

Grand River Source Protection Area

SOURCE PROTECTION PLAN VOLUME II

Chapter 11: County of Perth

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

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

April 1, 2025

TABLE OF CONTENTS

11.0 COUNTY OF PERTH – TOWNSHIP OF PERTH EAST.....	11-2
11.1 Definitions	11-2
11.2 County of Perth Source Protection Plan Policies	11-2
11.3 Policies Addressing Prescribed Drinking Water Threats.....	11-6
11.4 Appendix A: List of Policies as per Section 34 of Regulation 287/07	11-12
11.5 Appendix B: Prescribed Instruments and Policy Summary Tables	11-14
11.6 Schedule A: County of Perth, Township of Perth East, Milverton Water Supply	11-16
11.7 Schedule B: County of Perth, Township of Perth East, Baden – New Hamburg Water Supply.....	11-17

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11.0 COUNTY OF PERTH – TOWNSHIP OF PERTH EAST

The following County of Perth Source Protection Plan policies apply to vulnerable areas located within the Township of Perth East (within the Grand River watershed), including those originating from neighbouring municipalities. Reference should be made to the Saugeen, Grey Sauble, Northern Bruce Peninsula and Ausable Bayfield Maitland Valley Source Protection Plans for the portions of the water supply systems and vulnerable areas located within those jurisdictions.

11.1 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 Perth Source Protection Plan policies.

County – means the Corporation of the County of Perth.

Existing – means any 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 not existing, as defined herein.

11.2 County of Perth Source Protection Plan Policies

Policy Number	Implementation and Timing Policies
PC-CW-1.1.1 <i>Implement. & Timing</i>	This source protection plan came into effect on July 1, 2016, 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 <i>Clean Water Act, 2006</i> , and the General Regulations. 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.
PC-CW-1.1.2 <i>Implement. & Timing</i>	Except as set out below, the policies contained in this Source Protection Plan shall take effect on the date set by the Minister. <ol style="list-style-type: none"> a. For Section 57 of the <i>Clean Water Act, 2006</i>, if an activity was engaged in at a particular location before the relevant policies within this Source Protection Plan took effect, policies regarding prohibited activities do not apply to a person who engages in the activity at that location until 180 days from the date the Source Protection Plan takes effect; b. For Section 58 of the <i>Clean Water Act, 2006</i>, if an activity was engaged in at a particular location before the relevant policies within this Source Protection Plan took effect and the Risk Management Official gives notice to a person who is engaged in the activity at that location that, in the opinion of the Risk Management Official, policies regarding regulated activities should apply to the person who engages in the activity at that location on and after a date specified in the notice that is at least 120 days after the date of the notice; c. For Section 59 of the <i>Clean Water Act, 2006</i>, policies regarding restricted land uses shall come into effect the same day the relevant policies within the Source Protection Plan takes effect; d. Where the Source Protection Policies require the County and/or the Source Protection Authority to develop and implement education and outreach

Policy Number	Implementation and Timing Policies
	<p>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> <ul style="list-style-type: none"> e. For Sections 43 of the <i>Clean Water Act</i>, 2006, if an activity was engaged in at a particular location before the relevant policies within this Source Protection Plan took effect, amendments to Prescribed Instruments shall be completed within three (3) years from the date the Source Protection Plan takes effect. f. For Section 40 and 42 of the <i>Clean Water Act</i>, 2006, the Official Plan must be amended to conform with the significant threat policies within five (5) years from the date the relevant policies within the Source Protection Plan takes effect and the Zoning By-law within two (2) years from adoption of the Official Plan conformity amendment; and, g. Where the Source Protection Policies require a provincial ministry 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 relevant policies within the Source Protection Plan takes effect.

Policy Number	Transition Policies
PC-CW-1.2 <i>Transition</i>	<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"> a. A complete application for development under the <i>Planning Act</i> or <i>Condominium Act</i>; b. An application for Environmental Compliance Approval; or c. An application for a Building Permit <p>has been received by the applicable implementing body prior to the date this Source Protection Plan takes effect a related significant drinking water threat is subject to the policies pertaining to existing significant drinking water threats. Where the above noted applications have lapsed or been withdrawn, the above noted transition policies shall no longer apply.</p>

