

## **Catfish Creek Source Protection Area**

# **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)**

**Version 2.1  
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This project has received funding from the Government of Ontario.



**Note:** Please refer to Volume I of the Catfish Creek Source Protection Plan for a complete list of version numbering and a high-level description of amendments that have been made since original approval.

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## 1.0 INTRODUCTION

The Catfish Creek 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 Catfish Creek Source Protection Area.

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 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 Catfish Creek Source Protection Area Assessment Report, originally approved by the Ministry of the Environment on October 7, 2010, 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 have been made to the Assessment Report following the 2010 approval. These updates were incorporated into the Assessment Report which were submitted to the Ministry of the Environment for its review and approval. The Ministry of the Environment and Climate Change approved the most recently updated Catfish Creek Assessment Report on September 2, 2014.

New information has since been added to the Catfish Creek Assessment Report which was posted for a 35-day public consultation period from January 25 to February 28, 2023. The full report is available on the [Lake Erie Source Protection Region website](#).

### **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, Conservation and Parks 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: List of Policies as Per Section 34 of Ontario Regulation 287/07 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:** Prescribed Instruments and Policy Summary Tables  
Appendix B:  
Prescribed Instruments and Policy Summary Tables 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 Catfish Creek Source Protection Area.

## 2.0 HOW TO READ THE SOURCE PROTECTION PLAN POLICIES

There is one municipal drinking water system located in the Catfish Creek Source Protection Area. These Source Protection Plan policies have been developed for this municipal drinking water system. 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 Technical Rules (2021) under the Clean Water Act, 2006. Drinking water threats are also available through the Source Water Protection Threats Tool. In most cases, the Prescribed Drinking Water Threat is stated within the policy and it is understood that this will include all sub-threats as listed in the [Source Water Protection Threat Tools](#). These prescribed drinking water threats are also described in Volume I of this Source Protection Plan.

The policies in the Catfish Creek Source Protection Plan are included in Section 3, which contains the following information:

- County of Oxford Specific Definitions
- County of Oxford Source Protection Plan Policies
- Policies addressing Prescribed Drinking Water Threats within the County of Oxford

Following Section 3, **Appendix A** lists the policies as per Section 34 of Ontario Regulation 287/07. **Appendix B** shows the Prescribed Instruments which apply to Source Protection Plan policies in Lists C and D (**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)** and a Policy Summary Matrix (**Table 2: Policy Summary Matrix**).

Policy Applicability Mapping can be found under the List of Schedules.

In some cases, policies have been included in this Source Protection Plan, even though it is in the opinion of the municipality 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.

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

Figure 1: Example of a Source Protection Plan Policy



## 2.2 Policy Identifier

To assist the reader, an identifier has been used for each policy. The identifier specifies the system/ policy location, legal effect, and policy number (i.e. OC-CC-CW-1.1).

The system/ policy location is identified first:

- OC-CC – County of Oxford, Catfish Creek

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

- CW – Comply With
- MC – Must Conform
- NB – Non 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. The legal effect policy matrix is presented in Volume I of this Source Protection Plan.

The policies in the Source Protection Plan have one of three types of legal effect – “must conform/comply with”, “have regard to”, and “non binding”. The following is an explanation of which policies fall under each legal effect provision. The appendices of the Source Protection Plan also contain Policy Lists, ensuring that the 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 significant drinking water threat (activity/condition) policies (see List A).
- The Clean Water Act, 2006 requires decisions related to prescribed instruments to conform with 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).

**Non Binding (NB)**

The Source Protection Plan includes other types of policies that, while the Source Protection Committee may determine 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:

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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.

- 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 Catfish Creek 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); and
- 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;
- 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 Instrument: Prescribed Instrument (e.g., Environmental Compliance Approval); and
- -v. #: Applicable vulnerability score where the policy will apply.

## 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 Assessment Report mapping, modified to indicate where the Source Protection Plan policies may apply, based on the Technical Rules (2021) under the Clean Water Act, 2006. Drinking water threats are also available through the [Source Water Protection Threats Tool](#).

The purpose of this mapping is to provide a summary of the circumstances presented in the 2021 Technical Rules. 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 [Source Water Protection Threats Tool](#) (specific circumstances) should be consulted. A summary on how to read the Source Protection Plan is provided in Volume I.

## 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 or policies 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 CATFISH CREEK SOURCE PROTECTION PLAN POLICIES – COUNTY OF OXFORD

The following Catfish Creek Source Protection Plan policies apply in the vulnerable areas identified in the County of Oxford for the Brownsville Water Supply as presented in Schedules A of Volume II. The Brownsville Water Supply, within the County of Oxford, is the only drinking water system within the Catfish Creek watershed for which significant drinking water threat policies were developed. Further information on this process is presented in the Catfish Creek Assessment Report available on the [Lake Erie Source Protection Region website](#).

#### 3.1 Definitions

General definitions are provided in Volume I of the Catfish Creek Source Protection Plan or in the Clean Water Act, 2006. The following definitions are included to aid the reader in understanding the source protection policies and where and when they apply. The definitions shall apply only to the Catfish Creek Source Protection Area where the drinking water threat policies apply. Defined terms are intended to capture both the singular and plural forms of these terms.

**Term: 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.

**Term: County** - means the County of Oxford.

**Term: 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.

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

## 3.2 County of Oxford Source Protection Plan Policies

### 3.2.1 Policies that do not address specific prescribed drinking water threats

Policy number	Implementation and Timing
<p>OC-CC-CW-1.1</p> <p>Implementation &amp; Timing</p>	<p>Except as set out below or as otherwise prescribed by Section 57 or 58 of the Clean Water Act, 2006 the policies contained in this Source Protection Plan shall come into effect on the effective date set by the Minister.</p> <ul style="list-style-type: none"> <li>a) For Section 57 of the Clean Water Act, 2006 if an activity was engaged in a particular location before the relevant policies within this Source Protection Plan take effect, policies regarding prohibited activities do not apply to a person who engages in the activity at that location until 180 days from the date the Source Protection Plan takes effect;</li> <li>b) For Section 58 of the Clean Water Act, 2006 if an activity was engaged in at a particular location before the relevant policies within 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 notice is given;</li> <li>c) For Section 59 of the Clean Water Act, 2006 restricted land use policies shall come into effect on the day the relevant policies within the Source Protection Plan takes effect;</li> <li>d) For Section 43 of the Clean Water Act, 2006 if an activity was engaged in a particular location before the relevant policies within 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 Clean Water Act, 2006 the amendments to the Official Plan required to conform with the significant threat policies shall be initiated by the County within five (5) years of the effective date of the relevant policies within the Source Protection Plan takes effect, or as part of the next Official Plan Review undertaken in accordance with Section 26 of the Planning Act. The</li> </ul>

