Building Code Act</i> or the <i>Ontario Water Resources Act</i> , ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the Municipality shall implement an on-site sewage system maintenance inspection program, as required under the <i>Ontario Building Code Act</i> . Inspections should be prioritized based on the proximity to the drinking water supply.
EC-MC-3.2  <i>Future Land Use Planning WHPA-A- v.10</i>	To ensure that any replacement or new septic system and/ or holding tank, with a design flow of less than or equal to 10,000 Litres per day and subject to approval under the <i>Ontario Building Code Act</i> or the <i>Ontario Water Resources Act</i> , never becomes a significant drinking water threat, the Municipality shall amend their Official Plan and Zoning By-law to direct land uses relying on these activities to a location on the same property where these activities would not be a significant drinking water threat.
EC-MC-3.3  <i>Existing Prescribed Instr. WHPA-A- v.10</i>	To ensure that an existing septic system and/ or holding tank, with a design flow of greater than 10,000 Litres per day and regulated under the <i>Ontario Water Resources Act</i> , ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, the Ministry of the Environment shall review and, if necessary, amend Environmental Compliance Approvals to incorporate terms and conditions that, when implemented, ensure that these sewage systems are managed to reduce the risk to drinking water sources.
EC-MC-3.4  <i>Future Land Use Planning WHPA-A- v.10</i>	To ensure that the establishment of a new septic system and/ or holding tank with a design flow of greater than 10,000 Litres per day and regulated under the <i>Ontario Water Resources Act</i> , never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, the Municipality shall amend their Official Plan and Zoning By-law to prohibit new development which relies on this type of on-site sewage system.
Sewage System or Sewage Works- Sanitary Sewers and Related Pipes	
EC-MC-3.5  <i>Existing/Future Prescribed Instr. WHPA-A- v.10</i>	To ensure that existing or new sanitary sewers and related pipes cease to be or never become a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the Ministry of the Environment shall ensure that Environmental Compliance Approvals include terms and conditions that, when implemented, will reduce the risks to the municipal drinking water sources. The terms and conditions may include requirements for regular maintenance and inspections conducted by the proponent.
Sewage System or Sewage Works- Storage of Sewage (e.g., treatment plant tanks)	
Sewage System or Sewage Works- Treatment Plant Effluent Discharges (includes lagoons)	
EC-MC-3.6  <i>Future Prescribed Instr. WHPA-A- v.10; WHPA-B- v.8</i>	To ensure that the future storage of sewage or treatment plant effluent discharges never become a significant drinking water threat, where these activities would be a significant drinking water threat, the Ministry of the Environment shall prohibit these activities within the Environmental Compliance Approval process.
EC-MC-3.7  <i>Existing Prescribed Instr.</i>	To ensure that the existing storage of sewage or treatment plant effluent discharges cease to be significant drinking water threats, where such activities are

Policy Number	Source Protection Plan Policies within Elgin County - Municipality of Bayham
<p>WHPA-A- v.10; WHPA-B- v.8</p>	<p>significant drinking water threats, the Ministry of the Environment shall review, and if necessary, amend Environmental Compliance Approvals to incorporate terms and conditions that, when implemented, will reduce the risks to the municipal drinking water sources.</p>
<p>Sewage System of Sewage Works- Discharge of Stormwater from a Stormwater Management Facility</p>	
<p>EC-MC-3.8</p> <p>Existing/Future Prescribed Instr. WHPA-A-v.10</p>	<p>To ensure that any existing or new stormwater management facility that discharges stormwater never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, the Ministry of the Environment shall review and, if necessary, amend Environmental Compliance Approvals to incorporate terms and conditions (for example: regular maintenance) that, when implemented, will reduce the risks to the municipal drinking water sources.</p>
<p><b>3. The Application of Agricultural Source Material to Land</b></p>	
<p>EC-CW-4.1</p> <p>Existing/Future Part IV-Prohibit WHPA-A-v.10</p>	<p>To ensure that the existing or future application of agricultural source material to land within a WHPA-A ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.</p>
<p><b>4. The Storage of Agricultural Source Material</b></p>	
<p>EC-CW-5.1</p> <p>Future Part IV-Prohibit WHPA-A-v.10</p>	<p>To ensure that the future storage of agricultural source material never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.</p>
<p>EC-CW-5.2</p> <p>Existing Part IV - RMP WHPA-A-v.10</p>	<p>To ensure that the existing storage of agricultural source material ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.</p>
<p>EC-CW-5.3</p> <p>Existing/Future Education&amp;Outreach WHPA-A-v.10</p>	<p>To ensure that the existing or future storage of agricultural source material ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the Municipality shall develop and implement an education and outreach program targeted to individuals storing agricultural source material within vulnerable areas.</p>
<p><b>6. The Application of Non-Agricultural Source Material (NASM)</b></p>	
<p><b>7. The Handling and Storage of Non-Agricultural Source Material (NASM)</b></p>	
<p>EC-MC-6.1</p> <p>Existing/Future Prescribed Instr. WHPA-A-v.10</p>	<p>To ensure that the existing or future application of non-agricultural source material to land ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs or the Ministry of the Environment, as applicable, shall revoke, or not approve, any Non-Agricultural Source Material (NASM) Plan, in accordance with the <i>Nutrient Management Act</i>, or any activity within the Environmental Compliance Approval process in accordance with the <i>Environmental Protection Act</i> that permits, or would permit, the application of non-agricultural source material within these vulnerable areas.</p>
<p>EC-CW-6.2</p> <p>Existing/Future Education&amp;Outreach WHPA-A-v.10</p>	<p>To ensure that the existing or future application or storage of non-agricultural source material on land ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the Municipality shall develop and implement an education and outreach program</p>