Policy Number	Uses and Areas Designated as Restricted Land Uses Policies
PC-CW-1.3 <i>Part IV- RLU</i>	<p>In accordance with Section 59(1) of the <i>Clean Water Act</i>, 2006, all land uses, except solely residential uses, where significant drinking water threat activities have been designated for the purpose of Section 57 or 58 of the <i>Clean Water Act</i>, 2006 are hereby designated as Restricted Land Uses and a written notice of approval from the Risk Management Official shall be required prior to approval of any Building Permit or <i>Planning Act</i> or <i>Condominium Act</i> application.</p> <p>Despite the above policy, a site specific proposed land uses 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>

Policy Number	Official Plan and Zoning By Law Amendment(s) Policies
PC-MC-1.4 <i>Future Land Use Planning</i>	The County and the Township of Perth East shall amend their Official Plan and Zoning By-Laws to: <ol style="list-style-type: none"> a. Identify the vulnerable areas in which drinking water threats prescribed under the Clean Water Act, 2006 would be significant; b. Indicate that within the areas identified, any land use that is, or would be, a significant drinking water threat is required to conform with all applicable Source Protection Plan policies and, as such, may be prohibited, restricted or otherwise regulated by those policies; c. Incorporate any other amendments required to conform with the threat specific land use policies identified in this Source Protection Plan.
Policy Number	Education and Outreach Program Policies
PC-CW-1.5 <i>Existing/Future Education&Outreach</i>	The County and the Township of Perth East, 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 prescribed under the <i>Clean Water Act, 2006</i> , 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.
Policy Number	Incentive Program Policies
PC-CW-1.6 <i>Existing/Future Incentive</i>	The County and the Township of Perth East, in collaboration with other bodies and levels of government wherever possible, may develop and implement incentive programs directed at various significant drinking water threat activities prescribed under the <i>Clean Water Act, 2006</i> , where such programs are deemed necessary and/or appropriate by the County and subject to available funding.
PC-NB-1.7 <i>Existing/Future Incentive</i>	The Ministry of the Environment, Conservation and Parks 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 Rural Water Quality Program.
PC-NB-1.8 <i>Existing Incentive</i>	To reduce the risks to drinking water from an existing activity, where this activity is a significant drinking water threat, the Grand River Conservation Authority, in consultation with the County, will deliver available cost share incentive programs as long as the Grand River Conservation Authority has such programs and outreach staff available, and work with affected land owners to implement best management practices for the following activities: <ol style="list-style-type: none"> a. The application of agricultural source material to land; b. The storage of agricultural source material; and, c. The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard.

Policy Number	Annual Reporting Policies
PC-CW-1.9 <i>Monitoring</i>	The County shall provide a report to the Source Protection Authority, by February 1 st of each year, summarizing the actions taken to implement the Source Protection Plan Policies, where specifically required by the policies.
PC-CW-1.10 <i>Monitoring</i>	Where the Municipality is required to amend their Official Plan and/or Zoning By-law to bring their planning documents into conformity with the Source Protection Plan, the County and/or municipality shall provide proof of compliance to the Source Protection Authority within 30 days of adoption of the amendment(s) by County Council or, where the matter has been appealed to the Ontario Municipal Board, the date of their decision to approve.
PC-CW-1.11 <i>Monitoring</i>	The Risk Management Official shall provide a report to the Source Protection Authority, by February 1 st of each year, summarizing the actions taken to implement the Source Protection Policies, in accordance with the <i>Clean Water Act, 2006</i> and associated regulations.
PC-CW-1.12 <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 document the number and locations where such instruments were reviewed and/or amended and any actions taken and/or conditions imposed. The applicable ministry shall provide a written report summarizing this information to the Source Protection Authority by February 1 st of each year.
PC-CW-1.13 <i>Monitoring</i>	Where the Source Protection Plan policies require a provincial ministry to 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 shall provide a written report summarizing this information to the Source Protection Authority by February 1 st of each year.

Policy Number	Strategic Action Policies: Spill Prevention, Spill Contingency or Emergency Response Plans
PC-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 drinking water sources with respect to spills that occur within a WHPA along highways, or railway lines, <ul style="list-style-type: none"> a. The County is 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 or rail lines. b. The Ministry of the Environment, Conservation and Parks is requested to provide mapping of the identified vulnerable areas to assist the Spills Action Centre in responding to reported spills along transportation corridors.

Policy Number	Strategic Action Policies: Transport Pathways
PC-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 within all vulnerable areas where there is or would be a significant drinking water threat.

