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7.0 COUNTY OF WELLINGTON

The following County of Wellington Source Protection Plan policies apply to the water supply systems located within the County of Wellington within the Grand River watershed and to vulnerable areas originating from other municipalities as presented in the following schedules. Reference shall be made to the City of Guelph, Regional Municipality of Waterloo and Regional Municipality of Halton policies for the portions of the water supply systems located within those jurisdictions.

- Schedule A: Township of Wellington North, Arthur Well Supply
- Schedule B: Township of Mapleton, Drayton Well Supply
- Schedule C: Township of Mapleton, Moorefield Well Supply
- Schedule D: Township of Centre Wellington, Index Map
- Schedule E: Centre Wellington Well Supply Map A
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- Schedule I: Township of Guelph/Eramosa, Index Map
- Schedule J: Township of Guelph/Eramosa Map A
- Schedule K: Township of Guelph/Eramosa Map B
- Schedule L: Township of Guelph/Eramosa Map C
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- Schedule N: Township of Guelph/Eramosa Map E
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- Schedule Q: Township of Erin, Groundwater Vulnerability Areas
- Schedule R: Township of Puslinch, Index Map
- Schedule S: Township of Puslinch Map A
- Schedule T: Township of Puslinch Map B
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- Schedule V: Town of Erin, Issue Contributing Areas
- Schedule W: Township of Centre Wellington, Issue Contributing Areas
- Schedule X: Township of Guelph/Eramosa, Issue Contributing Areas
- Schedule Y: Township of Puslinch, Issue Contributing Areas
- Schedule Z: County of Wellington, Intake Protection Zones

7.1 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 Wellington Source Protection Policies.

County – means the Corporation of the County of Wellington.

Existing – except where otherwise indicated in this Plan, existing means:

- a. A use, activity, building or structure at a location in a vulnerable area that is in compliance with all applicable regulations on the effective date of this Source Protection

- Plan, or at some point prior to the effective date of the Source Protection Plan with a demonstrated intent to continue; or
- b. An expansion of an existing use or activity, which may include a new building or structure to service the existing use or activity, where the expansion reduces the risk of contaminating drinking water; or
 - c. The expansion, replacement or alteration of an existing building or structure associated with a significant drinking water threat that does not increase the risk of contaminating drinking water; or
 - d. The conversion of an existing use to a similar use, provided it is demonstrated that the conversion will reduce the risk of contaminating drinking water.

New or Future – means not existing, as defined herein.

Municipality – means one or more of the seven lower tier municipalities located within the County, consisting of the Township of Guelph-Eramosa, Township of Centre Wellington, Town of Erin, Township of Mapleton, Township of Puslinch, Town of Minto, and the Township of Wellington North.

Stormwater Management Facility - means one or more of the following measures constructed to collect, control, infiltrate and / or discharge stormwater run-off.

- Stormwater management ponds (ie wet ponds)
- Dry or retention ponds
- Constructed wetlands
- Low impact development measures including, but not limited to, infiltration galleries / basins, soak away pits, pervious pipe (subsurface) and / or permeable pavement
- Infiltration trenches (open to surface) including but not limited to swales, vegetated strips
- Lot level infiltration measures used to infiltrate storm run-off from salt application areas. This excludes measures used solely to infiltrate roof run-off and water from foundation drains.

Salt Application Area – means the area where salt is applied to provide traction, ice or snow control including melting ice.

Salt – means any solid or liquid chloride-based chemical used to melt ice, provide traction and / or ice / snow control.

7.2 Wellington Source Protection Plan Policies

Policy Number	Source Protection Plan Policies within the County of Wellington
Transitional Policies and Implementation Timing	
WC-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 Registry of Ontario 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

Policy Number	Source Protection Plan Policies within the County of Wellington
	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 of Ontario.
WC-CW-1.1.2 <i>Implement. & Timing</i>	<p>Except as set out below, the policies contained in this Source Protection Plan shall come into effect on the date set out by the Minister.</p> <ol style="list-style-type: none"> For Section 57 of the <i>Clean Water Act, 2006</i>, if an activity was engaged in at a particular location before this Source Protection Plan takes 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 relevant policies within the Source Protection Plan takes effect; 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 takes effect and the Risk Management Official gives notice to a person who is engaged in the activity at that location, policies regarding regulated activities apply to the person who engages in the activity at that location on and after a date specified in the notice that is at least 120 days after the date the notice is given; 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; Where the Source Protection Policies require the municipality 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. For Sections 43 of the <i>Clean Water Act, 2006</i>, 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; and, For Section 40 and 42 of the <i>Clean Water Act, 2006</i>, 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 or the next Official Plan review required under Section 26 of the <i>Planning Act</i> and the Zoning By-law within two (2) years from adoption of the Official Plan conformity amendment.
WC-CW-1.2 <i>Transition</i>	<p>For the purposes of this Plan, where one or more of the following:</p> <ol style="list-style-type: none"> A complete application for development under the <i>Planning Act</i> or <i>Condominium Act</i>, An application for Environmental Compliance Approval; or 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 may be considered as existing and 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>
Uses and Areas Designated as Restricted Land Use	
WC-CW-1.3	In accordance with Section 59 of the <i>Clean Water Act, 2006</i> , all land uses, except solely residential uses, where significant drinking water threat activities have been

Policy Number	Source Protection Plan Policies within the County of Wellington
<p><i>Part IV- RLU</i></p>	<p>designated for the purposes of Sections 57 and 58 of the <i>Clean Water Act, 2006</i> are hereby designated as Restricted Land Uses and a written notice from the Risk Management Official shall be required prior to approval of any Building Permit, <i>Planning Act</i> or <i>Condominium Act</i> application.</p> <p>Despite the above policy, a Risk Management Official may issue written direction specifying the situations under which a planning authority or Chief Building Official may be permitted to make the determination that a site specific land use is, or is not, that a site specific land use is not designated for the purposes of section 59. Where such direction has been issued, a site specific land use that is the subject of an application for approval under the <i>Planning Act</i> or for a permit under the <i>Building Code Act</i> is not designated for the purposes of Section 59, provided that the planning authority or Chief Building Official, as applicable, is satisfied that:</p> <ol style="list-style-type: none"> a. The application complies with the written direction issued by the Risk Management Official; and b. The applicant has demonstrated that a significant drinking water threat activity designated for the purposes of section 57 or 58 will not be engaged in, or will not be affected by the application. <p>Where the Risk Management Official has provided written direction designating a land use for the purpose of section 59, a written Notice from the Risk Management Official shall be required prior to approval of any Building Permit under the <i>Building Code Act, 1992</i> as amended, in addition to <i>Planning Act</i> and <i>Condominium Act</i> applications in accordance with Section 59 of the <i>Clean Water Act, 2006</i>.</p>
<p>Official Plan and Zoning By-law Amendment(s) Policies</p>	
<p>WC-MC-1.4</p> <p><i>Future Land Use Planning</i></p>	<p>The County and/or municipality shall amend, as required, their Official Plan and Zoning By-Laws to:</p> <ol style="list-style-type: none"> a. Identify the vulnerable areas in which drinking water threats prescribed under the <i>Clean Water Act, 2006</i> would be significant; b. Indicate that within the areas identified, any use or activity that is, or would be, a significant drinking water threat is required to conform with all applicable Source Protection Plan policies and, as such, may be prohibited, restricted or otherwise regulated by those policies; c. Incorporate any other amendments required to conform with the threat specific land use policies identified in this Source Protection Plan.
<p>Education and Outreach Programs</p>	
<p>WC-CW-1.5</p> <p><i>Existing/Future Education & Outreach</i></p>	<p>The municipality, 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 threat prescribed under the <i>Clean Water Act, 2006</i>, where such programs are deemed necessary and/or appropriate by the municipality and subject to available funding. Such programs may include, but not necessarily be limited to, increasing awareness and understanding of significant drinking water threats and promotion of best management practices.</p>
<p>Incentive Programs</p>	
<p>WC-CW-1.6</p> <p><i>Existing/Future Incentive</i></p>	<p>The County and/or municipality, in collaboration with other bodies and levels of government wherever possible, may develop and implement incentive programs directed at various significant threat activities and/or condition sites prescribed under the <i>Clean Water Act, 2006</i>, where such programs are deemed necessary and/or appropriate by the County and/or municipality, subject to available funding.</p>

Policy Number	Source Protection Plan Policies within the County of Wellington
WC-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 to protect existing and future drinking water sources and address significant drinking water threats under the Ontario Drinking Water Stewardship Program and Rural Water Quality Program.
WC-NB-1.8 <i>Existing/Future 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"> The application of agricultural source material to land; The storage of agricultural source material; and, The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard.
Annual Reporting	
WC-CW-1.9 <i>Monitoring</i>	The municipality and / or 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. Where the municipality and / or 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 must indicate, at minimum, the properties where these programs were implemented and additional details on how the significant drinking water threat was managed and/or ceased to be significant.
WC-CW-1.10 <i>Monitoring</i>	Where the County and/or municipality is required to amend their Official Plan and/ 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, and shall provide a copy of such compliance within 30 days of adoption of the amendment(s) by County and/or municipal Council or, where the matter has been appealed to the Ontario Municipal Board, the date of their decision to approve.
WC-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 by the Risk Management Official to implement the Source Protection Plan policies, in accordance with the <i>Clean Water Act, 2006</i> and associated regulations.
WC-CW-1.12 <i>Monitoring</i>	Where the Source Protection Plan policies may result in amendments to a Prescribed Instrument or the issuance of a new Prescribed Instrument, the applicable ministry shall provide a summary of the actions taken the previous year to implement the policies and provide a written report summarizing this information to the Source Protection Authority by February 1 st of each year.
WC-CW-1.13 <i>Monitoring</i>	Where the Source Protection Plan policies prohibit an activity that results in the denial of a Prescribed Instrument, the applicable ministry shall summarize the actions taken the previous year to implement the policies and provide a written report summarizing this information to the Source Protection Authority by February 1 st of each year.