Policy Number	Source Protection Plan Policies within Elgin County - Municipality of Bayham
	targeted to individuals storing and applying non-agricultural source material to land within vulnerable areas to ensure that those individuals engaged in the activity are educated in methods to reduce the risk to drinking water sources.
EC-MC-6.3  <i>Existing Prescribed Instr. WHPA-A-v.10</i>	To ensure that the existing handling and storage of non-agricultural source material ceases to be a significant drinking water threat where this activity is, or would be, a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs, or Ministry of the Environment, as applicable, shall review and, if necessary, amend a Non-Agricultural Source Material (NASM) Plan, in accordance with the <i>Nutrient Management Act</i> , or an Environmental Compliance Approval, in accordance with the <i>Environmental Protection Act</i> , to ensure that such NASM Plans/Environmental Compliance Approvals incorporate any measures and/or terms and conditions deemed necessary to reduce the risk to municipal drinking water sources.
EC-CW-6.4  <i>Future Part IV-Prohibit WHPA-A-v.10</i>	To ensure that any new handling and storage of non-agricultural source material on lands never becomes a significant drinking water threat, where this activity is a significant drinking water threat, this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.
<b>8. The Application of Commercial Fertilizer to Land</b>	
EC-CW-7.1  <i>Existing/Future Part IV-RMP WHPA-A-v.10</i>	To ensure that the existing or future application of commercial fertilizer to land ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
EC-CW-7.2  <i>Existing/Future Education&amp;Outreach WHPA-A-v.10</i>	To ensure that the existing or future application of commercial fertilizer to land ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the Municipality shall develop and implement an education and outreach program targeted to individuals applying commercial fertilizer to land within vulnerable areas to ensure that those individuals engaged in the activity are educated in methods to reduce the risk to drinking water sources.
<b>9. The Handling and Storage of Commercial Fertilizer</b>	
EC-CW-8.1  <i>Existing Part IV-RMP WHPA-A-v.10</i>	To ensure that any existing handling and storage of more than 2,500 Kilograms of commercial fertilizer as defined in O.Reg. 267/03, under the <i>Nutrient Management Act</i> ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
EC-CW-8.2  <i>Future Part IV-Prohibit WHPA-A-v.10</i>	To ensure that the future handling and storage of more than 2,500 Kilograms of commercial fertilizer as defined in O.Reg. 267/03 under the <i>Nutrient Management Act</i> never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.
<b>10. The Application of Pesticide to Land</b>	
EC-CW-9.1  <i>Existing/Future Part IV-RMP WHPA-A-v.10</i>	To ensure that the existing or future application of pesticides ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan

Policy Number	Source Protection Plan Policies within Elgin County - Municipality of Bayham
	shall be required.
EC-CW-9.2  <i>Existing/Future Education&amp;Outreach WHPA-A-v.10</i>	To ensure that the existing or future application of pesticides ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the Municipality shall develop and implement an education and outreach program targeted to individuals applying pesticides to land within vulnerable areas to ensure that those individuals engaged in the activity are educated in methods to reduce the risk to drinking water sources.
<b>11. The Handling and Storage of Pesticides</b>	
EC-CW-10.1  <i>Existing Part IV – RMP WHPA-A-v.10</i>	To ensure that any existing handling and storage of pesticides ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
EC-CW-10.2  <i>Future Part IV – Prohibit WHPA-A-v.10</i>	To ensure that the future handling and storage of pesticides never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.
<b>13. The Handling and Storage of Road Salt</b>	
EC-MC-11.1  <i>Future Land Use Planning WHPA-A-v.10</i>	To ensure that the future handling and storage of road salt never becomes a significant drinking water threat, where such activities would be significant drinking water threats, future road salt storage facilities, where permitted by the Official Plan and zoning by-law, will only be permitted if the road salt is contained in covered roof storage facilities and a salt impact assessment and/or salt management plan has been completed to the satisfaction of the Municipality.
<b>14. The Storage of Snow</b>	
EC-CW-12.1  <i>Future Part IV – Prohibit WHPA-A-v.10</i>	To ensure that the future storage of snow never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.
<b>15. The Handling and Storage of Fuel</b>	
EC-CW-13.1  <i>Future Part IV - Prohibit WHPA-A-v.10</i>	To ensure that the future handling and storage of fuel never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.
<b>16. The Handling and Storage of a Dense Non-Aqueous Phase Liquid (DNAPL)</b>	
EC-CW-14.1  <i>Future Part IV – Prohibit WHPA-A-v.10</i>	To ensure that any new handling and facility storage of dense non-aqueous phase liquid for industrial, commercial, institutional and agricultural purposes within WHPA-A never becomes a significant drinking water threat, this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.
EC-CW-14.2  <i>Future Part IV – RMP WHPA-B-v.8 WHPA-C-v.6</i>	To ensure that any new handling and storage of dense non-aqueous phase liquid for industrial, commercial, institutional and agricultural purposes within WHPA-B or C never becomes a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.

Policy Number	Source Protection Plan Policies within Elgin County - Municipality of Bayham
EC-CW-14.3  <i>Existing/Future Education&amp;Outreach WHPA-A/B/C</i>	To ensure that any existing or new handling and storage of a dense non-aqueous phase liquid ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the Municipality, in consultation with the Township of Malahide, shall implement an education and outreach program to encourage the use of alternative products where available and the proper disposal of these liquids.
<b>17. The Handling and Storage of an Organic Solvent</b>	
EC-CW-15.1  <i>Existing Education&amp;Outreach WHPA-A-v.10</i>	To ensure that any existing handling and storage of an organic solvent ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, the Municipality shall implement an education and outreach program to encourage the use of alternative products where available and the proper disposal of these liquids.
EC-CW-15.2  <i>Future Part IV – Prohibit WHPA-A-v.10</i>	To ensure that any new handling and storage of organic solvents never becomes a significant drinking water threat, where this activity would be a significant drinking water threat; this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.
<b>18. The Management of Runoff that Contains Chemicals Used in De-icing of Aircraft</b>	
EC-CW-16.1  <i>Future Specify Action WHPA-A-v.v.10</i>	To ensure that future runoff that contains chemicals used in the de-icing of aircrafts never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, the Municipality shall encourage the Airport Authority as part of the airport approval process to use existing Federal regulations for the proper management of the runoff from de-icing of aircrafts.
<b>21. The Use of Land as Livestock Grazing or Pasturing Land, an Outdoor Confinement Area or Farm Animal Yard</b>	
EC-CW-17.1  <i>Existing/Future Part IV-RMP WHPA-A-v.10</i>	To ensure that the existing or future use of land for livestock grazing or pasturing ceases to be or never becomes a significant drinking water threat, where these activities are, or would be, a significant drinking water threat, these activities shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
EC-CW-17.2  <i>Future Part IV-Prohibit WHPA-A-v.10</i>	To ensure that any new farm animal yard or outdoor confinement area never becomes a significant drinking water threat, where these activities would be a significant drinking water threat, these activities shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.
EC-CW-17.3  <i>Existing Part IV-RMP WHPA-A-v.10</i>	To ensure that an existing farm animal yard or an outdoor confinement area as defined in O. Reg. 267/03 under the <i>Nutrient Management Act</i> for a livestock operation not phased-in under the <i>Nutrient Management Act</i> ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, these activities shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.  The requirements of the Risk Management Plan will generally be based on the requirements of a Nutrient Management Plan and/or Strategy under the <i>Nutrient Management Act</i> , but may also include any modifications or additional requirements deemed necessary or appropriate by the Risk Management Official.
EC-MC-17.4.  <i>Existing</i>	To ensure an existing farm animal yard or an outdoor confinement area as defined in O. Reg. 267/03, for livestock operations with an existing Nutrient Management Plan or Strategy in accordance with the <i>Nutrient Management Act</i> , cease to be a