Policy number	Implementation and Timing
	<p>amendments to the Zoning By-Laws required to conform with the relevant significant threat policies shall be initiated by the Area Municipalities within two (2) years of the adoption of the Official Plan conformity amendment; and</p> <p>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 relevant policies within the Source Protection Plan takes effect.</p>
OC-CC-CW-1.1.1  Implementation & Timing	<p>This source protection plan came into effect on January 1, 2015, the effective date specified in the Notice of Approval posted on the Environmental Bill of Rights Registry. Amendments to the Source Protection Plan are permitted in accordance with the Clean Water Act, 2006, and the General Regulation. The effective date for amended policies, only including but not limited to the addition of new drinking water threats and regulated areas and activities, is the date of posting of the Notice of Approval of the amendment provisions on the Environmental Bill of Rights Registry.</p>

Policy Number	Transition
OC-CC-CW-1.2  Transition	<p>a) Notwithstanding the definition of existing, where development is being proposed by one or more of the following applications:</p> <ul style="list-style-type: none"> <li>i. A site specific amendment to a zoning by-law under subsection 34(10) of the Planning Act;</li> <li>ii. Approval of development in a site plan control area under subsection 41(4) of the Planning Act; or</li> <li>iii. A building permit under the Building Code Act.</li> </ul> <p>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:</p>

Policy Number	Transition
	<ul style="list-style-type: none"> <li>i. 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>ii. 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> <p>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.</p> <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, the relevant appeal body, or have lapsed or been withdrawn.</p> <ul style="list-style-type: none"> <li>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 such activity 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.</li> <li>c) Notwithstanding the definition of existing or the provisions contained in subsection i) or ii) of OC-CC-CW-1.2, where 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, any significant drinking water threat activity not so documented shall be considered new or future from that point forward.</li> <li>d) 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</li> </ul>

Policy Number	Transition
	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.

Policy Number	Uses and Areas Designated as Restricted Land Use
OC-CC-CW-1.3  Part IV-RLU	<p>In accordance with Section 59 of the Clean Water Act, 2006 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 Clean Water Act, 2006 may apply (Well Head Protection Areas A, B or C), are hereby designated for the purposes of section 59 (Restricted Land Use). Within these designated land use categories and areas, a notice from the Risk Management Official in accordance with section 59(2) of the Clean Water Act, 2006 shall be required prior to approval of any Planning Act or Building Permit application.</p> <p>Despite the above policy, a Risk Management Official may issue written direction specifying the circumstances under which a planning authority or building official may be permitted to make the determination that a site specific land use is not designated for the purposes of section 59. Where such direction has been issued, a site specific land use that is the subject of an application for approval under the Planning Act or for a permit under the Building Code Act is not designated for the purposes of Section 59, provided that the planning authority or building official, as the case may be, is satisfied that:</p> <ul style="list-style-type: none"> <li>a) The application complies with the circumstances specified in the written direction from the Risk Management Official; and</li> <li>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.</li> </ul>

Policy Number	Official Plan and Zoning By-law Amendment(s) Policies
OC-CC-MC-1.4  Future  Land Use Planning	<p>The County shall amend the Official Plan and the Area Municipalities shall amend their respective Zoning By-Laws to:</p> <p>Identify the WHPAs in which a significant drinking water threat could occur;</p> <p>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 those policies;</p> <p>Identify the significant drinking water threats that are prohibited through Prescribed Instruments, or Section 57 of the Clean Water Act, 2006 in accordance with the significant drinking water threat specific policies contained in this Source Protection Plan; and</p> <p>Incorporate any other amendments required to conform with the significant drinking water threat specific land use policies identified in this Source Protection Plan.</p>

Policy Number	Education and Outreach Programs
OC-CC-CW-1.5  Existing/Future  Education & Outreach	<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>

Policy Number	Incentive Programs
OC-CC-CW-1.6  Existing/Future  Incentive	<p>The County, in collaboration with the Ministry of the Environment, Conservation and Parks, Conservation Authorities and other bodies wherever possible, may develop and implement incentive programs directed at various significant drinking water threats,</p>

Policy Number	Incentive Programs
	where such programs are deemed necessary and/or appropriate by the County and subject to available funding.
OC-CC-NB-1.7  Existing/Future  Incentive	The Ministry of the Environment, Conservation and Parks and other provincial ministries should consider reinstating 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.

Policy Number	Annual Reporting
OC-CC-CW-1.8  Monitoring	<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, in accordance with the Clean Water Act, 2006.</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 report will include a summary of 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>
OC-CC-CW-1.9  Monitoring	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 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-CC-CW-1.10  Monitoring	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, in accordance with the Clean Water Act, 2006.
OC-CC-CW-1.11  Monitoring	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

Policy Number	Annual Reporting
	Protection Authority and the County by February 1 <sup>st</sup> of each year, in accordance with the Clean Water Act, 2006.
OC-CC-CW-1.12 Monitoring	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, in accordance with the Clean Water Act, 2006.

Policy Number	Environmental Compliance Approvals and Consultation with Oxford County
OC-CC-NB-1.13 Existing/Future Specify Action	The Ministry of the Environment, Conservation and Parks 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.

Policy Number	Strategic Action: Spill Prevention, Spill Contingency or Emergency Response Plans
OC-CC-NB-1.14 Existing/Future Specify Action	<p>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,</p> <p>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.</p> <p>The Ministry of the Environment, Conservation and Parks 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.</p>

Policy Number	Strategic Action: Transport Pathways
OC-CC-NB-1.15  Existing/Future  Specify Action	The Ministry of the Environment, Conservation and Parks 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 Ontario Water Resources Act.