Policy Number	Source Protection Plan Policies within the County of Wellington
WC-CW-1.14 <i>Monitoring</i>	The municipality shall provide a report to the Source Protection Authority, by February 1 st , of each year, for the wells within its jurisdiction. This report shall summarize the actions taken the previous year year to assess the chloride concentrations related to Municipal Well E3 in Elora and Municipal Well F1 in Fergus and / or sodium and chloride concentrations related to Station Street Wells 1 and 2 in Rockwood, including recommendations for further study or monitoring, if required. The report shall include a conclusion on whether the chloride concentrations should be a are a described issue in accordance with the <i>Clean Water Act</i> and technical rules.
Conditions	
WC-MC-1.16 <i>Existing Prescribed Instr. Condition Sites Identified</i>	To address conditions resulting from past activities that are significant drinking water threats, the Ministry of the Environment, Conservation and Parks shall <ul style="list-style-type: none"> a. Ensure that all Prescribed Instruments issued for Condition sites include terms and conditions, as appropriate, to ensure that the risk to drinking water sources is managed. Appropriate conditions may include requirements for source control, remediation to provincial standards, monitoring and Contaminant Management Plans; b. Ensure that Prescribed Instruments include a condition requiring the instrument holder to report on the actions taken and the status of the site to the Ministry of Environment, Conservation and Parks, Source Protection Authority and the municipality on an annual basis; and c. Provide to the County and/or municipality a copy of the new or revised Prescribed Instrument.
WC-NB-1.17 <i>Existing Specify Action Condition Sites Identified</i>	To address Conditions resulting from past activities that are significant drinking water threats, the Ministry of the Environment, Conservation and Parks should prioritize abatement activities on Conditions Sites located within the Wellhead Protection Area A, Wellhead Protection Area B and Issues Contributing Areas.
WC-NB-1.18 <i>Existing Specify Action Condition Sites Identified</i> <i>Monitoring</i>	To address conditions resulting from past activities that are significant drinking water threats the Ministry of Environment, Conservation and Parks and the County and/or municipality: <ul style="list-style-type: none"> a. Shall meet at a minimum frequency of once a calendar year every six months for the purpose of mutually sharing information on Condition sites; b. Should mutually share information related, as appropriate, to technical investigations or remediation, technical data, actions taken by Ministry of Environment, Conservation and Parks or by the County and/or municipality, inspections, other relevant information; and c. Should develop an Information-Sharing Process document including requirements, if any, for meeting agendas, participants, the nature and format for the types of information to be mutually shared, and the Information-Sharing Process document should be developed within six months from the date the Source Protection Plan takes effect.
Strategic Action	
Spill Prevention, Spill Contingency or Emergency Response Plans	
WC-NB-1.19. <i>Existing/Future Specify Action</i>	To ensure spill prevention plans, contingency plans, and emergency response plans are updated for the purpose of protecting municipal drinking water sources with respect to spills that occur within a WHPA or IPZ along highways, or railway lines:

Policy Number	Source Protection Plan Policies within the County of Wellington
	<ul style="list-style-type: none"> a. The County and/or Municipality is requested to incorporate the location of WHPAs and IPZs into their emergency response plans in order to protect municipal drinking water sources when a spill occurs along highways or rail lines; and 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.
Transport Pathways	
WC-NB-1.20 <i>Existing/Future Specify Action</i>	To achieve the intent of the <i>Clean Water Act, 2006</i> , significant drinking water threats identified in the vicinity of a transport pathway shall be managed to reduce the risk to municipal drinking water sources such that they do not become a significant threat and that a pathway reduces the risk to the source water of a municipal water supply. The County and/or municipality are requested to support ongoing programs which encourage the decommissioning of abandoned wells as per O. Reg. 903 within all WHPA-A and IPZ-1 One areas where there is or would be a significant drinking water threat.
Prescribed Instruments	
WC-MC-1.21 <i>Existing/Future Prescribed Instr.</i>	Any Prescribed Instrument issued under the Nutrient Management Act that is created or amended or is used for the purposes of obtaining an exemption from a Risk Management Plan under section 61 of O. Reg. 287/07 shall incorporate terms and conditions that, when implemented, manage the activities they regulate such that those activities cease to be or never become, a significant drinking water threat. OMAFRA is expected to review all Prescribed Instruments issued under the Nutrient Management Act in areas where the activities they regulate are, or would be, significant drinking water threats to ensure the Prescribed Instruments contain such terms and conditions, including the Prescribed Instruments that are not directly created or issued by OMAFRA, such as Nutrient Management Plans.
WC-NB-1.22 <i>Existing/Future Specify Action</i>	OMAFRA, and other creators/issuers of Prescribed Instruments under the Nutrient Management Act, are expected to consult with the Risk Management Official with respect to any modifications or requirements that may need to be incorporated into such Prescribed Instruments to ensure the activities they regulate cease to be or never become significant drinking water threats.
Interpretation	
WC-CW-1.23 <i>Interpretation of Source Protection Plan</i>	The Source Protection Plan provides policies to meet the objectives of the <i>Clean Water Act, 2006</i> . The Source Protection Plan consists of the written policy text and Schedules. <ul style="list-style-type: none"> a. The Schedules in the Source Protection Plan identify the areas where the policies of the Source Protection Plan apply. The boundaries for the circumstances shown on the Plan Schedules are general. More detailed interpretation of the boundaries relies on the mapping in the approved Assessment Report and the Specific Circumstances found in the Tables of Drinking Water Threats, <i>Clean Water Act, 2006</i>. 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

Policy Number	Source Protection Plan Policies within the County of Wellington
	also applicable to any policy statement, regulation or guideline issued by the Province or the municipality.

7.3 Policies Addressing Prescribed Drinking Water Threats

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the County of Wellington
1. Establishment, Operation or Maintenance of a Waste Disposal Site, within the Meaning of Part V of the <i>Environmental Protection Act</i>	
WC-MC-2.1 <i>Existing Prescribed Instr.</i> WHPA-A-v.10; WHPA-B-v.10; WHPA-B-v.8; WHPA-C-v.8; IPZ-1-v.10	To ensure an existing waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> that is subject to an Environmental Compliance Approval, ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, as prescribed by the <i>Clean Water Act, 2006</i> , the Ministry of the Environment, Conservation and Parks shall review and, if necessary, amend Environmental Compliance Approvals to ensure that terms and conditions are incorporated that, when implemented, ensure that the activity ceases to be a significant drinking water threat.
WC-CW-2.2 <i>Existing Part IV-RMP</i> WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.10	To ensure an existing waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> which does not require an Environmental Compliance Approval, ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, as prescribed by the <i>Clean Water Act, 2006</i> , this activity is designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan is required.
WC-MC-2.3. <i>Future Prescribed Instr.</i> WHPA-A-v.10; WHPA-B-v.10; WHPA-B-v.8; WHPA-C-v.8; IPZ-1-v.10	To ensure the establishment, operation or maintenance of a new waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> that is subject to an Environmental Compliance Approval, never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, as prescribed by the <i>Clean Water Act, 2006</i> , the Ministry of the Environment, Conservation and Parks shall prohibit these activities within the Environmental Compliance Approvals process.
WC-CW-2.4. <i>Future Part IV-RMP</i> WHPA-A-v.10 WHPA-B-v.10; IPZ-1-v.10;	To ensure the establishment, operation or maintenance of a 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, never becomes a significant drinking water threat, where this activity is or would be a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
2. Establishment, Operation or Maintenance of a System That Collects, Stores, Transmits, Treats or Disposes of Sewage	
Sewage System or Sewage Works – Onsite Sewage Systems and Onsite Sewage System Holding Tank	
WC-CW-3.1 <i>Existing/Future Specify Action</i> WHPA-A-v.10; WHPA-B-v.10;	To ensure existing or new onsite sewage systems and onsite holding tanks with a design flow of less than or equal to 10,000 Litres per day and subject to approval under the <i>Ontario Building Code Act</i> or the <i>Ontario Water Resources Act</i> within a WHPA-A or WHPA-B with a vulnerability score equal to ten (10) or IPZ-1 One or Nitrate ICA, cease to be or never become a significant drinking water threat, where

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the County of Wellington
<p><i>IPZ-1-v.10; ICA (NIT)</i></p>	<p>this activity is or would be a significant drinking water threat, the municipality shall implement an on-site sewage system maintenance inspection program. Inspections shall be prioritized based on the proximity to the drinking water supply.</p>
<p>WC-CW-3.2</p> <p><i>Existing/Future Education & Outreach WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.10; ICA (NIT/SOD/CHL)</i></p>	<p>To ensure existing or new onsite sewage systems and onsite holding tanks with a design flow of less than or equal to 10,000 Litres per day and subject to approval under the <i>Ontario Building Code Act</i> or the <i>Ontario Water Resources Act</i> within a WHPA-A or B with a vulnerability score equal to ten (10), IPZ-1-One, or Nitrate, Sodium or Chloride-ICA, cease to be or never become a significant drinking water threat, where this activity is or would be a significant drinking water threat, the municipality shall develop and implement an education initiative about small onsite sewage systems and holding tanks. The education program shall encourage the use of beneficial management practices that reduce the impact on groundwater.</p>
<p>WC-MC-3.3</p> <p><i>Existing/Future Prescribed Instr. WHPA-A-v.10; WHPA-B-v.10; IPZ-v.10; ICA(NIT/SOD/CHL)</i></p>	<p>To ensure existing or future onsite sewage systems with a design flow of greater than 10,000 Litres per day and regulated under the <i>Ontario Water Resources Act</i> 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, ensure that the activity ceases to be or never becomes a significant drinking water threat.</p> <p>The terms and conditions may include, as appropriate, requirements for the proponent/applicant to undertake mandatory monitoring of groundwater impacts, contingencies in the event that drinking water quality is adversely affected, regular and ongoing compliance monitoring, mandatory system inspections at least every five (5) years, and upgrading of these onsite sewage systems to current standards, if necessary.</p> <p>In addition, the terms and conditions may include the proponent/applicant to provide annual reporting to the Source Protection Authority and Municipality of any monitoring and inspection programs required and their results.</p>
<p>Sewage System or Sewage Works – Sewage Works Storage - Treatment or Holding Tanks Sewage System or Sewage Works - Sewage Treatment Plant Effluent Discharges (Includes Lagoons) Sewage System or Sewage Works – Sewage Treatment Plant By-Pass Discharge to Surface Water</p>	
<p>WC-MC-3.4</p> <p><i>Future Prescribed Instr. WHPA-A-v.10; WHPA-B-v.10; WHPA-B-v.8; WHPA-C-v.8; IPZ-1_v.10; ICA(NIT/TCE/CHL)</i></p>	<p>To ensure the establishment of new sewage treatment plants with effluent and/or bypass discharge or new sewage treatment plants with sewage storage tanks never becomes a significant drinking water threat, where these activities would be a significant drinking water threat, the Ministry of the Environment, Conservation and Parks shall prohibit these activities within the Environmental Compliance Approvals process. This policy does not apply to the expansion, modification, optimization, re-rating, operation, maintenance or replacement of existing sewage treatment plants.</p>
<p>Sewage System or Sewage Works – Sanitary Sewers and Related Pipes Sewage System or Sewage Works – Industrial Effluent Discharge Sewage System or Sewage Works – Sewage Storage – Treatment or Holding Tanks Sewage System or Sewage Works – Sewage Treatment Plan Effluent Discharges (includes Lagoons)</p>	
<p>WC-MC-3.5</p> <p><i>Existing/ Future Prescribed Instr.</i></p>	<p>For any-To ensure existing or new sanitary sewers and related pipes, industrial effluent discharge, treatment or holding tanks and / or existing sewage treatment plants cease to be or never become a significant drinking water threat, where these</p>