Policy Number	Source Protection Plan Policies within Elgin County - Municipality of Bayham
<p><i>Prescribed Instr. WHPA-A-v.10</i></p>	<p>significant drinking water threat, where these activities are a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs shall review and, if necessary, amend the required Nutrient Management Plan/Strategy to ensure that such Plan/Strategy incorporates measures and/or terms and conditions that, when implemented, reduce the risk to drinking water sources.</p>
<p>EC-CW-17.5</p> <p><i>Existing/Future Education&amp;Outreach WHPA-A-v.10</i></p>	<p>To ensure that the existing or future use of land for livestock grazing, pasturing, farm animal yard or an outdoor confinement area ceases to be or never becomes a significant drinking water threat, where these activities are, or would be, a significant drinking water threat, the Municipality shall develop and implement an education and outreach program targeted to farms with livestock grazing, pasturing, farm animal yards or outdoor confinement areas within vulnerable areas to ensure that those individuals engaged in the activity are educated in methods to reduce the risk to drinking water sources.</p>

## 6.4 Appendix A: List of Policies as Per Section 34 of Regulation 287/07

### LIST A

Title: Significant threat policies that affect decisions under the *Planning Act* and *Condominium Act*, 1998

Opening Statement: “Clause 39 (1)(a), subsections 39 (2), (4) and (6), and sections 40 and 42 of the *Clean Water Act*, 2006 apply to the following policies:”

Content: EC-CW-1.1, EC-CW-1.2, EC-CW-1.3, EC-MC-1.4, EC-MC-3.2, EC-MC-3.4, EC-MC-11.1.

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### LIST B

Title: Moderate and low threat policies that affect decisions under the *Planning Act* and *Condominium Act*, 1998

Opening Statement: “Subsection 39 (1) (b) of the *Clean Water Act*, 2006 applies to the following policies:”

Content: No Applicable Policies

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### LIST C

Title: Significant threat policies that affect Prescribed Instrument decisions

Opening Statement: “Subsection 39 (6), clause 39 (7) (a), section 43 and subsection 44 (1) of the *Clean Water Act*, 2006 apply to the following policies:”

Content: EC-CW-1.1, EC-CW-1.2, EC-MC-2.1, EC-MC-2.2, EC-MC-3.3, EC-MC-3.5, EC-MC-3.6, EC-MC-3.7, EC-MC-3.8, EC-MC-6.1, EC-MC-6.3, EC-MC-17.4.

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### LIST D

Title: Moderate and low threat policies that affect Prescribed Instrument decisions

Opening Statement: “Clause 39 (7) (b) of the *Clean Water Act*, 2006 applies to the following policies:”

Content: No Applicable Policies

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### LIST E

Title: Significant threat policies that impose obligations on municipalities, source protection authorities and local boards

Opening Statement: “Section 38 and subsection 39 (6) of the *Clean Water Act*, 2006 applies to the following policies:”

Content: EC-CW-1.1, EC-CW-1.2, EC-MC-1.4, EC-CW-1.5, EC-NB/CW-1.6, EC-CW-1.9, EC-CW-1.10, EC-CW-1.18, EC-CW-2.3, EC-CW-3.1, EC-CW-5.3, EC-CW-6.2, EC-CW-7.2, EC-CW-9.2, EC-CW-14.3, EC-CW-15.1, EC-CW-16.1, EC-CW-17.5.

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**LIST F**

Title: Monitoring policies referred to in subsection 22 (2) of the *Clean Water Act*, 2006

Opening Statement: “Section 45 of the Clean Water Act, 2006 applies to the following policies:”

Content: EC-CW-1.9, EC-CW-1.10, EC-CW-1.11, EC-CW-1.12, EC-CW-1.13, EC-CW-1.14, EC-NB-1.15.

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**LIST G**

Title: Policies related to section 57 of the *Clean Water Act*, 2006

Opening Statement: “The following policies relate to section 57 (prohibition) of the Clean Water Act.”