Policy Number	Interpretation Policies
PC-CW-1.17 <i>Interpretation of Source Protection Plan</i>	<p>The Source Protection Plan provides policies to meet the objectives of the <i>Clean Water Act, 2006</i>. The Source Protection Plan consists of the written policy text and Schedules.</p> <ol style="list-style-type: none"> The Schedules in the Source Protection Plan identify the areas where the policies of the Source Protection Plan apply. The boundaries for the circumstances shown on the Plan Schedules are general. More detailed interpretation of the boundaries relies on the mapping in the approved Assessment Report and the Specific Circumstances found in the Tables of Drinking Water Threats, <i>Clean Water Act, 2006</i>. 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.

11.3 Policies Addressing Prescribed Drinking Water Threats

Threat 1.0 – The Establishment, Operation or Maintenance of a Waste Disposal Site within the meaning of Part V of the Environmental Protection Act

Policy Number	
PC-MC-2.1 <i>Existing/Future Prescribed Instr. WHPA-A-v.10</i>	<p>To ensure establishment, operation or maintenance of an existing or 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, 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 the Environment, Conservation and Parks shall prohibit this activity within the Environmental Compliance Approval process.</p>
PC-CW-2.2 <i>Existing/Future Part IV-Prohibit WHPA-A-v.10</i>	<p>To ensure the establishment, operation or maintenance of an existing or new 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, this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.</p>

Threat 2.0 – The Establishment, Operation or Maintenance of a System that Collects, Stores, Transmits, Treats, or Disposes of Sewage

Policy Number	
PC-CW-3.1. <i>Future Land Use Planning WHPA-A-v.10</i>	<p>To ensure future onsite sewage systems and onsite sewage system holding tanks never become significant drinking water threats, where such activities would be significant drinking water threats, the County and the Township shall amend its Official Plan to identify the significant drinking water threat areas and include direction that additional servicing constraints may be applied through municipal zoning bylaws. The uses, buildings and/or structures that would require a new onsite sewage system or onsite sewage system holding tank within identified significant drinking water threat areas and require those uses to be serviced by municipal services (Section 43(1)3.1 and 34(5) of the Planning Act) to ensure these activities never become significant drinking water threats.</p>
PC-MC-3.2 <i>Existing/Future Prescribed Instr.</i>	<p>To ensure the establishment of an existing or new onsite sewage system 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 or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the</p>

Policy Number	
<i>WHPA-A-v.10</i>	Ministry of the Environment, Conservation and Parks shall prohibit this activity within the Environmental Compliance Approvals process.
PC-MC-3.3. <i>Existing/Future Prescribed Instr. WHPA-A-v.10</i>	To ensure the establishment of an existing or new sewage treatment plant with effluent and/or bypass discharge or existing or new sewage treatment plant with sewage storage tanks cease to be or never become significant drinking water threat where these activities are, or would be significant drinking water threats, the Ministry of the Environment, Conservation and Parks shall prohibit these activities within the Environmental Compliance Approval process.
PC-MC-3.4 <i>Existing/Future Prescribed Instr. WHPA-A-v.10</i>	To ensure 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, Conservation and Parks shall review and, if necessary, amend Environmental Compliance Approvals to incorporate terms and conditions that, when implemented, will ensure that this activity ceases to be and/or never becomes a significant drinking water threat. The terms and conditions may include requirements for regular maintenance and inspections conducted by the proponent.
PC-MC-3.5. <i>Existing/Future Prescribed Instr. WHPA-A-v.10</i>	To ensure the establishment of an existing or new discharge from a stormwater management facility, 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 the Environment, Conservation and Parks shall prohibit this activity within the Environmental Compliance Approval process.

Threat 3.0 – The Application of Agricultural Source Material (ASM) to Land

Policy Number	
PC-CW-4.1. <i>Existing/Future Part IV-Prohibit WHPA-A-v.10</i>	To ensure the existing or new application and storage of agricultural source material on lands cease to be or never become significant drinking water threats, where these activities are, or 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.

Threat 6.0 – The Application of Non-Agricultural Source Material (NASM) to Land

Threat 7.0 – The Handling and Storage of Non-Agricultural Source Material (NASM)

Policy Number	
PC-MC-5.1. <i>Existing/Future Prescribed Instr. WHPA-A-v.10</i> <i>Applies only to the application of NASM containing material from a meat plant or sewage works</i>	To ensure the existing or new application of non-agricultural source material on lands 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 appropriate, shall prohibit these activities 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> .
PC-CW-5.2. <i>Existing/Future Part IV-Prohibit WHPA-A-v.10</i>	To ensure any existing or new handling and storage of non-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, this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.