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the County of Wellington
WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.10; ICA(NIT/CHL)	<p>activities are, 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 these activities cease to be or never become a significant drinking water threat.</p> <p>The terms and conditions may include requirements for regular maintenance, monitoring and inspections conducted by the proponent.</p>
Sewage System or Sewage Works – Industrial Effluent Discharge Sewage System or Sewage Works – Combined Sewer Discharge from a Stormwater Outlet to Surface Water	
WC-MC-3.6 <i>Future Prescribed Instr.</i> IPZ-1-v.10	<p>To ensure new industrial effluent discharge to surface water or combined sewer discharge from a stormwater outlet within an IPZ One (1), 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 within the Environmental Compliance Approvals process.</p>
Sewage System or Sewage Works – Discharge from a Stormwater Management Facility	
WC-MC-3.7 <i>Existing/Future Prescribed Instr.</i> WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.10; ICA(NIT/CHL)	<p>For any To ensure an existing or new stormwater management facility that discharges stormwater ceases to be or never becomes a significant drinking water threat, where this activity is or would be a significant drinking water threat, as prescribed by the <i>Clean Water Act, 2006</i>, the Ministry of the Environment, Conservation and Parks shall review and, if necessary, amend Environmental Compliance Approvals to incorporate terms and conditions (for example, regular maintenance) that, when implemented, will ensure that this activity ceases to be or never becomes a significant drinking water threat.</p> <p>The terms and conditions may include requirements for regular maintenance, monitoring and inspections conducted by the proponent.</p>
WC-CW-3.8 <i>Existing/Future Part IV – RMP</i> ICA (CHL)	<p>To ensure any existing or new stormwater management facility ceases to be or never becomes a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i>, and a Risk Management Plan shall be required where the following applies:</p> <ul style="list-style-type: none"> a) where the activity is or would be a significant drinking water threat b) the stormwater management facility is located within a Chloride Issues Contributing Area; and c) the stormwater management facility does not require an Environmental Compliance Approval.
3. The Application of Agricultural Source Material to Land	
WC-CW-4.1 <i>Existing/Future Part IV-Prohibit</i> WHPA-A-v.10; IPZ-1-v.10	<p>To ensure the existing or future application of agricultural source material to land within a WHPA-A or IPZ One (1), ceases to be or 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.</p>
WC-CW-4.2 <i>Existing/Future Part IV-RMP</i>	<p>To ensure the existing or future application of agricultural source material to land not phased-in under the Nutrient Management Act within a WHPA-B with a vulnerability score equal to ten (10), or a Nitrate ICA outside of a WHPA-A, ceases to be or never becomes a significant drinking water threat, this activity shall be designated for the</p>

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<p>WHPA-B-v.10 ICA (NIT)</p>	<p>purpose of Section 58 of the <i>Clean Water Act, 2006</i> 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 <i>Nutrient Management Act</i>, but may also include any modifications or additional requirements deemed necessary or appropriate by the Risk Management Official.</p>
<p>WC-MC-4.3</p> <p>Existing/Future Prescribed Instr. WHPA-B-v.10</p>	<p>To ensure the existing or future application of agricultural source material to land with an existing, or requiring, a Nutrient Management Plan or Strategy in accordance with the <i>Nutrient Management Act</i> within a WHPA-B with a vulnerability score equal to ten (10), ceases to be or never becomes a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs shall review and, if necessary, amend the Nutrient Management Plan/Strategy to ensure that such Plan/Strategy incorporates measures and/or terms and conditions deemed necessary to ensure this activity ceases to be or never becomes a significant drinking water threat.</p>
<p>3. The Application of Agricultural Source Material 4. The Storage of Agricultural Source Material</p>	
<p>WC-CW-4.4</p> <p>Existing/Future Education & Outreach ICA (NIT) (Outside WHPA-A & WHPA B-v.10)</p>	<p>To ensure the existing or future application and storage of agricultural source material within a Nitrate ICA outside of a WHPA-A or B with a vulnerability score equal to ten (10), ceases to be or never becomes a significant drinking water threat, the municipality shall develop and implement an education initiative about the application and storage of agricultural source material. The education program shall encourage the use of beneficial management practices that reduce the impact on groundwater.</p>
<p>4. The Storage of Agricultural Source Material</p>	
<p>WC-CW-5.1</p> <p>Future Part IV-Prohibit WHPA-A-v.10; IPZ-1-v.10</p>	<p>To ensure any new storage of agricultural source material on lands within a WHPA-A or IPZ-1 One with a vulnerability score equal to ten (10), never becomes a significant drinking water threat, this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.</p>
<p>WC-CW-5.2</p> <p>a) Existing Part IV-RMP WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.10</p> <p>b) Future Part IV-RMP WHPA-B-v.10 ICA (NIT)</p>	<p>To ensure:</p> <ol style="list-style-type: none"> any existing storage of agricultural source material on lands not phased-in under the Nutrient Management Act where this activity is a significant drinking water threat, within a WHPA-A or WHPA-B with a vulnerability score equal to ten (10) or IPZ-1 One (1) or a Nitrate ICA; or the future storage of agricultural source material on lands not phased-in under the Nutrient Management Act within a WHPA-B with a vulnerability score equal to ten (10) or a Nitrate ICA outside of a WHPA-A, <p>ceases to be or never becomes a significant drinking water threat, this activity is designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan is required. The requirements of the Risk Management Plan will generally be based on the requirements of a nutrient management plan and/or strategy under the <i>Nutrient Management Act</i>, but may also include any modifications or additional requirements deemed necessary or appropriate by the Risk Management Official.</p>
<p>WC-MC-5.3</p> <p>a) Existing</p>	<p>To ensure:</p> <ol style="list-style-type: none"> any existing storage of agricultural source material on lands phased-in under the <i>Nutrient Management Act</i> where this activity is a significant drinking water

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<p><i>Prescribed Instr.</i> WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.10</p> <p>b) <i>Future Prescribed Instr.</i> WHPA-B-v.10</p>	<p>threat, as prescribed by the <i>Clean Water Act, 2006</i>; within a WHPA-A or WHPA-B with a vulnerability score equal to ten (10) or IPZ-One (1); or</p> <p>b. the future storage of agricultural source material on lands phased-in under the <i>Nutrient Management Act</i> within a Wellhead Protection Area WHPA-B with a vulnerability score equal to ten (10),</p> <p>ceases to be or never becomes a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs shall review and, if necessary, amend the Nutrient Management Plan/Strategy to ensure that such Plan/Strategy incorporates measures and/or terms and conditions deemed necessary to ensure that the activity ceases to be or never becomes a significant drinking water threat.</p>
6. The Application of Non-Agricultural Source Material (NASM)	
<p>WC-MC-6.1</p> <p><i>Existing/Future Prescribed Instr.</i> WHPA-A-v.10; IPZ-1-v.10</p> <p><i>In the Moorefield, Drayton, Fergus and Guelph well systems this policy only applies to the application of NASM from a meat plant or sewage works</i></p>	<p>To ensure the existing and or future application of non-agricultural source material to lands within a WHPA-A or IPZ-One (1), ceases to be or never becomes a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs or the Ministry of Environment, Conservation and Parks as applicable, shall revoke or not approve, any Non-Agricultural Source Material (NASM) Plan in accordance with the <i>Nutrient Management Act</i>, or any Environmental Compliance Approval in accordance with the <i>Environmental Protection Act</i>, that permits, or would permit, the application of non-agricultural source material within vulnerable areas where it is, or would be, a significant drinking water threat.</p>
<p>WC-MC-6.2</p> <p><i>Existing Prescribed Instr.</i> WHPA-B-v.10 ICA(NIT) (Outside WHPA-A-v.10)</p> <p><i>In the Moorefield, Drayton, Fergus and Guelph well systems this policy only applies to the application of NASM from a meat plant or sewage works</i></p>	<p>To ensure the existing application of non-agricultural source material to lands within a WHPA-B with a vulnerability score equal to ten (10) and/or a Nitrate ICA outside of a WHPA-A, ceases to 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 review and, if necessary, amend the required Non-Agricultural Source Material (NASM) Plan in accordance with the <i>Nutrient Management Act</i>, or an Environmental Compliance Approval in accordance with the <i>Environmental Protection Act</i>, to ensure that such Plans/Compliance Approvals incorporate measures and/or terms and conditions deemed necessary to ensure this activity ceases to be a significant drinking water threat.</p>
7. The Handling and Storage of Non-Agricultural Source Material (NASM)	
<p>WC-MC-7.1</p> <p>a) <i>Existing Prescribed Instr.</i> WHPA-A-v.10; WHPA-B-v.10; ICA(NIT); IPZ-1-v.10</p> <p>b) <i>Future Prescribed Instr.</i> WHPA-B-v.10; ICA(NIT) (Outside WHPA-A-v.10)</p>	<p>To ensure:</p> <p>a. any existing handling and storage of non-agricultural source material on lands where this activity is a significant drinking water threat, as prescribed by the <i>Clean Water Act, 2006</i>; or</p> <p>b. any new storage of non-agricultural source material on lands within a WHPA-B with a vulnerability score equal to ten (10) or a Nitrate ICA but outside of a WHPA-A,</p> <p>cease to be or never become 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 Non-Agricultural Source Material (NASM) Plan in accordance with the <i>Nutrient</i></p>

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	<p><i>Management Act</i>, or an Environmental Compliance Approval in accordance with the <i>Environmental Protection Act</i>, to ensure that such Plans/Compliance Approvals incorporate measures and/or terms and conditions deemed necessary to ensure the activity ceases to be or never becomes a significant drinking water threat.</p>
<p>WC-CW-7.2 <i>Future Part IV-Prohibit WHPA-A-v.10; IPZ-1-v.10</i></p>	<p>To ensure any new handling and storage of non-agricultural source material within a WHPA-A or IPZ One (1), 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.</p>
<p>8. The Application of Commercial Fertilizer to Land</p>	
<p>WC-CW-8.1 <i>Existing/Future Part IV-Prohibit. WHPA-A-v.10; IPZ-1-v.10</i></p> <p><i>Currently does not apply to the application of commercial fertilizer in the Moorefield, Drayton, Fergus, Rockwood, Hamilton Drive or Guelph well systems due to managed land and livestock density calculations</i></p>	<p>To ensure the existing or future application of commercial fertilizer to agricultural and non-agricultural land (excluding an individual for personal or family use) within a WHPA-A or IPZ One (1), ceases to be or 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.</p>
<p>WC-MC-8.2. <i>Existing/Future Prescribed Instr. WHPA-B-v.10;</i></p> <p><i>Currently does not apply to the application of commercial fertilizer in the Arthur, Moorefield, Drayton, Eora, Fergus, or Guelph well systems due to managed land and livestock density calculations</i></p>	<p>To ensure the existing or future application of commercial fertilizer to land with an existing or requiring a Nutrient Management Plan or Strategy in accordance with the <i>Nutrient Management Act</i> within a WHPA-B with a vulnerability score equal to ten (10), ceases to be or never becomes a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs shall review and, if necessary, amend the Nutrient Management Plan/Strategy to ensure that such Plan/Strategy incorporates measures and/or terms and conditions deemed necessary to ensure that this activity ceases to be or never becomes a significant drinking water threat.</p>
<p>WC-CW-8.3. <i>Existing/Future Part IV-RMP WHPA-B-v.10 ICA (NIT)</i></p> <p><i>Currently does not apply to the application of commercial fertilizer in the Arthur, Moorefield, Drayton, Eora, Fergus, or</i></p>	<p>To ensure the existing or future application of commercial fertilizer to non-agricultural lands (excluding an individual for personal or family use) or agricultural land not phased-in under the Nutrient Management Act within a WHPA-B with a vulnerability score equal to ten (10); or a Nitrate ICA outside of a WHPA-A ceases to be or never becomes a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.</p>