Content: EC-CW-1.1, EC-CW-1.2, EC-CW-4.1, EC-CW-5.1, EC-CW-6.4, EC-CW-8.2, EC-CW-10.2, EC-CW-12.1, EC-CW-13.1, EC-CW-14.1, EC-CW-15.2, EC-CW-17.2.

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**LIST H**

Title: Policies related to section 58 of the *Clean Water Act*, 2006

Opening Statement: “The following policies relate to section 58 (Risk Management Plans) of the Clean Water Act.”

Content: EC-CW-1.1, EC-CW-5.2, EC-CW-7.1, EC-CW-8.1, EC-CW-9.1, EC-CW-10.1, EC-CW-14.2, EC-CW-17.1, EC-CW-17.3.

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**LIST I**

Title: Policies related to section 59 of the *Clean Water Act*, 2006

Opening Statement: “The following policies relate to section 59 (restricted land use) of the *Clean Water Act*.”

Content: EC-CW-1.1, EC-CW-1.3.

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**LIST J**

Title: Strategic Action policies

Opening Statement: For the purposes of section 33 of Ontario Regulation 287/07, the following policies are identified as strategic action policies:

Content: EC-NB-1.16, EC-NB-1.17.

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**LIST K**

Title: Significant threat policies targeted to bodies other than municipalities, local board or source protection authorities for implementation

Opening Statement: The following policies are identified as non-legally binding policies.

Content: EC-NB/CW-1.6, EC-NB-1.7, EC-NB-1.8, EC-NB-1.15

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6.5 Appendix B: Prescribed Instruments and Policy Summary Tables

Table 1: Prescribed Instruments Which Apply To Source Protection Plan Policies In Lists C And D Above (S.34(4) Of O.Reg. 287/07)

Policy #	Legal Effect (conform with, have regard to)	Environmental Protection Act	Nutrient Management Act	Ontario Water Resources Act
EC-CW-1.1	Comply With	X	X	X
EC-CW-1.2	Comply With	X		X
EC-MC-2.1	Must Conform	X		X
EC-MC-2.2	Must Conform	X		X
EC-MC-3.3	Must Conform	X		X
EC-MC-3.5	Must Conform	X		X
EC-MC-3.6	Must Conform	X		X
EC-MC-3.7	Must Conform	X		X
EC-MC-3.8	Must Conform	X		X
EC-MC-6.1	Must Conform	X	X	
EC-MC-6.3	Must Conform	X	X	
EC-MC-17.4	Must Conform		X	