Policy Number	Interpretation
OC-CC-CW-1.16  Interpretation of Source Protection Plan	<p>The Source Protection Plan provides policies to meet the objectives of the Clean Water Act, 2006. The Source Protection Plan consists of the written policy text and Schedules.</p> <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 Technical Rules under the Clean Water Act, 2006.</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. No provision of this Plan shall derogate from any applicable law.</li> </ul>

### 3.2.2 The County of Oxford Policies Addressing Prescribed Drinking Water Threats

Policy Number	1. Establishment, Operation or Maintenance of a Waste Disposal Site, within the Meaning of Part V of the Environmental Protection Act
OC-CC-CW-2.1  Existing  Prescribed Instrument  WHPA-A-v.10	To ensure any Existing establishment, operation, maintenance of a waste disposal site within the meaning of Part V of the Environment Protection Act, 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, Conservation and Parks shall review, and where necessary, amend Environmental Compliance Approvals to incorporate appropriate terms and conditions that, when implemented, ensure the activity ceases to be a significant drinking water threat.
OC-CC-MC-2.2  Existing  Part IV-RMP  WHPA-A-v.10	To ensure any Existing establishment, operation, maintenance of a waste disposal site within the meaning of Part V of the Environment Protection Act, that is not subject to an Environmental Compliance Approval, ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, it shall be designated for the purpose of Section 58 of the Clean Water Act, 2006 and a Risk Management Plan shall be required.
OC-CC-MC-2.3  Future  Prescribed Instrument  WHPA-A-v.10	To ensure any New establishment, operation, maintenance of a waste disposal site within the meaning of Part V of the Environment Protection Act, that requires 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, Conservation and Parks shall prohibit this activity through the Environmental Compliance Approvals process.
OC-CC-CW-2.4  Future  Part IV-Prohibit  WHPA-A-v.10	To ensure any New establishment, operation, maintenance of a waste disposal site within the meaning of Part V of the Environment Protection Act, that does not require an Environmental Compliance Approval, 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 Clean Water Act, 2006 and shall be prohibited.

Policy Number	<b>2. Establishment, Operation or Maintenance of a System That Collects, Stores, Transmits, Treats or Disposes of Sewage:</b>  Onsite Sewage Works
OC-CC-CW-3.1  Existing/Future  Specify Action  WHPA-A-v.10	<p>To ensure any</p> <ul style="list-style-type: none"> <li>a) Existing onsite sewage works regulated under the Ontario Building Code Act, 1992, including expansions, modifications or replacements of such systems, or</li> <li>b) New onsite sewage works regulated under the Ontario Building Code Act, 1992, required for a municipal water supply well</li> </ul> <p>cease to be or never become a significant drinking water threat, where this activity is or would be a significant drinking water threat, the County shall implement an on-site sewage system maintenance inspection program, as required by the Ontario Building Code Act, 1992.</p>
OC-CC-MC-3.2  Future  Land Use Planning  WHPA-A-v.10	<p>To ensure any New onsite sewage works regulated under the Ontario Building Code Act, 1992, with the exception of a New onsite sewage works that is required for a municipal water supply well facility, 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 the Area Municipalities shall amend their respective Zoning By-laws to prohibit uses, buildings or structures requiring a New onsite sewage works in areas where such activities would be a significant drinking water threat. For the purposes of this policy, upgrading, alteration, expansion or replacement of an Existing onsite sewage works to an improved standard shall not be considered to be a New onsite sewage works.</p>
OC-CC-MC-3.3  Existing  Prescribed Instrument  WHPA-A-v.10	<p>To ensure any Existing onsite sewage works subject to an Environmental Compliance Approval in accordance with the Ontario Water Resources Act, ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, the Ministry of the Environment, Conservation and Parks shall review, and where necessary, amend Environmental Compliance Approvals, to incorporate terms and conditions that, when implemented, ensure this activity ceases to be a significant drinking water threat.</p> <p>The terms and conditions should include, but not necessarily be limited to, requirements for the proponent/applicant to undertake</p>

Policy Number	<b>2. Establishment, Operation or Maintenance of a System That Collects, Stores, Transmits, Treats or Disposes of Sewage:</b> Onsite Sewage Works
	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 onsite sewage works to current standards, where necessary.
OC-CC-MC-3.4  Future  Prescribed Instrument  WHPA-A-v.10	To ensure any New onsite sewage works requiring an Environmental Compliance Approval, in accordance with the Ontario Water Resources Act, never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, the Ministry of the Environment, Conservation and Parks shall prohibit this activity through the Environmental Compliance Approvals process.

Policy Number	<b>2. Establishment, Operation or Maintenance of a System That Collects, Stores, Transmits, Treats or Disposes of Sewage:</b> Wastewater Treatment Facilities and Associated Parts
OC-CC-MC-3.5  Existing  Prescribed Instrument  WHPA-A-v.10	To ensure any Existing wastewater treatment facilities and associated parts ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, the Ministry of the Environment, Conservation and Parks shall review, and where necessary, amend Environmental Compliance Approvals to incorporate terms and conditions that, when implemented, ensure this activity ceases to be a significant drinking water threat.
OC-CC-MC-3.6  Future  Prescribed Instrument  WHPA-A-v.10	To ensure any New wastewater treatment facilities and associated parts never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, the Ministry of the Environment, Conservation and Parks shall prohibit this activity through the Environmental Compliance Approvals process.

<b>Policy Number</b>	<b>2. Establishment, Operation or Maintenance of a System That Collects, Stores, Transmits, Treats or Disposes of Sewage:</b>  Wastewater Collection Facilities and Associated Parts: Sanitary Sewers  Wastewater Collection Facilities and Associated Parts: Outfall of a Combined Sewer Overflow (CSO), or a Sanitary Sewer Overflow (SSO) from a Manhole or Wet Well  Wastewater Collection Facilities and Associated Parts: Sewage Pumping Station or Lift Station Wet Well, a Holding Tank or a Tunnel
OC-CC-MC-3.7  Existing/Future  Prescribed Instrument  WHPA-A-v.10	To ensure any Existing or New wastewater collection facilities and associated parts cease to be or never become significant drinking water threats, where these activities are or would be significant drinking water threats, the Ministry of the Environment, Conservation and Parks shall ensure that the Environmental Compliance Approval for these activities are prepared, or, where necessary, amended to incorporate terms and conditions that, when implemented ensure these activities cease to be or never become significant drinking water threats. 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.

<b>Policy Number</b>	<b>2. Establishment, Operation or Maintenance of a System That Collects, Stores, Transmits, Treats or Disposes of Sewage:</b>  Storm Water Management Facilities and Drainage Systems: Outfall from a Storm Water Management Facility or Storm Water Drainage System  Storm Water Management Facilities and Drainage Systems: Storm Water Infiltration Facility
OC-CC-MC-3.8  Existing  Prescribed Instrument  WHPA-A-v.10	To ensure any Existing stormwater management facilities and drainage systems cease to be significant drinking water threats, where these activities are significant drinking water threats, the Ministry of the Environment, Conservation and Parks shall review and, if necessary, amend Environmental Compliance Approvals to incorporate terms and conditions that, when implemented, will ensure these activities cease to be significant drinking water threats.