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<i>Guelph-well systems due to managed land and livestock density calculations</i>	
8. The Application of Commercial Fertilizer to Land 9. The Handling and Storage of Commercial Fertilizer	
<p>WC-CW-8.4</p> <p><i>Existing/ Future Education & Outreach</i> WHPA-A-v.10; WHPA-B-v.10; ICA(NIT); IPZ-1-v.10</p> <p><i>Currently does not apply to the application of commercial fertilizer in the Moorefield, Drayton, or Fergus well systems due to managed land and livestock density calculations</i></p>	<p>To ensure the existing and future application or storage of commercial fertilizer ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the Municipality shall develop and implement an education and outreach program targeted towards:</p> <ol style="list-style-type: none"> An individual for personal or family use to promote timely fertilizer application and best management practices in urban settings; and Agricultural lands and non-agricultural lands to promote best management practices to safeguard water supplies from drinking water threats.
9. The Handling and Storage of Commercial Fertilizer	
<p>WC-CW-9.1</p> <p><i>a) Existing</i> Part IV-RMP WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.10; ICA (NIT)</p> <p><i>b) Future</i> Part IV-RMP WHPA-B-v.10 ICA (NIT)</p>	<p>To ensure:</p> <ol style="list-style-type: none"> any existing handling and storage of more than 2,500 kilograms of commercial fertilizer as defined in O. Reg. 267/03 where this activity is a significant drinking water threat, within a WHPA-A or WHPA-B with a vulnerability score equal to ten (10), an IPZ One (1), or a Nitrate ICA or the future handling and storage of more than 2,500 kilograms of commercial fertilizer as defined in O. Reg. 267/03 within a WHPA-B with a vulnerability score equal to ten (10) a Nitrate ICA outside of a WHPA-A, <p>ceases to be or never becomes a significant drinking water threat, this activity is designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan is required.</p>
<p>WC-CW-9.2</p> <p><i>Future</i> Part IV-Prohibit WHPA-A-v.10; IPZ-1-v.10</p>	<p>To ensure the handling and storage of commercial fertilizer greater than 2,500 kilograms of commercial fertilizer as defined in O. Reg. 267/03 within a WHPA-A and IPZ One (1), 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.</p>
10. The Application of Pesticide to Land	
<p>WC-CW-10.1</p> <p><i>Existing/Future</i> Part IV-RMP WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.10</p>	<p>To ensure the existing or future application of pesticides within the meaning of Part I of the <i>Pesticide Act</i> on lands greater than one (1) hectare ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.</p>
11. The Handling and Storage of Pesticides	

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WC-CW-11.1 <i>a) Existing Part IV-RMP WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.10</i> <i>b) Future Part IV-RMP WHPA-B-v.10</i>	To ensure: <ol style="list-style-type: none"> a. any existing handling and storage of pesticides within the meaning of Part I of the <i>Pesticide Act</i> where this activity is a significant drinking water threat; or b. the future handling and storage pesticides within the meaning of Part I of the <i>Pesticide Act</i> within WHPA-B with a vulnerability score equal to ten (10), ceases to be or never becomes a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
WC-CW-11.2 <i>Future Part IV-Prohibit WHPA-A-v.10; IPZ-1-v.10</i>	To ensure any new handling and storage of pesticides within the meaning of Part I of the <i>Pesticide Act</i> within a WHPA-A or IPZ- One (1) , 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.
<p>2. Establishment, Operation or Maintenance of a System That Collects, Stores, Transmits, Treats or Disposes of Sewage</p> <p>12. The Application of Road Salt</p> <p>13. The Handling and Storage of Road Salt</p> <p>14. The Storage of Snow</p>	
WC-MC-12.01 <i>Future Land Use Planning ICA (CHL)</i>	<p>This policy applies to all land uses except residential consisting of four units or fewer and only where the salt application area is equal to or greater than 200 square metres or 8 parking spaces. The County of Wellington and Municipality shall generally require such future development to be designed and maintained using best management practices in snow storage, salt storage and application and storm water management, to ensure these activities never become a significant drinking water threat. Further, the County shall provide appropriate Official Plan policies and study requirements for complete applications for new developments within the Chloride ICA.</p> <p>To ensure the establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage, the application, handling or storage of road salt, and the storage of snow never become a significant drinking water threat,</p> <ol style="list-style-type: none"> a) the County of Wellington and Municipality shall generally require future development to be designed and maintained using best management practices addressing these activities, and b) the County shall provide appropriate Official Plan policies and study requirements for complete applications for new developments within the Chloride ICA, <p>if the following applies:</p> <ol style="list-style-type: none"> i. where the activity would be a significant drinking water threat, ii. within a Chloride Issues Contributing Area, iii. in an area with any land use except residential consisting of four units or fewer, and iv. where the salt application area is equal to or greater than 200 square metres or 8 parking spaces
<p>12. The Application of Road Salt</p> <p>13. The Handling and Storage of Road Salt</p>	

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<p>WC-CW-12.02</p> <p><i>Existing/Future Specify Action</i> WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.10; ICA (CHL)</p>	<p>To ensure the application, handling and storage of road salt never becomes or ceases to be a significant drinking water threat, where these activities are or would be significant drinking water threats, the municipality should review available training programs related to salt application and storage and ensure that adequate training opportunities are available to train municipal staff and private contractors on best management practices related to salt application and storage.</p>
12. The Application of Road Salt	
<p>WC-CW-12.1</p> <p><i>Existing/Future Specify Action</i> WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.10; ICA (CHL/SOD)</p>	<p>To ensure any existing or new application of road salt where a Chloride or Sodium Issue Contributing Area ICA has been identified as a drinking water issue delineated, or where salt application is or would be a significant drinking water threat, ceases to be or never becomes a significant drinking water threat, the municipality and / or County of Wellington shall review and, if necessary, revise or issue new their Salt Management Plans for the application of salt on roadways in all Wellhead Protection Areas.</p> <p>The Salt Management Plan shall include, as a minimum, measures to ensure application rate, timing and location reduce the potential for salt-related surface water run-off and groundwater infiltration and meet the objectives of Environment Canada's Code of Practice for Environmental Management of Road Salts including the salt vulnerable area mapping to include areas where significant threats can occur. Where an RMP applies to municipal salt application, the Salt Management Plan shall be incorporated into the RMP.</p>
<p>WC-CW-12.2</p> <p><i>Existing/Future Part IV-RMP</i> WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.10; ICA (CHL)</p>	<p>To ensure any existing or new application of road salt ceases to be or never becomes a significant drinking water, 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 where the following applies:</p> <ol style="list-style-type: none"> a. where the activity is or would be a significant drinking water threat; b. salt is or could be applied to the property; c. the salt application area is equal to or greater than 200 square metres or 8 parking spots; and d. the property is used for any land uses except residential consisting of four units or fewer. <p>Notwithstanding the above, a Risk Management Plan will also be required for all any municipal properties where the activity is or would be a significant drinking water threat.</p>
<p>WC-CW/NB-12.3</p> <p><i>Existing/Future Specify Action</i> WHPA-A-v.10; WHPA-B-v.10; ICA (CHL)</p>	<p>To ensure any existing or new application of road salt ceases to be or never becomes a significant drinking water threat, tThe County, municipalityies and the Ministry of Transportation should assess current road infrastructure and consider enhancing road design measures for modifying, widening or expanding existing roads and / or designing / developing new roads to minimize the impact from any application of salt on roadways related to the development of new roads in the following areas:</p> <ol style="list-style-type: none"> a. a-In WHPA- A and WHPA-B where the vulnerability is equal to ten (10); or b. b-Where a Chloride Issue has been identified.

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	The assessment should make recommendations for enhanced measures to protect drinking water sources to be carried through detailed design and construction of the road.
<p>WC-NB-12.4</p> <p>Existing/Future Specify Action: WHPA-A-v. 10; WHPA-B-v. 10; ICA (CHL)</p>	To ensure any existing or new application of road salt within a Chloride ICA For existing or future transport pathways in a WHPA-A and WHPA-B where the vulnerability score is equal to ten (10), or within a Chloride ICA, ceases to be or never becomes a significant drinking water threat, the Ministry of Environment, Conservation and Parks should prioritize inspections and abatement activities related to well maintenance and abandonment pursuant to Ontario Regulation 903, <i>Ontario Water Resources Act, 1990</i> .
<p>WC-CW-12.5</p> <p>Existing/Future Specify Action: ICA (CHL)</p>	<p>To ensure any existing or new application of road salt For existing or future transport pathways within a Chloride ICA, ceases to be or never becomes a significant drinking water threat, the municipality shall review whether the transport pathways increase infiltration of chloride to the groundwater and what actions can be taken by the municipality to reduce the infiltration of chloride.</p> <p>Actions may include, but are not limited to, incorporating terms and conditions into Risk Management Plans, maintenance or removal of transport pathways, direction to other parties regarding maintenance or removal of transport pathways, reduction of salt application within the area of the transport pathway, and advocate with Ministry of Environment, Conservation and Parks or Ministry of Transportation for actions to reduce the infiltration of chloride or other measures as required.</p>
<p>WC-NB-12.6</p> <p>Existing/Future Specify Action: WHPA-A-v. 10; WHPA-B-v. 10; IPZ-1-v. 10; ICA (CHL)</p>	<p>To ensure any existing or new application of road salt wwhere a Chloride ICA has been delineated or where road salt application is or would be a significant drinking water threat, ceases to be or never becomes a significant drinking water threat, the Ministry of Transportation should review and, if necessary, revise or issue new Salt Management Plans for the application of salt on roadways in all Wellhead Protection Areas.</p> <p>The Salt Management Plan should include, as a minimum, measures to ensure application rate, timing and location reduce the potential for salt-related surface water run-off and groundwater infiltration and meet the objectives of Environment Canada's Code of Practice for Environmental Management of Road Salts including the salt vulnerable area mapping to include areas where significant threats can occur.</p>
<p>WC-CW-12.7</p> <p>Existing/Future Education & Outreach ICA (CHL)</p>	To ensure any existing or new application of road salt within a Chloride ICA, ceases to be or never becomes a significant drinking water threat, where this activity is or would be a significant drinking water threat within a Chloride ICA , the municipality and / or the Public Health Unit shall develop and implement an education initiative addressing the application of road salt. The education program shall encourage the implementation of best management practices that form the core of the Smart About Salt or similar accreditation program to reduce the impact of winter de-icing activities.
13. The Handling and Storage of Road Salt	
<p>WC-CW-13.1</p> <p>a) Existing Part IV-RMP WHPA-A-v. 10; WHPA-B-v. 10; IPZ-1-v. 10</p> <p>b) Future</p>	<p>To ensure:</p> <ol style="list-style-type: none"> a. any existing handling and storage of road salt outside of an ICA but within WHPA-A and WHPA-B with a vulnerability score of ten (10) or IPZ-One(1) with a vulnerability score of ten (10); or b. any new handling and storage of road salt within a WHPA-B with a vulnerability score equal to ten (10),