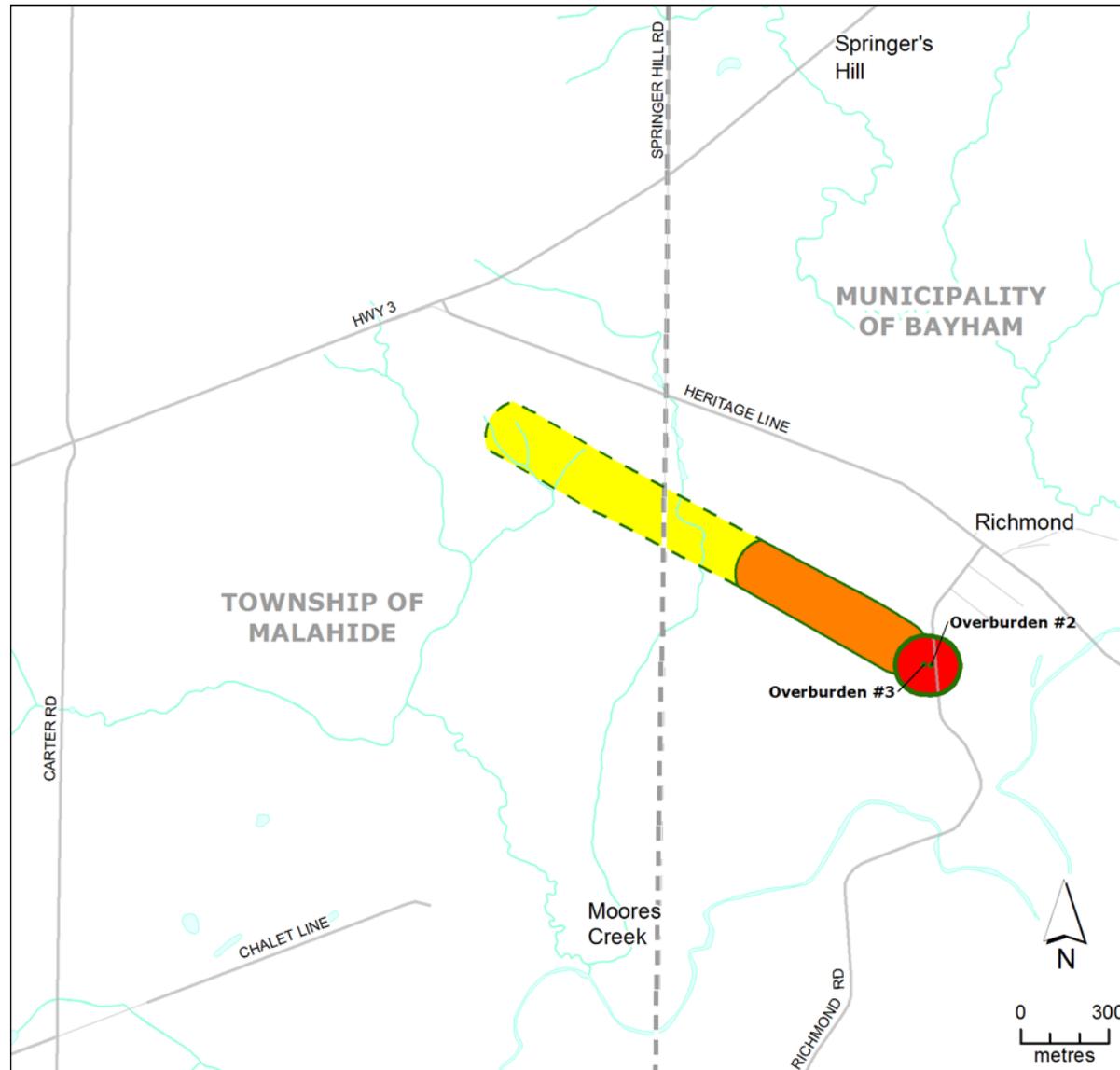
Table 2: Policy Summary Matrix

Policy ID#	Legal Effect (conform with, have regard to, non-binding)	Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)	Policy affects Prescribed Instrument decisions (Lists C and D)	Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)	Monitoring policies referred to in s.22(2) of the Clean Water Act (CWA) (List F)	Part IV Policies - Significant threat policies that are designated in the plan as requiring a Risk Management Plan, are prohibited under s. 57, or to which s. 59 of the CWA applies (Lists G, H, and I)	Strategic Action Policies (List J)	Significant threat policies which designate a body other than a municipality, source protection authority or local board as responsible for implementing the policy (List K)
EC-CW-1.1	Comply With	X	X	X		X		
EC-CW-1.2	Comply With	X	X	X		X		
EC-CW-1.3	Comply With	X				X		
EC-MC-1.4	Must Conform	X		X				
EC-MC-3.2	Must Conform	X						
EC-MC-3.4	Must Conform	X						
EC-MC-11.1	Must Conform	X						

Policy ID#	Legal Effect (conform with, have regard to, non-binding)	Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)	Policy affects Prescribed Instrument decisions (Lists C and D)	Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)	Monitoring policies referred to in s.22(2) of the Clean Water Act (CWA) (List F)	Part IV Policies - Significant threat policies that are designated in the plan as requiring a Risk Management Plan, are prohibited under s. 57, or to which s. 59 of the CWA applies (Lists G, H, and I)	Strategic Action Policies (List J)	Significant threat policies which designate a body other than a municipality, source protection authority or local board as responsible for implementing the policy (List K)
EC-MC-2.1	Must Conform		X					
EC-MC-3.3	Must Conform		X					
EC-MC-3.5	Must Conform		X					
EC-MC-3.6	Must Conform		X					
EC-MC-3.7	Must Conform		X					
EC-MC-3.8	Must Conform		X					
EC-MC-6.1	Must Conform		X					
EC-MC-6.3	Must Conform		X					
EC-MC-17.4	Must Conform		X					
EC-CW-1.5	Comply With			X				
EC-NB/CW-1.6	Non-Binding / Comply With			X				X
EC-CW-1.9	Comply With			X				
EC-CW-1.10	Comply With			X				
EC-CW-1.18	Comply With			X				
EC-CW-2.3	Comply With			X				
EC-CW-3.1	Comply With			X				
EC-CW-5.3	Comply With			X				
EC-CW-6.2	Comply With			X				
EC-CW-7.2	Comply With			X				
EC-CW-9.2	Comply With			X				
EC-CW-14.3	Comply With			X				
EC-CW-15.1	Comply With			X				
EC-CW-16.1	Comply With			X				
EC-CW-17.5	Comply With			X				
EC-CW-1.9	Comply With				X			
EC-CW-1.10	Comply With				X			