<b>Policy Number</b>	<b>2. Establishment, Operation or Maintenance of a System That Collects, Stores, Transmits, Treats or Disposes of Sewage:</b>  Storm Water Management Facilities and Drainage Systems: Outfall from a Storm Water Management Facility or Storm Water Drainage System  Storm Water Management Facilities and Drainage Systems: Storm Water Infiltration Facility
OC-CC-MC-3.9  Future  Prescribed Instrument  WHPA-A-v.10	To ensure any New stormwater management facilities and drainage systems never become significant drinking water threats, where these activities would be significant drinking water threats, the Ministry of the Environment, Conservation and Parks shall prohibit these activities through the Environmental Compliance Approvals process.

<b>Policy Number</b>	<b>2. Establishment, Operation or Maintenance of a System That Collects, Stores, Transmits, Treats or Disposes of Sewage:</b>  Industrial Effluent Discharges
OC-CC-MC-3.10  Future  Prescribed Instrument  WHPA-A-v.10	To ensure any New industrial effluent discharges never become a significant drinking water threat, where this activity would be a significant drinking water threat, the Ministry of the Environment, Conservation and Parks shall prohibit this activity through the Environmental Compliance Approvals process.

<b>Policy Number</b>	<b>3. The application of agricultural source material to land</b>
OC-CC-CW-4.1  Existing/Future  Part IV-Prohibit  WHPA-A-v.10	To ensure any Existing or New application of 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, it shall be designated for the purpose of Section 57 of the Clean Water Act, 2006 and shall be prohibited.

Policy Number	4. The storage of agricultural source material
OC-CC-CW-5.1 Future Part IV-Prohibit WHPA-A-v.10	<p>To ensure any New storage of agricultural source material never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, it shall be designated for the purpose of Section 57 of the Clean Water Act, 2006 and shall be prohibited.</p>
OC-CC-CW-5.2 Existing Part IV-RMP WHPA-A-v.10	<p>To ensure any Existing storage of agricultural source material ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, it shall be designated for the purpose of Section 58 of the Clean Water Act, 2006 and a Risk Management Plan shall be required.</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 Nutrient Management Act, 2002 but may also include any modifications or additional requirements deemed necessary or appropriate by the Risk Management Official.</p>

Policy Number	6. The application of non-agricultural source material (NASM) to land
OC-CC-MC-6.1 Existing/Future Prescribed Instrument WHPA-A-v.10	<p>To ensure any 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, Conservation and Parks, as applicable, shall prohibit this activity through the Non-Agricultural Source Material (NASM) Plan process, in accordance with the Nutrient Management Act, 2002, or through the Environmental Compliance Approval process, in accordance with the Environmental Protection Act.</p>

Policy Number	7. The handling and storage of non-agricultural source material (NASM)
OC-CC-MC-7.1 Existing	<p>To ensure any Existing facility for the handling and storage of non-agricultural source material ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs, or Ministry of the Environment, Conservation and Parks, as applicable, shall review, and if necessary, amend the required</p>

Policy Number	7. The handling and storage of non-agricultural source material (NASM)
<p>Prescribed Instrument</p> <p>WHPA-A-v.10</p>	Non-Agricultural Source Material (NASM) Plan, in accordance with the Nutrient Management Act, 2002, or Environmental Compliance Approval, in accordance with the Environmental Protection Act, 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>OC-CC-MC-7.2</p> <p>Future Prescribed Instrument</p> <p>WHPA-A-v.10</p>	To ensure any New handling and storage of non-agricultural source material never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs or Ministry of the Environment, Conservation and Parks, as applicable, shall prohibit this activity through the Non-Agricultural Source Material (NASM) Plan process in accordance with the Nutrient Management Act, 2002, or through the Environmental Compliance Approval process in accordance with the Environmental Protection Act.

Policy Number	8. The application of commercial fertilizer to land
<p>OC-CC-CW-8.1</p> <p>Existing/Future Part IV-RMP</p> <p>WHPA-A-v.10</p> <p>Does not currently apply in WHPA-A due to the percent managed land and livestock density calculation</p>	To ensure any Existing or Future application of commercial fertilizer to land, on properties zoned for any other use than residential, ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, it shall be designated for the purpose of Section 58 of the Clean Water Act, 2006 and a Risk Management Plan shall be required.

Policy Number	8. The application of commercial fertilizer to land
OC-CC-CW-8.2 Existing/Future Education & Outreach WHPA-A-v.10 Does not currently apply in WHPA-A due to the percent managed land and livestock density calculation	To ensure any Existing or Future application of commercial fertilizer to land, on properties zoned exclusively for residential purposes in the Area Municipal Zoning By- Laws, 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, in collaboration with the Source Protection Authority, Area Municipalities, the Ministry of the Environment, Conservation and Parks, 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. 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.

Policy Number	9. The handling and storage of commercial fertilizer to land
OC-CC-CW-9.1 Existing Part IV-RMP WHPA-A-v.10	To ensure any Existing handling and storage of commercial fertilizer to land ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, it shall be designated for the purpose of Section 58 of the Clean Water Act, 2006 and a Risk Management Plan shall be required.
OC-CC-CW-9.2 Future Part IV-Prohibit WHPA-A-v.10	To ensure any New handling and storage of commercial fertilizer to land never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, it shall be designated for the purpose of Section 57 of the Clean Water Act, 2006 and shall be prohibited.

Policy Number	10. The application of pesticide to land
OC-CC-CW-10.1 Existing/Future Part IV-RMP	To ensure any Existing or Future application of pesticide 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, it shall be designated for the purpose of Section 58 of the

Policy Number	10. The application of pesticide to land
WHPA-A-v.10	Clean Water Act, 2006 and a Risk Management Plan shall be required.

Policy Number	11. The handling and storage of pesticide
OC-CC-CW-11.1 Existing Part IV-RMP WHPA-A-v.10	To ensure any Existing facility for the handling and storage of pesticide ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, it shall be designated for the purpose of Section 58 of the Clean Water Act, 2006 and a Risk Management Plan shall be required.
OC-CC-CW-11.2 Future Part IV-Prohibit WHPA-A-v.10	To ensure any New handling and storage of pesticide threat circumstances, where the total mass of all materials stored that contain a pesticide prescribed under the Clean Water Act, 2006, in any form, including liquid or solid, is more than 2500 kilograms, 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 Clean Water Act, 2006 and shall be prohibited.
OC-CC-CW-11.3 Future Part IV-RMP WHPA-A-v.10	To ensure any New handling and storage of pesticide threat circumstances not addressed by policy OC-CC-CW-11.2, never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, it shall be designated for the purpose of Section 58 of the Clean Water Act, 2006 and a Risk Management Plan shall be required.