Threat 8.0 – The Application of Commercial Fertilizer to Land

Policy Number	
PC-CW-6.1. <i>Existing/Future Part IV-Prohibit WHPA-A-v.10</i> <i>Does not currently apply in WHPA-A due to percent managed land and livestock density calculation</i>	To ensure the existing and 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 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.

Threat 9.0 – The Handling and Storage of Commercial Fertilizer

Policy Number	
PC-CW-7.1. <i>Existing/Future Part IV-Prohibit WHPA-A-v.10</i>	To ensure the existing or new storage of commercial fertilizer 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 therefore prohibited to ensure this activity never becomes a significant drinking water threat.

Threat 10.0 – The Application of Pesticide to Land

Policy Number	
PC-CW-8.1. <i>Existing/Future Part IV-Prohibit WHPA-A-v.10</i>	To ensure the existing or future application of pesticides within the meaning of Part I of the <i>Pesticide 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, this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.

Threat 11.0 – The Handling and Storage of Pesticide

Policy Number	
PC-CW-9.1. <i>Existing Part IV-RMP WHPA-A-v.10</i>	To ensure the existing handling and storage of pesticides within the meaning of Part I of the <i>Pesticide 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.
PC-CW-9.2. <i>Future Part IV-Prohibit WHPA-A-v.10</i>	To ensure any new handling and storage of pesticides within the meaning of Part I of the <i>Pesticide Act</i> , never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, as prescribed by the <i>Clean Water Act, 2006</i> , this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.

Threat 13.0 – The Handling and Storage of Road Salt

Policy Number	
PC-CW-10.1 <i>Existing/Future Part IV-Prohibit WHPA-A-v.10</i>	To ensure the existing or new handling and storage of road salt 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.

Threat 14.0 – The Storage of Snow

Policy Number	
PC-CW-11.1. <i>Existing</i> <i>Part IV-RMP</i> <i>WHPA-A-v.10</i>	To ensure any existing purpose-designed snow storage facility 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.
PC-CW-11.2. <i>Future</i> <i>Part IV-Prohibit</i> <i>WHPA-A-v.10</i>	To ensure any new purpose-designed snow storage facility never becomes a significant drinking water threat, where such an 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.

Threat 15.0 – The Handling and Storage of Fuel

Policy Number	
PC-CW-12.1. <i>Existing/Future</i> <i>Education & Outreach</i> <i>WHPA-A-v.10</i> <i>Monitoring</i>	To ensure the existing and future handling and storage of fuel of more than 250 Litres but not more than 2,500 Litres, where this activity is, or would be, a significant drinking water threat ceases to be or never becomes a significant drinking water threat, <ul style="list-style-type: none"> a. The Township of Perth East 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. b. The Township of Perth East shall document as part of their annual report to the Source Protection Authority the nature of any new education and outreach program established regarding fuel oil tanks, the number of persons contacted, and the location of the participants.
PC-CW-12.2. <i>Existing</i> <i>Part IV-RMP</i> <i>WHPA-A-v.10</i>	To ensure the existing handling and storage of liquid fuel, as defined in O.Reg. 217/01, of more than 2,500 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.
PC-CW-12.3. <i>Future</i> <i>Part IV-Prohibition</i> <i>WHPA-A-v.10</i>	To ensure any new handling and storage of liquid fuel, of more than 2,500 Litres 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. Notwithstanding this prohibition, fuel handling and storage required for emergency back-up generators within these vulnerable areas may be permitted subject to a Risk Management Plan in accordance with policy PC-CW-12.2.

Threat 16.0 – The Handling and Storage of a Dense Non-Aqueous Phase Liquid (DNAPL)

Policy Number	
PC-CW-13.1. <i>Existing</i> <i>Part IV-RMP</i> <i>WHPA-A-v.10</i>	To ensure the 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, 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.
PC-CW-13.2. <i>Future</i> <i>Part IV-Prohibit</i> <i>WHPA-A-v.10</i>	To ensure any new handling and storage of a of dense non-aqueous phase liquid for industrial, commercial institutional and agricultural purposes in 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.