Policy ID#	Legal Effect (conform with, have regard to, non-binding)	Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)	Policy affects Prescribed Instrument decisions (Lists C and D)	Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)	Monitoring policies referred to in s.22(2) of the Clean Water Act (CWA) (List F)	Part IV Policies - Significant threat policies that are designated in the plan as requiring a Risk Management Plan, are prohibited under s. 57, or to which s. 59 of the CWA applies (Lists G, H, and I)	Strategic Action Policies (List J)	Significant threat policies which designate a body other than a municipality, source protection authority or local board as responsible for implementing the policy (List K)
EC-CW-1.11	Comply With				X			
EC-CW-1.12	Comply With				X			
EC-CW-1.13	Comply With				X			
EC-CW-1.14	Comply With				X			
EC-NB-1.15	Non-Binding				X			
EC-CW-4.1	Comply With					X		
EC-CW-5.1	Comply With					X		
EC-CW-5.2	Comply With					X		
EC-CW-6.4	Comply With					X		
EC-CW-7.1	Comply With					X		
EC-CW-8.1	Comply With					X		
EC-CW-8.2	Comply With					X		
EC-CW-10.1	Comply With					X		
EC-CW-10.2	Comply With					X		
EC-CW-12.1	Comply With					X		
EC-CW-13.1	Comply With					X		
EC-CW-14.1	Comply With					X		
EC-CW-14.2	Comply With					X		
EC-CW-15.2	Comply With					X		
EC-CW-17.1	Comply With					X		
EC-CW-17.2	Comply With					X		
EC-CW-17.3	Comply With					X		
EC-NB-1.16	Non-Binding						X	
EC-NB-1.17	Non-Binding						X	
EC-NB-1.7	Non-Binding							X
EC-NB-1.8	Non-Binding							X
EC-NB-1.15	Non-Binding							X

6.6 Schedule A: Municipality of Bayham: Village of Richmond Water Supply (Groundwater Wells)



Significant Drinking Water Threat Policy Applicability

Significant Drinking Water Threat Policy Categories	Vulnerability Scores on Map		
	10	8	2,4,6
1. Waste Disposal	10	8	2,4,6
2. Sewage Systems	10	8	2,4,6
3, 4. Agricultural Source Material	10	8	2,4,6
6, 7. Non-Agricultural Source Material*	10	8	2,4,6
8, 9. Commercial Fertilizer*	10	8	2,4,6
10, 11. Pesticide	10	8	2,4,6
12, 13. Road Salt*	10	8	2,4,6
14. Storage of Snow	10	8	2,4,6
15. Fuel	10	8	2,4,6
16. DNAPLs	10	8	2,4,6
17. Organic Solvents	10	8	2,4,6
18. Aircraft De-icing	10	8	2,4,6
21. Livestock Area	10	8	2,4,6
Local Oil Pipelines Threat	10	8	2,4,6

**Note:** This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) within the Non-GUDI Wellhead Protection Zones shown on this map. For details refer to the text of the Source Protection Plan and the Ministry of the Environment Drinking Water Threats Tables.  
 \*Application of Commercial Fertilizer, Non-Agricultural Source Material, and Road Salt may not be a significant drinking water threat in some areas due to the % managed land, livestock density, and/or % impervious surface calculations for these areas. See the text of the plan for further details.

**Wellhead Protection Zones:**

- Well
- Road
- Minor River
- Lake / Main River
- Lower Tier
- Municipal Boundary
- WHPA-A
- WHPA-B
- WHPA-C



1. Updated January 27, 2015  
 2. Larger scale mapping of some map layers, including roads and vulnerability scores, is available at [www.sourcewater.ca](http://www.sourcewater.ca).  
 3. This map is for illustrative purposes only. Information contained hereon is not a substitute for professional review or a site survey and is subject to change without notice. The Grand River Conservation Authority takes no responsibility for, nor guarantees, the accuracy of the information contained on this map. Any interpretations or conclusions drawn from this map are the sole responsibility of the user.