Policy Number	13. The handling and storage of road salt Exposed to Precipitation or Runoff
OC-CC-CW-12.1 Existing/Future Part IV-Prohibit WHPA-A-v.10	To ensure any Existing or New handling and storage of road salt exposed to precipitation or runoff on all property uses other than a residential use, ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, it shall be designated for the purpose of Section 57 of the Clean Water Act, 2006 and shall be prohibited.

Policy Number	13. The handling and storage of road salt Potentially exposed to Precipitation or Runoff
OC-CC-CW-12.2  Existing/Future  Part IV-RMP  WHPA-A-v.10	To ensure any Existing or New handling and storage of road salt potentially exposed to precipitation or runoff on all property uses, other than a residential use, ceases to be or never becomes a significant drinking water threat, where this activity is or would be a significant drinking water threat, it shall be designated for the purpose of Section 58 of the Clean Water Act, 2006 and a Risk Management Plan shall be required.

Policy Number	13. The handling and storage of road salt Exposed or potentially exposed to Precipitation or Runoff
OC-CC-CW-12.3  Existing/Future  Education & Outreach  WHPA-A-v.10	To ensure any Existing or New handling and storage of road salt exposed or potentially exposed to precipitation or runoff on a residential use 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 directed at the owners and/or occupants of such properties.

Policy Number	14. The storage of snow
OC-CC-CW-13.1  Existing/Future  Part IV-RMP  WHPA-A-v.10	To ensure 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, it shall be designated for the purpose of Section 58 of the Clean Water Act, 2006 and a Risk Management Plan shall be required.
OC-CW-13.2 REMOVED	Intentionally deleted to preserve numbering.

Policy Number	15. The handling and storage of fuel
OC-CC-CW-14.1  Existing	To ensure any Existing handling and storage of fuel ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, it shall be designated for the

Policy Number	15. The handling and storage of fuel
Part IV-RMP WHPA-A-v.10	purpose of Section 58 of the Clean Water Act, 2006 and a Risk Management Plan shall be required.
OC-CC-CW-14.2 Future a) Part IV-Prohibit b) Part IV-RMP WHPA-A-v.10	<p>To ensure any New handling and storage of fuel never becomes a significant drinking water threat, where this activity would be a significant drinking water threat,</p> <p>a) this activity shall be designated for the purpose of Section 57 of the Clean Water Act, 2006 and shall be prohibited.</p> <p>b) Notwithstanding OC-CC-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 Clean Water Act, 2006 and a Risk Management Plan shall be required.</p>

Policy Number	16. The handling and storage of a Dense Non-Aqueous Phase Liquid (DNAPLS)
OC-CC-CW-15.1 a) Existing/ Future Education & Outreach WHPA-A/B/C b) Existing/ Future Part IV-RMP WHPA-A/B/C	<p>To ensure 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, ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat,</p> <p>a) the County, in collaboration with the Source Protection Authority, Area Municipalities, the Ministry of the Environment, Conservation and Parks, 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. 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-CC-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</p>

Policy Number	16. The handling and storage of a Dense Non-Aqueous Phase Liquid (DNAPLS)
	designated for the purpose of Section 58 of the Clean Water Act, 2006 and a Risk Management Plan shall be required.
OC-CC-CW-15.2 Existing Part IV-RMP WHPA-A/B/C	To ensure 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, ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, it shall be designated for the purpose of Section 58 of the Clean Water Act, 2006 and a Risk Management Plan shall be required.
OC-CC-CW-15.3 Future Part IV-Prohibit WHPA-A-v.10	To ensure 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', never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, it shall be designated for the purpose of Section 57 of the Clean Water Act, 2006 and shall be prohibited.
OC-CC-CW-15.4 Future Part IV-RMP WHPA-B WHPA-C	To ensure 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' or a WHPA 'C', never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, it shall be designated for the purpose of Section 58 of the Clean Water Act, 2006 and a Risk Management Plan shall be required.

Policy Number	17. The handling and storage of an organic solvent
OC-CC-CW-16.1 Existing Part IV-RMP WHPA-A-v.10	To ensure 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, it shall be designated for the purpose of Section 58 of the Clean Water Act, 2006 and a Risk Management Plan shall be required.
OC-CC-CW-16.2 Future	To ensure 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, it shall be

Policy Number	17. The handling and storage of an organic solvent
Part IV-Prohibit WHPA-A-v.10	designated for the purpose of Section 57 of the Clean Water Act, 2006 and shall be prohibited.

Policy Number	18. The management of runoff that contains chemicals used in de-icing of aircraft
OC-CC-CW-17.1 Future Part IV-RMP WHPA-A-v.10	To ensure 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, it shall be designated for the purpose of Section 58 of the Clean Water Act, 2006 and a Risk Management Plan shall be required.

Policy Number	21. The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm animal yard
OC-CC-CW-18.1 Existing/Future Part IV-RMP WHPA-A-v.10	To ensure any Existing or Future use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard, cease to be or never become significant drinking water threats, where these activities are, or would be, significant drinking water threats, shall be designated for the purpose of Section 58 of the Clean Water Act, 2006 and a Risk Management Plan shall be required.

Policy Number	22. The establishment and operation of a liquid hydrocarbon pipeline
OC-CC-NB-19.1 Future Specify Action Significant: WHPA-A-v.10 Low: WHPA-B-v.6	To ensure the establishment and operation of a liquid hydrocarbon pipeline within the meaning of O. Reg. 210/01 under the Technical Safety and Standards Act or that is subject to the Canadian Energy Regulator Act never becomes a significant, moderate or low drinking water threat, where the activity would be a significant, moderate or low drinking water threat, the Canada Energy Regulator, Ontario Energy Board, Technical Standards and Safety Authority (TSSA), and Impact Assessment Agency should ensure that drinking water source protection is considered as a risk factor in their decision making framework.