Policy Number	
PC-CW-13.3. <i>Existing/Future Education & Outreach WHPA-B- v.6; WHPA-C- v.4</i>	To ensure the existing or new handling and storage of a of a dense non-aqueous phase liquid for industrial, commercial institutional and agricultural purposes within a WHPA-B or C, ceases to be or never becomes a significant drinking water threat, the Township of Perth East shall develop and implement an education and outreach program to encourage business and industry to utilize alternative products, where available and to use the proper disposal procedures for these products.

Threat 17.0 – The Handling and Storage of an Organic Solvent

Policy Number	
PC-CW-14.1. <i>Existing Part IV-RMP WHPA-A-v.10</i>	To ensure 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.
PC-CW-14.2. <i>Future Part IV-Prohibit WHPA-A-v.10</i>	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, this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.

Threat 18.0 – The Management of Runoff that Contains Chemicals Used in the De-icing of Aircraft

Policy Number	
PC-CW-15.1. <i>Future Part IV-RMP WHPA-A-v.10</i>	To ensure any new airport where there could be runoff containing de-icing chemicals, 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 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.

Threat 21.0 – The Use of Land as Livestock Grazing or Pasturing Land, an Outdoor Confinement Area or Farm-Animal Yard

Policy Number	
PC-CW-16.1. <i>Existing/Future Part IV-Prohibit WHPA-A-v.10</i>	To ensure the existing or new 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 would be significant drinking water threats, these activities shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.

Threat 22.0 – The Establishment and Operation of a Liquid Hydrocarbon Pipeline

Policy Number	
PC-NB-17.1 <i>Future Specify Action WHPA-A-v.10</i> <i>Monitoring</i>	<p>To reduce the risks to drinking water due to the establishment and operation of a liquid hydrocarbon 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>Canadian Energy Regulator Act</i> within a WHPA-A, the Canada Energy Regulator, Ontario Energy Board, and the pipeline proponent 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.</p> <p>The Source Protection Authority should document in the annual report the number of new pipelines proposed within vulnerable areas.</p>

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: PC-CW-1.1.1, PC-CW-1.1.2, PC-CW-1.2, PC-CW-1.3, PC-MC-1.4, PC-CW-3.1.

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: PC-CW-1.1.1, PC-CW-1.1.2, PC-MC-2.1, PC-MC-3.2, PC-MC-3.3, PC-MC-3.4, PC-MC-3.5, PC-MC-5.1

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: PC-CW-1.1.1, PC-CW-1.1.2, PC-CW-1.2, PC-CW-1.5, PC-CW-1.6, PC-CW-1.17, PC-CW-12.1a, PC-CW-13.3

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: PC-CW-1.9, PC-CW-1.10, PC-CW-1.11, PC-CW-1.12, PC-CW-1.13, PC-NB-17.1, PC-CW-12.1b

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, 2006.”

Content: PC-CW-1.1.1, PC-CW-1.1.2, PC-CW-1.2; PC-CW-2.2, PC-CW-4.1, PC-CW-5.2, PC-CW-6.1, PC-CW-7.1, PC-CW-8.1, PC-CW-9.2, PC-CW-10.1, PC-CW-11.2, PC-CW-12.3, PC-CW-13.2, PC-CW-14.2, PC-CW-16.1

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, 2006.”

Content: PC-CW-1.1.1, PC-CW-1.1.2, PC-CW-9.1, PC-CW-11.1, PC-CW-12.2, PC-CW-13.1, PC-CW-14.1, PC-CW-15.1

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 uses) of the *Clean Water Act*, 2006.”

Content: PC-CW-1.1.1, PC-CW-1.1.2, PC-CW-1.3

LIST J

Title: Strategic Action policies

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

Content: PC-NB-1.15, PC-NB-1.16

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: PC-NB-1.7, PC-NB-1.8, PC-NB-17.1.