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<p><i>Part IV-RMP WHPA-B-v.10</i></p>	<p>ceases to be or never becomes a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.</p>
<p>WC-CW-13.2 <i>Future Part IV-Prohibit WHPA-A-v.10; IPZ-1-v.10</i></p>	<p>To ensure any new handling and storage of road salt within a WHPA-A or IPZ One (1), outside of an ICA, 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.</p>
<p>WC-CW-13.2.1 <i>Existing/Future Part IV-Prohibit WHPA-A-v.10 within ICA (CHL)</i></p>	<p>To ensure, within a WHPA-A and within a Chloride ICA that:</p> <ul style="list-style-type: none"> a. any existing or new handling and storage of road salt in any amount that is stored uncovered; or b. any new (future), handling and storage of road salt in covered storage in amounts greater than 100 kilograms, <p>ceases to be or 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.</p>
<p>WC-CW-13.2.2 <i>Existing/Future Part IV-RMP ICA (CHL) outside WHPA-A-v.10</i></p>	<p>To ensure, within a Chloride ICA that:</p> <ul style="list-style-type: none"> a) any existing or new (future) handling and storage of road salt, outside of a WHPA-A, in any amount that is stored uncovered; or b) any existing or new (future) handling and storage of road salt, outside of a WHPA-A, in covered storage in amounts greater than 100 kilograms; or c) any existing or new (future) handling and storage of road salt, for a property that requires a salt application Risk Management Plan, in uncovered or covered storage of any amount; or d) any existing or new (future) handling and storage of road salt at a municipal property, in uncovered or covered storage of any amount; <p>ceases to be or never becomes a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.</p>
<p>WC-CW-13.3 <i>Existing/Future Education & Outreach ICA (CHL/SOD) v.<10</i></p>	<p>To ensure any existing or new handling and storage of road salt within a Chloride ICA, ceases to be or never becomes a significant drinking water threat, where this activity is a significant drinking water threat within a Sodium or Chloride ICA, where the vulnerability score is less than 10, the municipality and / or the Public Health Unit shall develop and implement an education initiative about the handling and storage of road salt. The education program shall encourage the implementation of the best management practices which that form the core of the Smart About Salt or similar accreditation program to reduce the impact of winter de-icing activities.</p>
<p>14. The Storage of Snow</p>	
<p>WC-CW-14.1 <i>Existing Part IV-RMP WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.10 outside of ICA (CHL);</i></p>	<p>To ensure:</p> <ul style="list-style-type: none"> a. any existing snow storage outside of a Chloride ICA but within WHPA-A and WHPA-B with a vulnerability score of ten (10) or IPZ One (1) with a vulnerability score of ten (10); or b. any new snow storage outside of a Chloride ICA but within a WHPA-B with a vulnerability score equal to ten (10),

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the County of Wellington
<p>Future Part IV-RMP WHPA-B-v.10 outside of ICA (CHL)</p>	<p>ceases to be or never becomes a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.</p>
<p>WC-CW-14.2</p> <p>Future Part IV-Prohibit WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.10 outside of ICA (CHL)</p>	<p>To ensure any new snow storage within a WHPA-A or IPZ-One (1) outside of a Chloride ICA, 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.</p>
<p>WC-CW-14.3</p> <p>Existing/Future Education & Outreach WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.10; ICA (NIT/SOD/CHL)</p>	<p>To ensure any existing or new snow storage within a WHPA-A or B with a vulnerability score equal to ten (10), IPZ-1 with a vulnerability score equal to ten (10), IPZ One, or Nitrate, Sodium or Chloride ICA, ceases to be or never becomes a significant drinking water threat, where this activity is or would be a significant drinking water threat, the municipality shall develop and implement an education initiative about snow storage. The education program shall encourage the use of best reficial management practices that reduce the impact on groundwater.</p>
<p>WC-CW-14.4</p> <p>Future Part IV-Prohibit WHPA-A-v.10 within ICA (CHL)</p>	<p>To ensure any new, below grade snow storage greater than 0.01 hectare in area or at or above grade snow storage greater than 1 hectare in area within a WHPA-A in a Chloride ICA 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.</p>
<p>WC-CW-14.5</p> <p>Existing/Future Part IV-RMP ICA (CHL)</p>	<p>To ensure any existing or new facility for snow storage within a Chloride ICA ceases to be or never becomes a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required where:</p> <ol style="list-style-type: none"> a prohibition policy does not apply; salt is or could be applied to the property; the salt application area is equal to or greater than 200 square metres or 8 parking spots; and the property is used for any land uses except residential consisting of four units or fewer.
15. The Handling and Storage of Fuel	
<p>WC-CW-15.1</p> <p>Existing/Future Education & Outreach WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.10</p>	<p>To ensure the existing and future handling and storage of fuel more than 250 Litres but not more than 2500 Litres ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the municipality shall develop and implement an education and outreach program for property owners with identified fuel oil tanks outlining the requirements under the fuel oil code by the Technical Standards and Safety Authority and best management practices that could be implemented.</p>
<p>WC-CW-15.2</p> <p>a) Existing Part IV-RMP</p>	<p>To ensure:</p> <ol style="list-style-type: none"> the existing handling and storage of liquid fuel of more than 2,500 Litres, where this activity is a significant drinking water threat; or

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the County of Wellington
<p>WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.10</p> <p>b)Future Part IV-RMP WHPA-B-v.10</p>	<p>b. any new handling and storage of liquid fuel of more than 2,500 Litres within a WHPA-B with a vulnerability score equal to ten (10),</p> <p>ceases to be or never becomes a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.</p> <p>For significant threats that are Technical Standards and Safety Authority regulated, the Risk Management Plan may be at a minimum scoped to address matters such as a contaminant management plan and any monitoring, reporting completed by the proponent/applicant and auditing requirements provided to the Technical Standards and Safety Authority.</p>
<p>WC-CW-15.3</p> <p>Future Part IV-Prohibit WHPA-A-v.10; IPZ-1-v.10</p>	<p>To ensure any new handling and storage of liquid of more than 2,500 Litres within a WHPA-A or IPZ-One (1), 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.</p> <p>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 WC-CW-15.2.</p>
<p>WC-MC-15.4</p> <p>Existing/Future Prescribed Instr. WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.10</p>	<p>To ensure any existing or new handling and storage of fuel on properties licensed under the <i>Aggregate 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,</p> <ol style="list-style-type: none"> The Ministry of Natural Resources and Forestry shall review all licenses, permits and site plans issued under the <i>Aggregate Resources Act</i> and/or related regulations, standards and policies and, if necessary, include measures that, when implemented, will manage the risk so that these activities do not become or cease to be a significant drinking water threat. The Ministry of Natural Resources and Forestry shall not issue new or amended licenses or permits and approve site plans under the <i>Aggregate Resources Act</i> and/or related regulations, standards and policies unless measures that, when implemented, will manage the risk so that these activities do not become or cease to be a significant drinking water threat.
<p>16. The Handling and Storage of a Dense Non-Aqueous Phase Liquid (DNAPL)</p>	
<p>WC-CW-16.1</p> <p>Existing Part IV-RMP WHPA-A/B/C; IPZ-1-v.10; ICA(TCE)</p>	<p>To ensure any existing handling and storage of a dense non-aqueous phase liquid greater than 25 Litres, for industrial, commercial, institutional or agricultural purposes ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, this activity is designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan is required under the following circumstances:</p> <ol style="list-style-type: none"> Any quantity of dense non-aqueous phase liquid in a WHPA-A, WHPA-B or IPZ-1, with a vulnerability score 10, including within an ICA for trichloroethylene; or Any quantity of the following chlorinated solvents in a WHPA-B or WHPA-C, with a vulnerability score < 10, including within an ICA for trichloroethylene, or within a WHPA-D in an ICA for trichloroethylene: <ul style="list-style-type: none"> Dioxane-1,4 Tetrachloroethylene (PCE)

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the County of Wellington
	<ul style="list-style-type: none"> • Trichloroethylene or another DNAPL that could degrade to Trichloroethylene • Vinyl chloride or another DNAPL that could degrade to vinyl chloride; or <p>c. 25 litres or greater of Poly Aromatic Hydrocarbons (PAHs) in a WHPA-B or WHPA-C, with a vulnerability score < 10, including within an ICA for trichloroethylene, or within a WHPA-D in an ICA for trichloroethylene.</p> <p>required under the following circumstances:</p> <p>a. Any quantity of dense non-aqueous phase liquid in a vulnerability score 10 in WHPA-A, IPZ-1 or WHPA-B including within an issue contributing area for trichloroethylene; or</p> <ul style="list-style-type: none"> • 25 litres or greater of dense non-aqueous phase liquid in a vulnerability score < 10 in WHPA-B or C or within an issue contributing area for trichloroethylene; •
<p>WC-CW-16.2</p> <p><i>Future Part IV-Prohibit WHPA-A-v.10; IPZ-1-v.10</i></p>	<p>To ensure any new handling and storage of a dense non-aqueous phase liquid for industrial, commercial institutional or agricultural purposes within WHPA-A or IPZ-One (1), 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.</p>
<p>WC-CW-16.3</p> <p><i>Future Part IV-RMP WHPA-B/C; ICA(TCE)</i></p>	<p>To ensure any new handling and storage of a dense non-aqueous phase liquid greater than 25 Litres, for industrial, commercial, institutional or agricultural purposes within a WHPA-B, C or TCE ICA, never becomes a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required under the following circumstances:</p> <p>a. Any quantity of dense non-aqueous phase liquid in a WHPA-A, WHPA-B or IPZ-1, with a vulnerability score 10, including within an ICA for trichloroethylene; or</p> <p>b. Any quantity of the following chlorinated solvents in a WHPA-B or WHPA-C, with a vulnerability score < 10, including within an ICA for trichloroethylene, or within a WHPA-D in an ICA for trichloroethylene:</p> <ul style="list-style-type: none"> • Dioxane-1,4 • Tetrachloroethylene (PCE) • Trichloroethylene or another DNAPL that could degrade to Trichloroethylene • Vinyl chloride or another DNAPL that could degrade to vinyl chloride; or <p>c. 25 litres or greater of Poly Aromatic Hydrocarbons (PAHs) in a WHPA-B or WHPA-C, with a vulnerability score < 10, including within an ICA for trichloroethylene, or within a WHPA-D in an ICA for trichloroethylene.</p> <p>required under the following circumstances:</p> <p>a. Any quantity of dense non-aqueous phase liquid in a vulnerability score 10 in a WHPA-B including within an issue contributing area for trichloroethylene; or</p> <p>b. 25 litres or greater of dense non-aqueous phase liquid in a vulnerability score < 10 in WHPA-B or C including within an issue contributing area for trichloroethylene;</p>

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the County of Wellington
WC-CW-16.4 <i>Existing/Future Education & Outreach</i> WHPA-A/B/C; IPZ-1-v.10; ICA (TCE)	To ensure an existing or new handling and storage of a dense non-aqueous phase liquid ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the municipality shall develop and implement education and outreach programs to encourage the use of alternative products where available and the proper handling/storage and disposal procedures for these products.
17. The Handling and Storage of an Organic Solvent	
WC-CW-17.1 a) <i>Existing</i> Part IV-RMP WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.10; b) <i>Future</i> Part IV-RMP; WHPA-B-v.10	To ensure: <ol style="list-style-type: none"> a. any existing handling and storage of an organic solvent where this activity is a significant drinking water threat; or b. any new handling and storage of an organic solvent within a WHPA-B with a vulnerability score equal to ten (10), ceases to be or never becomes 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.
WC-CW-17.2 <i>Future</i> Part IV-Prohibit WHPA-A-v.10; IPZ-1-v.10	To ensure any new handling and storage of organic solvents within WHPA-A or IPZ- One (1) , never becomes a significant drinking water threat, where this activity is a significant drinking water threat , this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.
18. The Management of Runoff that Contains Chemicals Used in De-icing of Aircraft	
WC-CW-18.1 <i>Future</i> Part IV-RMP WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.10	To ensure any new airports where there could be runoff containing de-icing chemicals, never become a significant drinking 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.
21. The Use of Land as Livestock Grazing or Pasturing Land, and Outdoor Confinement Area or a Farm Animal Yard	
WC-CW-19.1 <i>Existing/Future</i> Part IV-RMP WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.10	To ensure the use of land for existing or new livestock grazing or pasturing, within a WHPA-A or WHPA-B with a vulnerability score equal to ten (10) or IPZ- One (1) , ceases to be or never becomes a significant drinking water threat, where these activities are, or would be, a significant drinking water threat , these activities shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
WC-CW-19.2 <i>Existing/Future</i> Part IV-RMP WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.10 ICA (NIT)	To ensure a farm animal yard or an outdoor confinement area as defined in O. Reg. 267/03, for existing or new livestock operations not phased-in under the Nutrient Management Act within a WHPA-A or WHPA-B with a vulnerability score equal to ten (10) or IPZ- One (1) or a Nitrate ICA, cease to be or never become significant drinking water threats, where these activities are, or would be, significant drinking water threats, <ol style="list-style-type: none"> a. These activities shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required. b. The requirements of the Risk Management Plan will generally be based on the requirements of a nutrient management plan and/or strategy under the <i>Nutrient Management Act</i>, but may also include any modifications or additional requirements deemed necessary or appropriate by the Risk Management Official.