Policy Number	22. The establishment and operation of a liquid hydrocarbon pipeline
OC-CC-NB-19.2  Future  Specify Action  Significant: WHPA-A-v.10  Low: WHPA-B-v.6	To ensure the establishment and operation of a liquid hydrocarbon pipeline within the meaning of O. Reg. 210/01 under the Technical Safety and Standards Act or that is subject to the Canadian Energy Regulator Act never becomes a significant, moderate or low drinking water threat, where the activity would be a significant, moderate or low drinking water threat, pipeline owners should ensure that best available source protection information is used such as up to date vulnerable areas in assessment reports when developing, operating and maintaining liquid hydrocarbon pipelines, including developing and updating emergency planning zones (EPZs).
OC-CC-NB-19.3  Future  Specify Action  Significant: WHPA-A-v.10  Low: WHPA-B v.6	To ensure the establishment and operation of a liquid hydrocarbon pipeline within the meaning of O. Reg. 210/01 under the Technical Safety and Standards Act or that is subject to the Canadian Energy Regulator Act never becomes a significant, moderate or low drinking water threat, where the activity would be a significant, moderate or low drinking water threat, the Canada Energy Regulator or the Ontario Energy Board, should ensure that the Source Protection Authority and the County are provided the location of any new proposed pipeline.
OC-CC-NB-19.4  Future  Specify Action  Significant: WHPA-A-v.10  Low: WHPA-B-v.6	To ensure the establishment and operation of a liquid hydrocarbon pipeline within the meaning of O. Reg. 210/01 under the Technical Safety and Standards Act or that is subject to the Canadian Energy Regulator Act never becomes a significant , moderate or low drinking water threat, where the activity would be a significant, moderate or low drinking water threat, pipeline owners should, upon request by the County, reimburse costs borne by the County where work in relation to this activity is required by a regulator with regards to protecting drinking water sources or where the work identified by the drinking water system owner is supported based on due diligence and best practices as it relates to source protection and the protection of public health. Examples may include but are not limited to spill clean-up and rehabilitation activities, events-based modelling or other technical work required to support current vulnerability scoring.

### 3.3 Appendix A: List of Policies as Per Section 34 of Ontario 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-CC-CW-1.1, OC-CC-CW-1.1.1, OC-CC-CW-1.2, OC-CC-CW-1.3, OC-CC-MC-1.4, OC-CC-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

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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: OC-CC-CW-1.1, OC-CC-CW-1.1.1, OC-CC-CW-1.2, OC-CC-MC-2.1, OC-CC-MC-2.3, OC-CC-MC-3.3, OC-CC-MC-3.4, OC-CC-MC-3.5, OC-CC-MC-3.6, OC-CC-MC-3.7, OC-CC-MC-3.8, OC-CC-MC-3.9, OC-CC-MC-3.10, OC-CC-MC-6.1, OC-CC-MC-7.1, OC-CC-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

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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: OC-CC-CW-1.1, OC-CC-CW-1.1.1, OC-CC-CW-1.2, OC-CC-CW-1.5, OC-CC-CW-1.6, OC-CC-CW-1.16, OC-CC-CW-3.1, OC-CC-CW-8.2, OC-CC-CW-12.1, OC-CC-CW-12.2, OC-CC-CW-12.3, OC-CC-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-CC-CW-1.8, OC-CC-CW-1.9, OC-CC-CW-1.10, OC-CC-CW-1.11, OC-CC-CW-1.12

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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-CC-CW-1.1, OC-CC-CW-1.1.1, OC-CC-CW-2.4, OC-CC-CW-4.1, OC-CC-CW-5.1, OC-CC-CW-9.2, OC-CC-CW-11.2, OC-CC-CW-12.1, OC-CC-CW-14.2a, OC-CC-CW-15.3, OC-CC-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-CC-CW-1.1, OC-CC-CW-1.1.1, OC-CC-CW-2.2, OC-CC-CW-5.2, OC-CC-CW-8.1, OC-CC-CW-9.1, OC-CC-CW-10.1, OC-CC-CW-11.1, OC-CC-CW-11.3, OC-CC-CW-12.2, OC-CC-CW-13.1, OC-CC-CW-14.1, OC-CC-CW-14.2b, OC-CC-CW-15.1b, OC-CC-CW-15.2, OC-CC-CW-15.4, OC-CC-CW-16.1, OC-CC-CW-17.1, OC-CC-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-CC-CW-1.1, OC-CC-CW-1.1.1, OC-CC-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-CC-NB-1.13, OC-CC-NB-1.14, OC-CC-NB-1.15

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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-CC-NB-1.7, OC-CC-NB-19.1, OC-CC-NB-19.2, OC-CC-NB-19.3, OC-CC-NB-19.4

### 3.4 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)**

<b>Policy #</b>	<b>Legal Effect</b>	<b>Environmental Protection Act</b>	<b>Nutrient Management Act</b>	<b>Ontario Water Resources Act</b>
OC-CC-CW-1.1	Comply With	Yes	Yes	Yes
OC-CC-CW-1.1.1	Comply With	Yes	Yes	Yes
OC-CC-CW-1.2	Comply With	Yes	Yes	Yes
OC-CC-NB-1.13	Non-Binding	Yes	No	Yes
OC-CC-MC-2.1	Must Conform	Yes	No	Yes
OC-CC-MC-2.3	Must Conform	Yes	No	Yes
OC-CC-MC-3.3	Must Conform	Yes	No	Yes
OC-CC-MC-3.4	Must Conform	Yes	No	Yes
OC-CC-MC-3.5	Must Conform	Yes	No	Yes
OC-CC-MC-3.6	Must Conform	Yes	No	Yes
OC-CC-MC-3.7	Must Conform	Yes	No	Yes
OC-CC-MC-3.8	Must Conform	Yes	No	Yes
OC-CC-MC-3.9	Must Conform	Yes	No	Yes
OC-CC-MC-3.10	Must Conform	Yes	No	No
OC-CC-MC-6.1	Must Conform	Yes	Yes	No
OC-CC-MC-7.1	Must Conform	Yes	Yes	No
OC-CC-MC-7.2	Must Conform	Yes	Yes	No

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, 2006 (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 Clean Water Act, 2006 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-CC-CW-1.1	Comply With	Yes	Yes	Yes	No	Yes	No	No
OC-CC-CW-1.1.1	Comply With	Yes	Yes	Yes	No	Yes	No	No
OC-CC-CW-1.2	Comply With	Yes	Yes	Yes	No	No	No	No
OC-CC-CW-1.3	Comply With	Yes	No	No	No	Yes	No	No
OC-CC-MC-1.4	Must Conform	Yes	No	No	No	No	No	No
OC-CC-CW-1.5	Comply With	No	No	Yes	No	No	No	No
OC-CC-CW-1.6	Comply With	No	No	Yes	No	No	No	No