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)

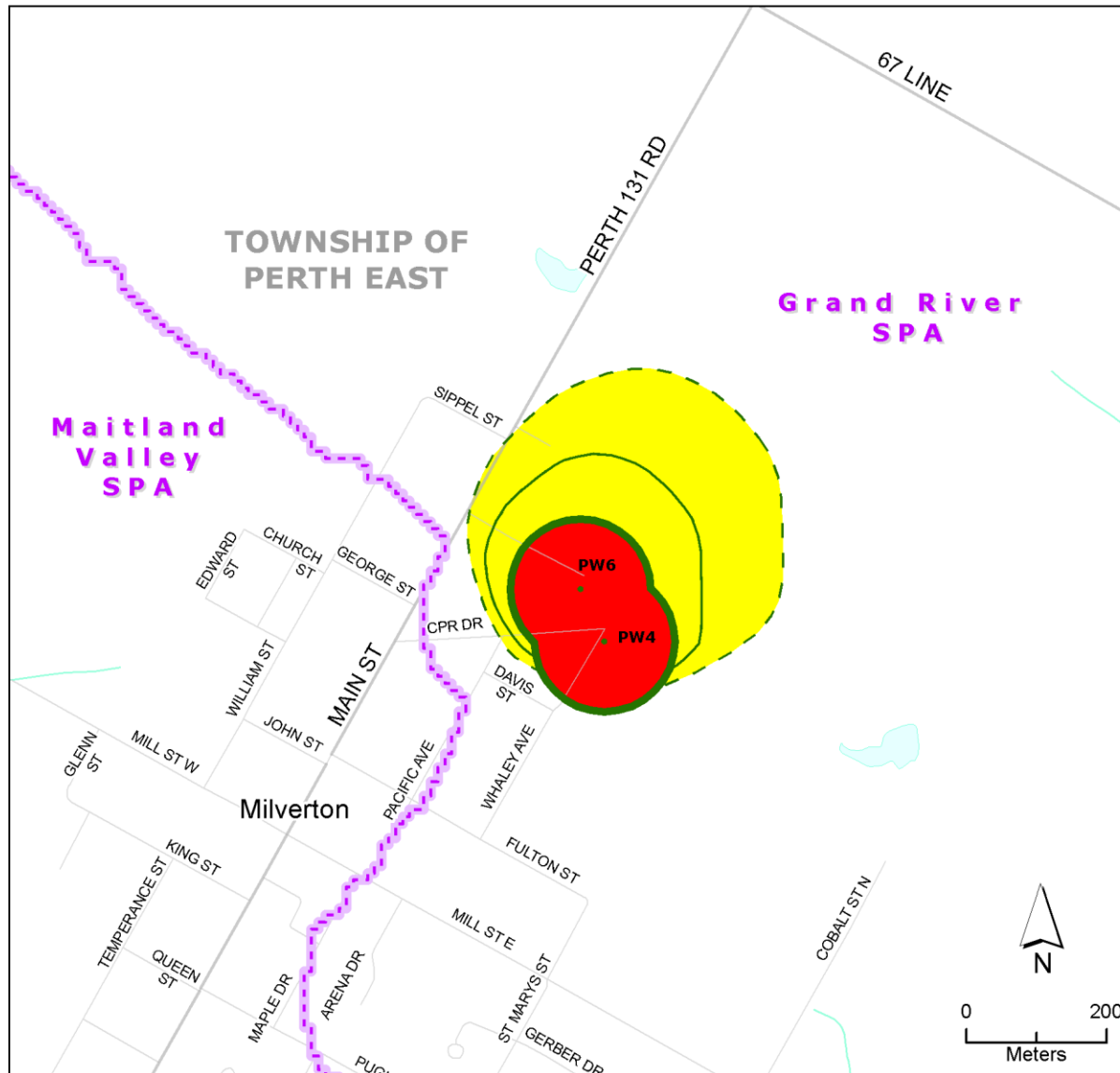
Policy #	Legal Effect	Environmental Protection Act	Nutrient Management Act	Ontario Water Resources Act
PC-CW-1.1.1	Comply With	Yes	Yes	Yes
PC-CW-1.1.2	Comply With	Yes	Yes	Yes
PC-MC-2.1	Must Conform	Yes	No	Yes
PC-MC-3.2	Must Conform	Yes	No	Yes
PC-MC-3.3	Must Conform	Yes	No	Yes
PC-MC-3.4	Must Conform	Yes	No	Yes
PC-MC-3.5	Must Conform	Yes	No	Yes
PC-MC-5.1	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 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)
PC-CW-1.1.1	Comply With	Yes	Yes	Yes	No	Yes	No	No
PC-CW-1.1.2	Comply With	Yes	Yes	Yes	No	Yes	No	No
PC-CW-1.2	Comply With	Yes	No	Yes	No	Yes	No	No
PC-CW-1.3	Comply With	Yes	No	No	No	Yes	No	No
PC-MC-1.4	Must Conform	Yes	No	No	No	No	No	No
PC-CW-1.5	Comply With	No	No	Yes	No	No	No	No
PC-CW-1.6	Comply With	No	No	Yes	No	No	No	No
PC-NB-1.7	Non-Binding	No	No	No	No	No	No	Yes
PC-NB-1.8	Non-Binding	No	No	No	No	No	No	Yes
PC-CW-1.9	Comply With	No	No	No	Yes	No	No	No
PC-CW-1.10	Comply With	No	No	No	Yes	No	No	No
PC-CW-1.11	Comply With	No	No	No	Yes	No	No	No
PC-CW-1.12	Comply With	No	No	No	Yes	No	No	No
PC-CW-1.13	Comply With	No	No	No	Yes	No	No	No
PC-CW-1.14	Comply With	No	No	No	Yes	No	No	No
PC-NB-1.15	Non-Binding	No	No	No	No	No	Yes	No
PC-NB-1.16	Non-Binding	No	No	No	No	No	Yes	No
PC-CW-1.17	Comply With	No	No	Yes	No	No	No	No
PC-MC-2.1	Must Conform	No	Yes	No	No	No	No	No