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the County of Wellington
WC-MC-19.3 <i>Existing/Future Prescribed Instr.</i> WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.10; ICA (NIT)	To ensure a farm animal yard or an outdoor confinement area as defined in O. Reg. 267/03, for existing or new livestock operations with an existing or requiring a Nutrient Management Plan or Strategy in accordance with the <i>Nutrient Management Act</i> , cease to be or never become a significant drinking water threat, where these activities are, or would be, a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs shall review and, if necessary, amend the required Nutrient Management Plan/Strategy to ensure that such Plan/Strategy incorporates measures and/or terms and conditions deemed necessary to ensure that these activities cease to be or never become a significant drinking water threat.
WC-CW-19.4 <i>Existing/Future Education & Outreach</i> ICA (NIT)v.<10	To ensure livestock grazing or pasturing land, an outdoor confinement area or farm animal yard within a Nitrate ICA where the vulnerability score is less than 10, cease to be or never become significant drinking water threats, the municipality shall develop and implement an education initiative about these activities. The education program shall encourage the use of beneficial management practices that reduce the impact on groundwater.
22. The Establishment and Operation of a Liquid Hydrocarbon Pipeline	
WC-NB-20.1 <i>Future Specify Action</i> WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.10 <i>Monitoring</i>	To reduce the risks to municipal drinking water sources from 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>National Energy Board Act</i> , where the activity would be a significant drinking water threat, the National Energy Board, Ontario Energy Board, and the pipeline proponent are encouraged to provide the Source Protection Authority and the Municipality the location of any new proposed pipeline within the Municipality and/or Source Protection Area. The Source Protection Authority shall document in the annual report the number of new pipelines proposed within vulnerable areas if a pipeline has been proposed and/or application has been received.

7.4 Appendix A: List of Policies as per Section 34 of Regulation 287/07

LIST A

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

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

Content: WC-CW-1.1.1, WC-CW-1.1.2, WC-CW-1.2, WC-CW-1.3, WC-MC-1.4, **WC-MC-12.01**

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: WC-CW-1.1.1, WC-CW-1.1.2, WC-CW-1.2, WC-MC-1.16; WC-MC-1.21, WC-MC-2.1, WC-MC-2.3, WC-MC-3.3, WC-MC-3.4, WC-MC-3.5, WC-MC-3.6, WC-MC-3.7, WC-MC-4.3, WC-MC-5.3, WC-MC-6.1, WC-MC-6.2, WC-MC-7.1, WC-MC-8.2, WC-MC-15.4, WC-MC-19.3

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: WC-CW-1.1.1, WC-CW-1.1.2, WC-CW-1.2, WC-CW-1.5, WC-CW-1.6, WC-CW-1.14, WC-CW-1.23, WC-CW-3.1, WC-CW-3.2, WC-CW-4.4, WC-CW-8.4, **WC-CW-12.02**, WC-CW-12.1, **WC-CW/NB-12.3**, **WC-CW-12.5**, **WC-CW-12.7**, WC-CW-13.3, WC-CW-14.3, WC-CW-15.1, WC-CW-16.4, WC-CW-19.4

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: WC-CW-1.9, WC-CW-1.10, WC-CW-1.11, WC-CW-1.12, WC-CW-1.13, WC-CW-1.14, WC-NB-20.1; WC-MC-1.16c

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: WC-CW-1.1.1, WC-CW-1.1.2, WC-CW-1.2; WC-CW-4.1, WC-CW-5.1, WC-CW-7.2, WC-CW-8.1, WC-CW-9.2, WC-CW-11.2, WC-CW-13.2, WC-CW-13.2.1, WC-CW-14.2, WC-CW-14.4, WC-CW-15.3, WC-CW-16.2, WC-CW-17.2

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: WC-CW-1.1.1, WC-CW-1.1.2, WC-CW-2.2, WC-CW-2.4, WC-CW-3.8, WC-CW-5.2, WC-CW-8.3, WC-CW-9.1, WC-CW-10.1, WC-CW-11.1, WC-CW-12.2, WC-CW-13.1, WC-CW-13.2.2, WC-CW-14.1, WC-CW-14.5, WC-CW-15.2, WC-CW-16.1, WC-CW-16.3, WC-CW-17.1, WC-CW-18.1, WC-CW-19.1, WC-CW-19.2

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*, 2006.”

Content: WC-CW-1.1.1, WC-CW-1.1.2, WC-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: WC-NB-1.18, WC-NB-1.19, WC-NB-1.20, WC-NB-1.22

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: WC-NB-1.7, WC-NB-1.8, WC-NB-1.17, WC-CW/NB-12.3, WC-NB-12.4, WC-NB-12.6, WC-NB-20.1

7.5 Appendix B: Prescribed Instruments and Policy Summary Tables

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

Policy #	Legal Effect (conform with, have regard to)	Environmental Protection Act	Nutrient Management Act	Ontario Water Resources Act	Aggregate Resources Act
WC-CW-1.1.1	Comply With	X	X	X	X
WC-CW-1.1.2	Comply With	X	X	X	X
WC-CW-1.2	Comply With	X			X
WC-MC-1.16	Must Conform	X			
WC-MC-1.21	Must Conform			X	
WC-MC-2.1	Must Conform	X		X	
WC-MC-2.3	Must Conform	X		X	
WC-MC-3.3	Must Conform	X		X	
WC-MC-3.4	Must Conform	X		X	
WC-MC-3.5	Must Conform	X		X	
WC-MC-3.6	Must Conform	X		X	
WC-MC-3.7	Must Conform	X		X	
WC-MC-4.3	Must Conform		X		
WC-MC-5.3	Must Conform		X		
WC-MC-6.1	Must Conform	X	X		
WC-MC-6.2	Must Conform	X	X		
WC-MC-7.1	Must Conform	X	X		
WC-MC-8.2	Must Conform		X		
WC-MC-15.4	Must Conform				X
WC-MC-19.3	Must Conform		X		

Table 2: Policy Summary Matrix

Policy #	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)
WC-CW-1.1.1	Comply With	X	X	X		X		
WC-CW-1.1.2	Comply With	X	X	X		X		
WC-CW-1.2	Comply With	X	X	X		X		

Policy #	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)
WC-CW/NB-12.3	Comply With/Non Binding			X				X
WC-CW-1.3	Comply With	X				X		
WC-MC-1.4	Must Conform	X						
WC-MC-12.01	Must Conform	X						
WC-MC-1.16	Must Conform		X		X			
WC-MC-1.21	Must Conform		X					
WC-MC-2.1	Must Conform		X					
WC-MC-2.3	Must Conform		X					
WC-MC-3.3	Must Conform		X					
WC-MC-3.4	Must Conform		X					
WC-MC-3.5	Must Conform		X					
WC-MC-3.6	Must Conform		X					
WC-MC-3.7	Must Conform		X					
WC-MC-4.3	Must Conform		X					
WC-MC-5.3	Must Conform		X					
WC-MC-6.1	Must Conform		X					
WC-MC-6.2	Must Conform		X					
WC-MC-7.1	Must Conform		X					
WC-MC-8.2	Must Conform		X					
WC-MC-12.4	Must Conform		X					
WC-MC-15.4	Must Conform		X					
WC-MC-19.3	Must Conform		X					
WC-CW-1.5	Comply With			X				
WC-CW-1.6	Comply With			X				
WC-CW-1.14	Comply With			X				
WC-CW-1.23	Comply With			X				
WC-CW-3.1	Comply With			X				
WC-CW-3.2	Comply With			X				
WC-CW-4.4	Comply With			X				
WC-CW-8.4	Comply With			X				
WC-CW-12.1	Comply With			X				
WC-CW-12.02	Comply With			X				
WC-CW-12.5	Comply With			X				
WC-CW-12.7	Comply With			X				
WC-CW-13.3	Comply With			X				

Policy #	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)
WC-CW-14.3	Comply With			X				
WC-CW-15.1	Comply With			X				
WC-CW-16.4	Comply With			X				
WC-CW-19.4	Comply With			X				
WC-CW-1.9	Comply With				X			
WC-CW-1.10	Comply With				X			
WC-CW-1.11	Comply With				X			
WC-CW-1.12	Comply With				X			
WC-CW-1.13	Comply With				X			
WC-CW-1.14	Comply With				X			
WC-NB-20.1	Non-binding				X			
WC-CW-2.4	Comply With					X		
WC-CW-3.8	Comply With					X		
WC-CW-4.1	Comply With					X		
WC-CW-5.1	Comply With					X		
WC-CW-7.2	Comply With					X		
WC-CW-8.1	Comply With					X		
WC-CW-9.2	Comply With					X		
WC-CW-11.2	Comply With					X		
WC-CW-12.2	Comply With					X		
WC-CW-13.2	Comply With					X		
WC-CW-13.2.1	Comply With					X		
WC-CW-13.2.2	Comply With					X		
WC-CW-14.2	Comply With					X		
WC-CW-14.4	Comply With					X		
WC-CW-14.5	Comply With					X		
WC-CW-15.3	Comply With					X		
WC-CW-16.2	Comply With					X		
WC-CW-17.2	Comply With					X		
WC-CW-2.2	Comply With					X		
WC-CW-4.2	Comply With					X		
WC-CW-5.2	Comply With					X		
WC-CW-8.3	Comply With					X		
WC-CW-9.1	Comply With					X		
WC-CW-10.1	Comply With					X		
WC-CW-11.1	Comply With					X		
WC-CW-13.1	Comply With					X		

Policy #	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)
WC-CW-14.1	Comply With					X		
WC-CW-15.2	Comply With					X		
WC-CW-16.1	Comply With					X		
WC-CW-16.3	Comply With					X		
WC-CW-17.1	Comply With					X		
WC-CW-18.1	Comply With					X		
WC-CW-19.1	Comply With					X		
WC-CW-19.2	Comply With					X		
WC-NB-1.18	Non- Binding						X	
WC-NB-1.19	Non- Binding						X	
WC-NB-1.20	Non- Binding						X	
WC-NB-1.22	Non-Binding						X	
WC-NB-1.7	Non-Binding							X
WC-NB-1.8	Non-Binding							X
WC-NB-1.17	Non- Binding							X
WC-NB-12.4	Non-Binding							X
WC-NB-12.6	Non-Binding							X
WC-NB-20.1	Non-Binding							X

7.6 Schedule A: County of Wellington, Township of Wellington North, Arthur Well Supply



Significant Drinking Water Threat Policy Applicability

Significant Drinking Water Threat Policy Categories	Vulnerability Scores on Map		
	10	8	2,4,6
1. Waste Disposal	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.