<b>Policy ID#</b>	<b>Legal Effect (conform with, have regard to, non-binding)</b>	<b>Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)</b>	<b>Policy affects Prescribed Instrument decisions (Lists C and D)</b>	<b>Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)</b>	<b>Monitoring policies referred to in s.22(2) of the Clean Water Act, 2006 (List F)</b>	<b>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 Clean Water Act, 2006 applies (Lists G, H, and I)</b>	<b>Strategic Action Policies (List J)</b>	<b>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)</b>
OC-CC-NB-1.7	Non-Binding	No	No	No	No	No	No	Yes
OC-CC-CW-1.8	Comply With	No	No	No	Yes	No	No	No
OC-CC-CW-1.9	Comply With	No	No	No	Yes	No	No	No
OC-CC-CW-1.10	Comply With	No	No	No	Yes	No	No	No
OC-CC-CW-1.11	Comply With	No	No	No	Yes	No	No	No
OC-CC-CW-1.12	Comply With	No	No	No	Yes	No	No	No
OC-CC-NB-1.13	Non-Binding	No	No	No	No	No	Yes	No

<b>Policy ID#</b>	<b>Legal Effect (conform with, have regard to, non-binding)</b>	<b>Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)</b>	<b>Policy affects Prescribed Instrument decisions (Lists C and D)</b>	<b>Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)</b>	<b>Monitoring policies referred to in s.22(2) of the Clean Water Act, 2006 (List F)</b>	<b>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 Clean Water Act, 2006 applies (Lists G, H, and I)</b>	<b>Strategic Action Policies (List J)</b>	<b>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)</b>
OC-CC-NB-1.14	Non-Binding	No	No	No	No	No	Yes	No
OC-CC-NB-1.15	Non-Binding	No	No	No	No	No	Yes	No
OC-CC-CW-1.16	Comply With	No	No	Yes	No	No	No	No
OC-CC-MC-2.1	Must Conform	No	Yes	No	No	No	No	No
OC-CC-CW-2.2	Comply With	No	No	No	No	Yes	No	No
OC-CC-MC-2.3	Must Conform	No	Yes	No	No	No	No	No
OC-CC-CW-2.4	Comply With	No	No	No	No	Yes	No	No

<b>Policy ID#</b>	<b>Legal Effect (conform with, have regard to, non-binding)</b>	<b>Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)</b>	<b>Policy affects Prescribed Instrument decisions (Lists C and D)</b>	<b>Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)</b>	<b>Monitoring policies referred to in s.22(2) of the Clean Water Act, 2006 (List F)</b>	<b>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 Clean Water Act, 2006 applies (Lists G, H, and I)</b>	<b>Strategic Action Policies (List J)</b>	<b>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)</b>
OC-CC-CW-3.1	Comply With	No	No	Yes	No	No	No	No
OC-CC-MC-3.2	Must Conform	Yes	No	No	No	No	No	No
OC-CC-MC-3.3	Must Conform	No	Yes	No	No	No	No	No
OC-CC-MC-3.4	Must Conform	No	Yes	No	No	No	No	No
OC-CC-MC-3.5	Must Conform	No	Yes	No	No	No	No	No
OC-CC-MC-3.6	Must Conform	No	Yes	No	No	No	No	No
OC-CC-MC-3.7	Must Conform	No	Yes	No	No	No	No	No

<b>Policy ID#</b>	<b>Legal Effect (conform with, have regard to, non-binding)</b>	<b>Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)</b>	<b>Policy affects Prescribed Instrument decisions (Lists C and D)</b>	<b>Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)</b>	<b>Monitoring policies referred to in s.22(2) of the Clean Water Act, 2006 (List F)</b>	<b>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 Clean Water Act, 2006 applies (Lists G, H, and I)</b>	<b>Strategic Action Policies (List J)</b>	<b>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)</b>
OC-CC-MC-3.8	Must Conform	No	Yes	No	No	No	No	No
OC-CC-MC-3.9	Must Conform	No	Yes	No	No	No	No	No
OC-CC-MC-3.10	Must Conform	No	Yes	No	No	No	No	No
OC-CC-CW-4.1	Comply With	No	No	No	No	Yes	No	No
OC-CC-CW-5.1	Comply With	No	No	No	No	Yes	No	No
OC-CC-CW-5.2	Comply With	No	No	No	No	Yes	No	No
OC-CC-MC-6.1	Must Conform	No	Yes	No	No	No	No	No

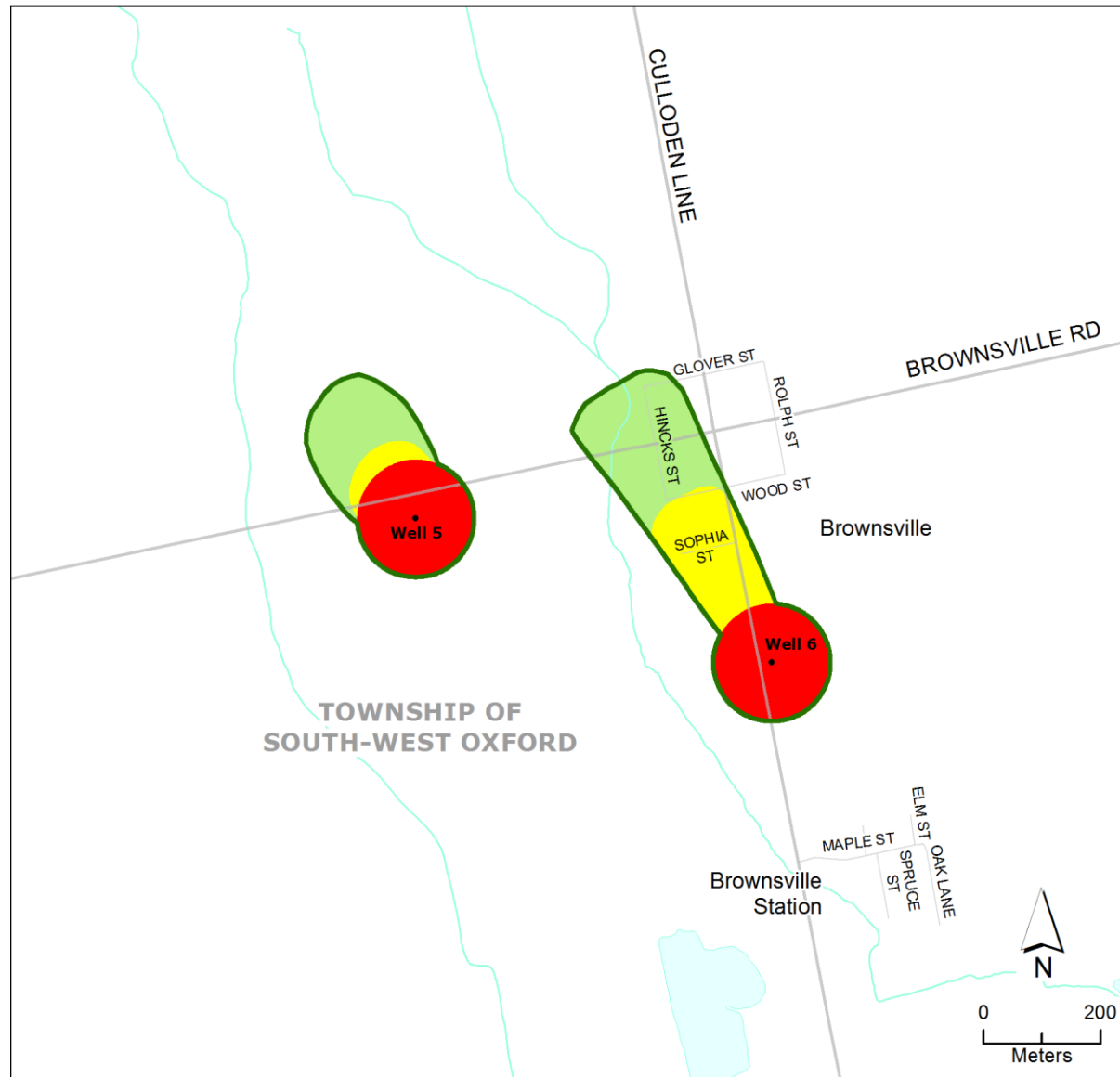
<b>Policy ID#</b>	<b>Legal Effect (conform with, have regard to, non-binding)</b>	<b>Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)</b>	<b>Policy affects Prescribed Instrument decisions (Lists C and D)</b>	<b>Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)</b>	<b>Monitoring policies referred to in s.22(2) of the Clean Water Act, 2006 (List F)</b>	<b>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 Clean Water Act, 2006 applies (Lists G, H, and I)</b>	<b>Strategic Action Policies (List J)</b>	<b>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)</b>
OC-CC-MC-7.1	Must Conform	No	Yes	No	No	No	No	No
OC-CC-MC-7.2	Must Conform	No	Yes	No	No	No	No	No
OC-CC-CW-8.1	Comply With	No	No	No	No	Yes	No	No
OC-CC-CW-8.2	Comply With	No	No	Yes	No	No	No	No
OC-CC-CW-9.1	Comply With	No	No	No	No	Yes	No	No
OC-CC-CW-9.2	Comply With	No	No	No	No	Yes	No	No
OC-CC-CW-10.1	Comply With	No	No	No	No	Yes	No	No