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 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)
PC-CW-2.2	Comply With	No	No	No	No	Yes	No	No
PC-CW-3.1	Comply With	Yes	No	No	No	No	No	No
PC-MC-3.2	Must Conform	No	Yes	No	No	No	No	No
PC-MC-3.3	Must Conform	No	Yes	No	No	No	No	No
PC-MC-3.4	Must Conform	No	Yes	No	No	No	No	No
PC-MC-3.5	Must Conform	No	Yes	No	No	No	No	No
PC-CW-4.1	Comply With	No	No	No	No	Yes	No	No
PC-MC-5.1	Must Conform	No	Yes	No	No	No	No	No
PC-CW-5.2	Comply With	No	No	No	No	Yes	No	No
PC-CW-6.1	Comply With	No	No	No	No	Yes	No	No
PC-CW-7.1	Comply With	No	No	No	No	Yes	No	No
PC-CW-8.1	Comply With	No	No	No	No	Yes	No	No
PC-CW-9.1	Comply With	No	No	No	No	Yes	No	No
PC-CW-9.2	Comply With	No	No	No	No	Yes	No	No
PC-CW-10.1	Comply With	No	No	No	No	Yes	No	No
PC-CW-11.1	Comply With	No	No	No	No	Yes	No	No
PC-CW-11.2	Comply With	No	No	No	No	Yes	No	No
PC-CW-12.1	Comply With	No	No	Yes	Yes	No	No	No
PC-CW-12.2	Comply With	No	No	No	No	Yes	No	No
PC-CW-12.3	Comply With	No	No	No	No	Yes	No	No
PC-CW-13.1	Comply With	No	No	No	No	Yes	No	No
PC-CW-13.2	Comply With	No	No	No	No	Yes	No	No
PC-CW-13.3	Comply With	No	No	Yes	No	No	No	No
PC-CW-14.1	Comply With	No	No	No	No	Yes	No	No
PC-CW-14.2	Comply With	No	No	No	No	Yes	No	No
PC-CW-15.1	Comply With	No	No	No	No	Yes	No	No
PC-CW-16.1	Comply With	No	No	No	No	Yes	No	No
PC-NB-17.1	Non-Binding	No	No	No	No	No	No	Yes

Schedule A: County of Perth, Township of Perth East, Milverton 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	█		
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 and Climate Change, and the text of this Source Protection Plan.
 *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 this plan for further details.