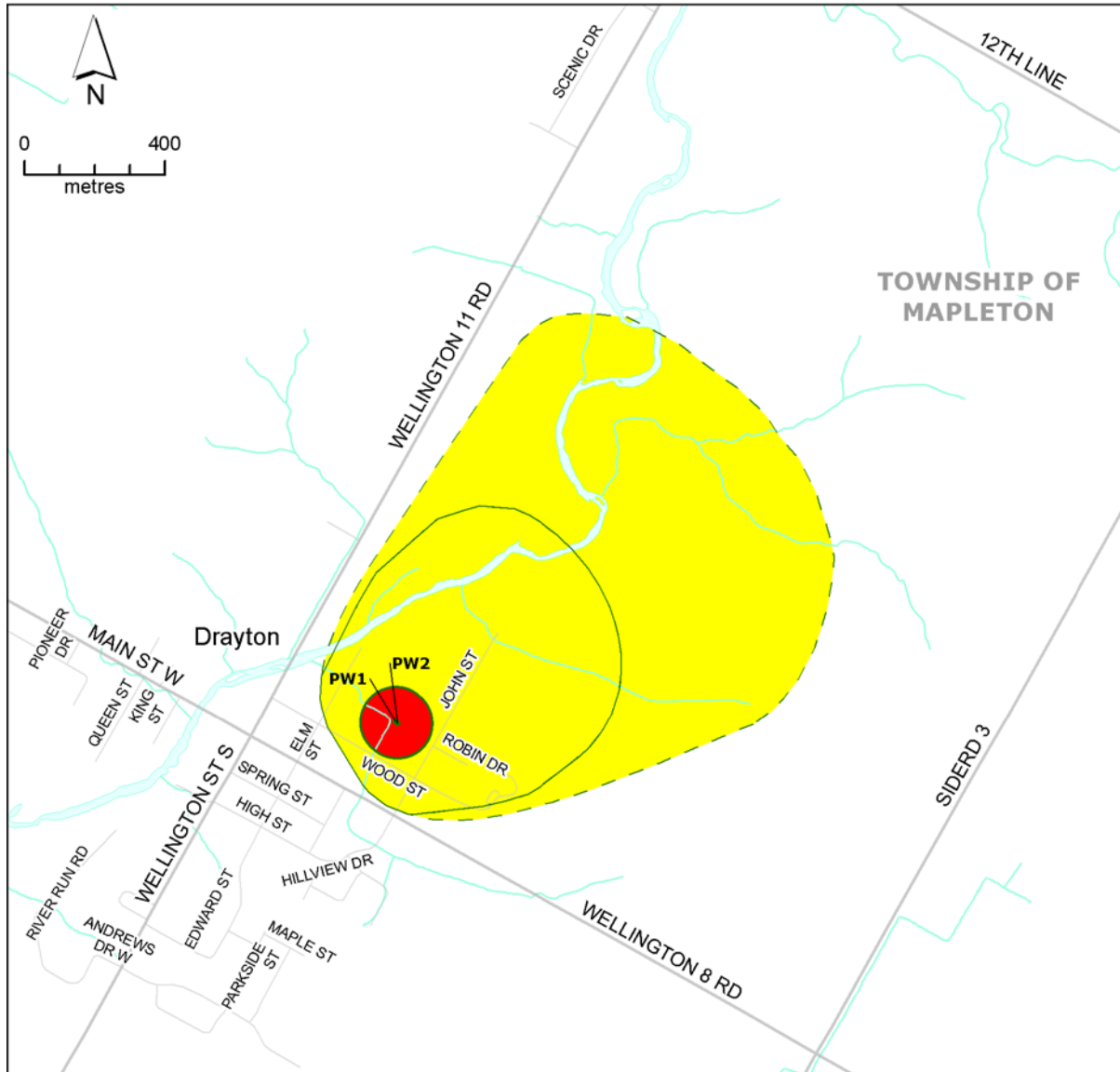
Well
 Road
 Minor River
 Lake / Main River
 Lower Tier
 Municipal Boundary

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



1. Updated February 6, 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 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.

7.7 Schedule B: County of Wellington, Township of Mapleton, Drayton Well Supply



Significant Drinking Water Threat Policy Applicability

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

Note: This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) within 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.

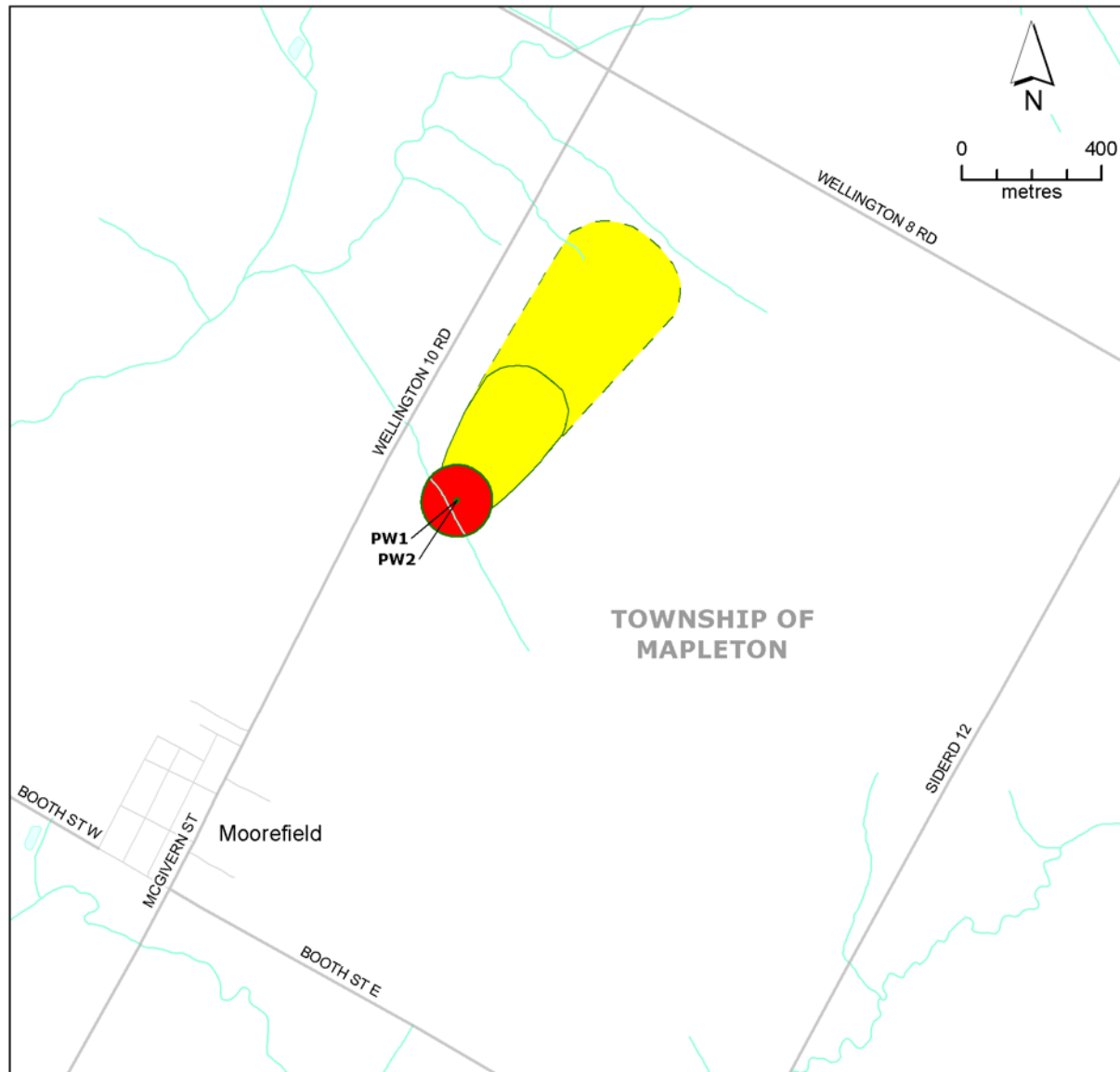
Wellhead Protection Zones:

- Well (Red dot)
- Road (Grey line)
- Minor River (Blue wavy line)
- Lake / Main River (Blue area)
- WHPA-A (Large green circle)
- WHPA-B (Medium green circle)
- WHPA-C (Small green circle)



1. Updated February 8, 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 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.

7.8 Schedule C: County of Wellington, Township of Mapleton, Moorefield Well Supply



Significant Drinking Water Threat Policy Applicability

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

Note: This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) within 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.