<b>Policy ID#</b>	<b>Legal Effect (conform with, have regard to, non-binding)</b>	<b>Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)</b>	<b>Policy affects Prescribed Instrument decisions (Lists C and D)</b>	<b>Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)</b>	<b>Monitoring policies referred to in s.22(2) of the Clean Water Act, 2006 (List F)</b>	<b>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 Clean Water Act, 2006 applies (Lists G, H, and I)</b>	<b>Strategic Action Policies (List J)</b>	<b>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)</b>
OC-CC-CW-11.1	Comply With	No	No	No	No	Yes	No	No
OC-CC-CW-11.2	Comply With	No	No	No	No	Yes	No	No
OC-CC-CW-11.3	Comply With	No	No	No	No	Yes	No	No
OC-CC-CW-12.1	Comply With	No	No	Yes	No	Yes	No	No
OC-CC-CW-12.2	Comply With	No	No	Yes	No	Yes	No	No
OC-CC-CW-12.3	Comply With	No	No	Yes	No	No	No	No
OC-CC-CW-13.1	Comply With	No	No	No	No	Yes	No	No

<b>Policy ID#</b>	<b>Legal Effect (conform with, have regard to, non-binding)</b>	<b>Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)</b>	<b>Policy affects Prescribed Instrument decisions (Lists C and D)</b>	<b>Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)</b>	<b>Monitoring policies referred to in s.22(2) of the Clean Water Act, 2006 (List F)</b>	<b>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 Clean Water Act, 2006 applies (Lists G, H, and I)</b>	<b>Strategic Action Policies (List J)</b>	<b>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)</b>
OC-CC-CW-14.1	Comply With	No	No	No	No	Yes	No	No
OC-CC-CW-14.2	Comply With	No	No	No	No	Yes	No	No
OC-CC-CW-15.1	Comply With	No	No	Yes	No	Yes	No	No
OC-CC-CW-15.2	Comply With	No	No	No	No	Yes	No	No
OC-CC-CW-15.3	Comply With	No	No	No	No	Yes	No	No
OC-CC-CW-15.4	Comply With	No	No	No	No	Yes	No	No
OC-CC-CW-16.1	Comply With	No	No	No	No	Yes	No	No

<b>Policy ID#</b>	<b>Legal Effect (conform with, have regard to, non-binding)</b>	<b>Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)</b>	<b>Policy affects Prescribed Instrument decisions (Lists C and D)</b>	<b>Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)</b>	<b>Monitoring policies referred to in s.22(2) of the Clean Water Act, 2006 (List F)</b>	<b>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 Clean Water Act, 2006 applies (Lists G, H, and I)</b>	<b>Strategic Action Policies (List J)</b>	<b>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)</b>
OC-CC-CW-16.2	Comply With	No	No	No	No	Yes	No	No
OC-CC-CW-17.1	Comply With	No	No	No	No	Yes	No	No
OC-CC-CW-18.1	Comply With	No	No	No	No	Yes	No	No
OC-CC-NB-19.1	No	No	No	No	No	No	No	Yes
OC-CC-NB-19.2	No	No	No	No	No	No	No	Yes
OC-CC-NB-19.3	No	No	No	No	No	No	No	Yes
OC-CC-NB-19.4	No	No	No	No	No	No	No	Yes

## 3.5 Schedule A: County Of Oxford: Brownsville Water Supply



## Drinking Water Threat Policy Applicability

Drinking Water Threat Policy Categories	Vulnerability Scores on Map				
	10	8	6	2 & 4	
<b>Policies for Significant Threats Only:</b>					
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					Anywhere in WHPA-A, B, C**
17. Organic Solvents					
18. Aircraft De-icing					
21. Livestock Area					
<b>Policies for Low, Moderate &amp; Significant Threats:</b>					
22. 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 Non-GUDI Wellhead Protection Zones on this map. For details, refer to the Drinking Water Threats Tables from the Ministry of the Environment, Conservation and Parks, and the text of this Plan.

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

\*\*DNAPLs can be significant drinking water threats anywhere in a WHPA-A, -B, or -C, regardless of the vulnerability score.

• Well	Lake / Main River
— Road	<b>Wellhead Protection Zones:</b>
Minor River	○ WHPA-A, -B, -C



Grand River Conservation Authority

1. Updated October 6, 2022
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.