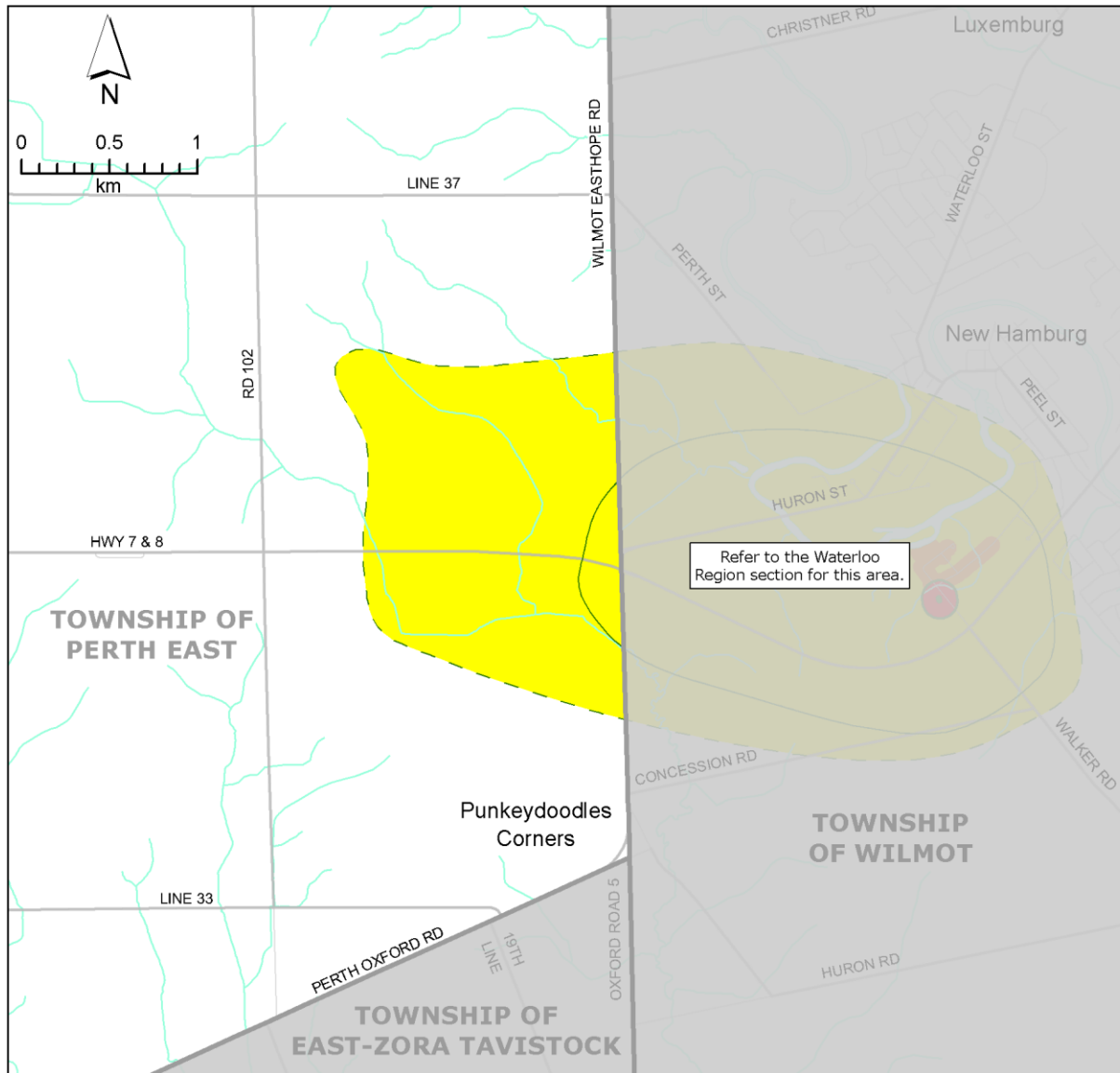
Wellhead Protection Zones:

- Well (Green dot)
- Road (Grey line)
- Minor River (Blue wavy line)
- Lake / Main River (Light blue area)
- Source Protection Area Boundary (Purple dashed line)
- WHPA-A (Thick green circle)
- WHPA-B (Thin green circle)
- WHPA-C (Dotted green circle)



- Updated February 6, 2019
- Larger scale mapping of some map layers, including roads and vulnerability scores, is available at 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.

Schedule B: County of Perth, Township of Perth East, Baden – New Hamburg 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
22. 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 Non-GUDI Wellhead Protection Zones on this map. For details refer to the Drinking Water Threats Tables from the Ministry of the Environment and Climate Change, and the text of this Source Protection Plan.
 *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 this plan for further details.

Legend:

- Well (Green dot)
- Main Road (Grey line)
- Minor River (Blue wavy line)
- Lake / Main River (Blue area)
- Upper Tier (Grey outline)
- Municipal Boundary (Black outline)

Wellhead Protection Zones:

- WHPA-A (Green circle)
- WHPA-B (Blue circle)
- WHPA-C (Blue circle)



1. Updated February 5, 2019
 2. Larger scale mapping of some map layers, including roads and vulnerability scores, is available at www.sourcewater.ca.
 3. This map is for illustrative purposes only. Information contained herein 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.