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

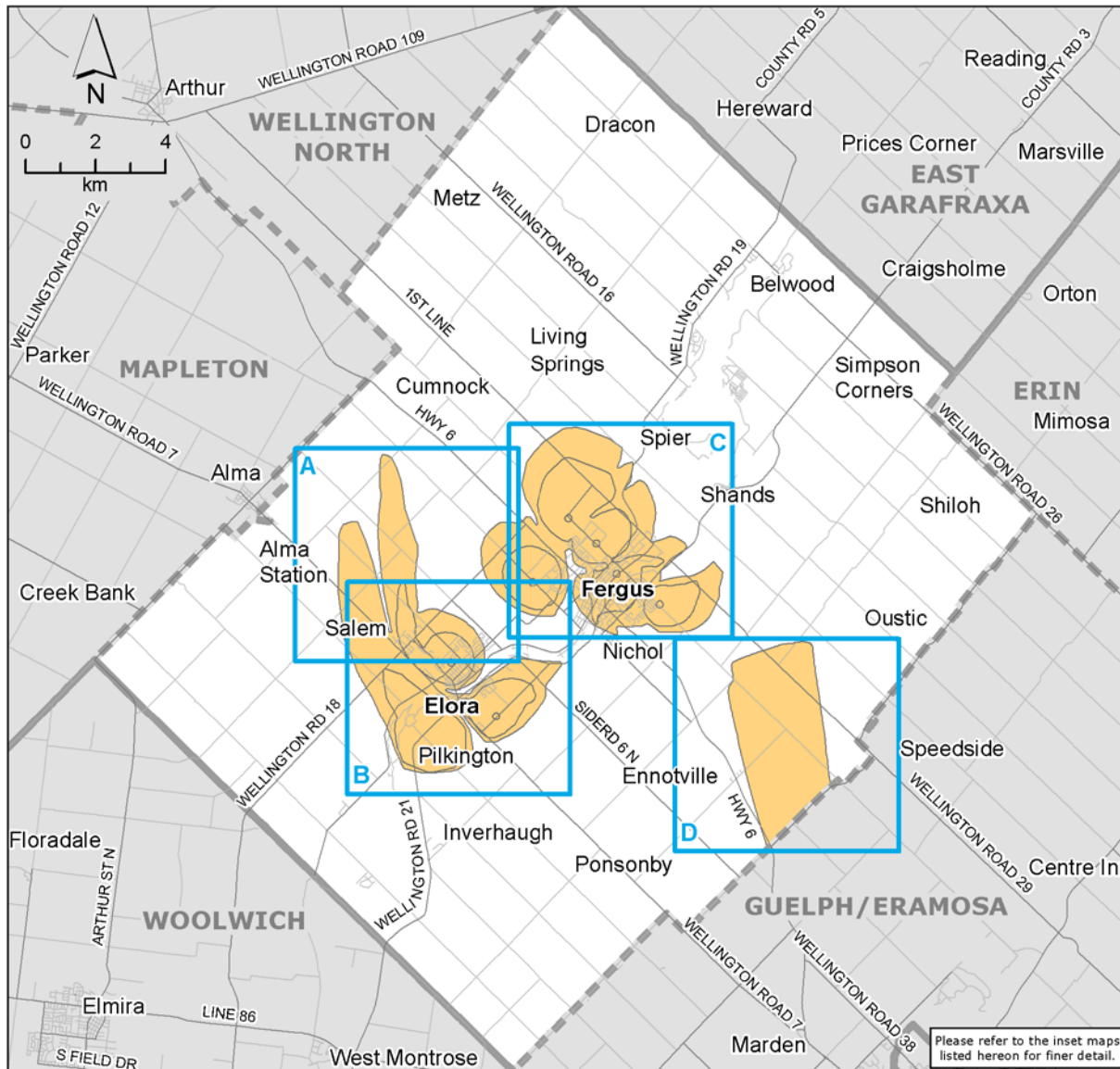


1. Updated February 8, 2019
 2. Larger scale mapping of some map layers, including roads and vulnerability scores, is available at www.sourcewater.ca.
 3. This map is for illustrative purposes only. Information contained herein is not a substitute for professional review or a site survey and is subject 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.

7.9 Schedule D: County of Wellington, Township of Centre Wellington, Index Map



Significant Drinking Water Threat Policy Applicability Index Map - Wellhead Protection Zones

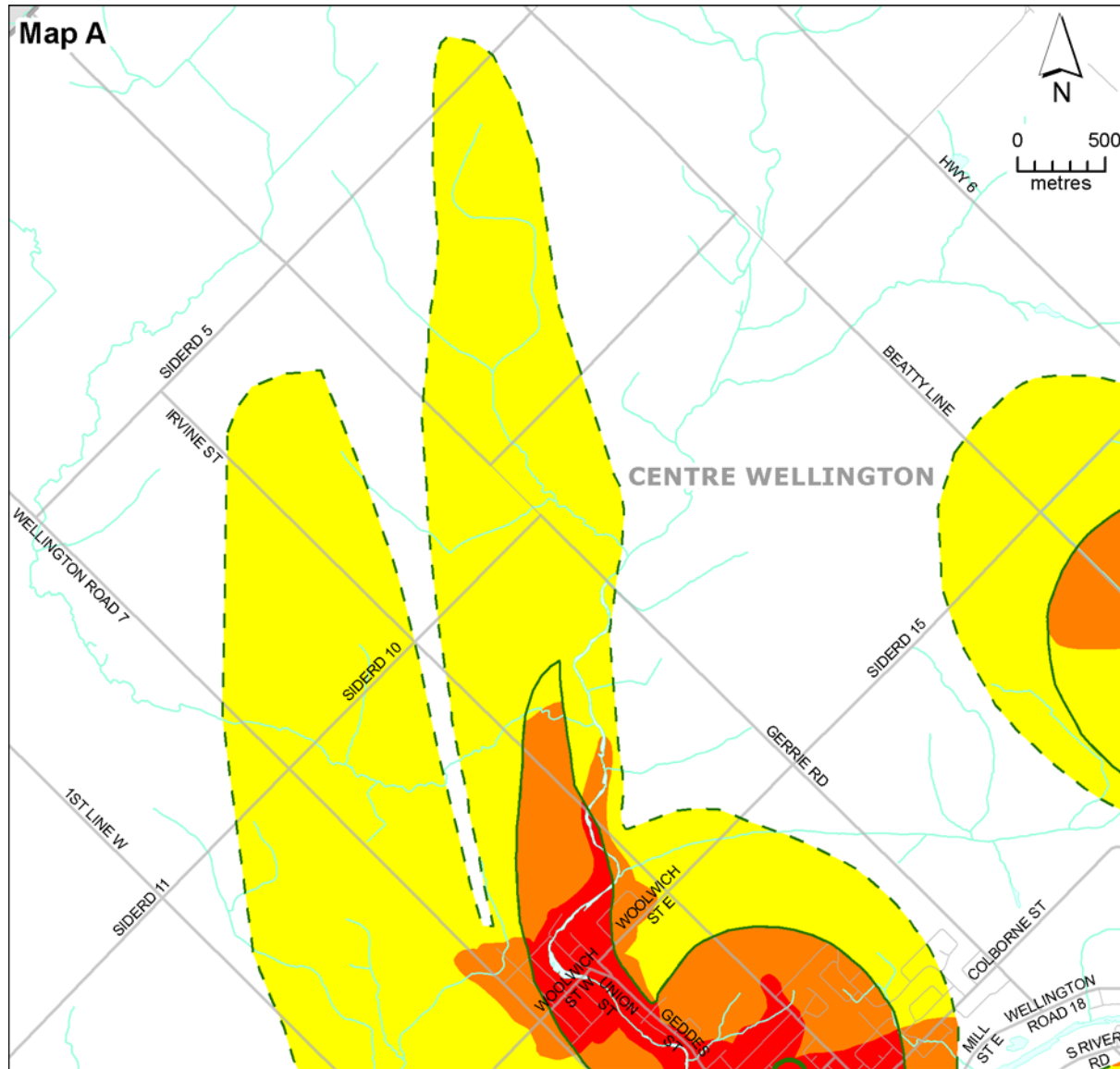


- Main Roads
- Upper / Single Tier Municipal Boundary
- Lower Tier Municipal Boundary
- Wellhead Protection Zones A, B, C



1. Updated September 26, 2019
 2. Larger scale mapping of some map layers, including roads and vulnerability scores, is available at www.sourcewater.ca.
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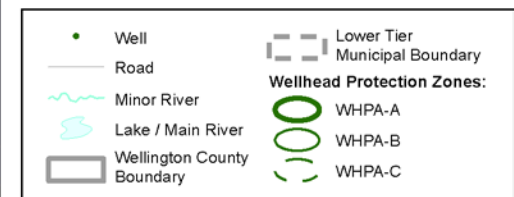
7.10 Schedule E: County of Wellington, Centre Wellington Well Supply, Map A



Significant Drinking Water Threat Policy Applicability

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

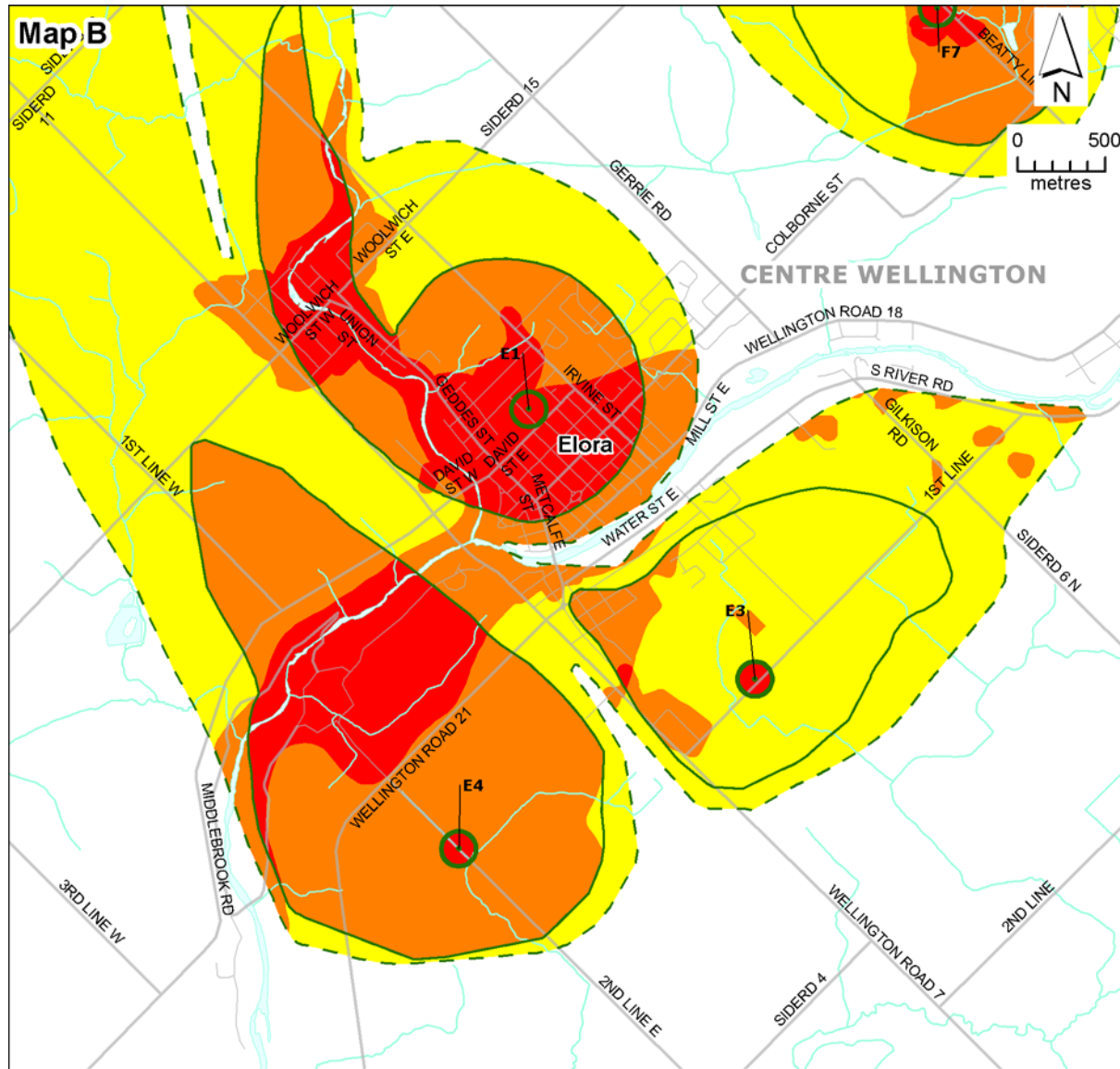
Note: This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) within Non-GUDI Wellhead Protection Zones on this map. For details refer to the Drinking Water Threats Tables from the Ministry of the Environment and Climate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



Grand River Conservation Authority

1. Updated November 08, 2019
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7.11 Schedule F: County of Wellington, Centre Wellington Well, Map B



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			

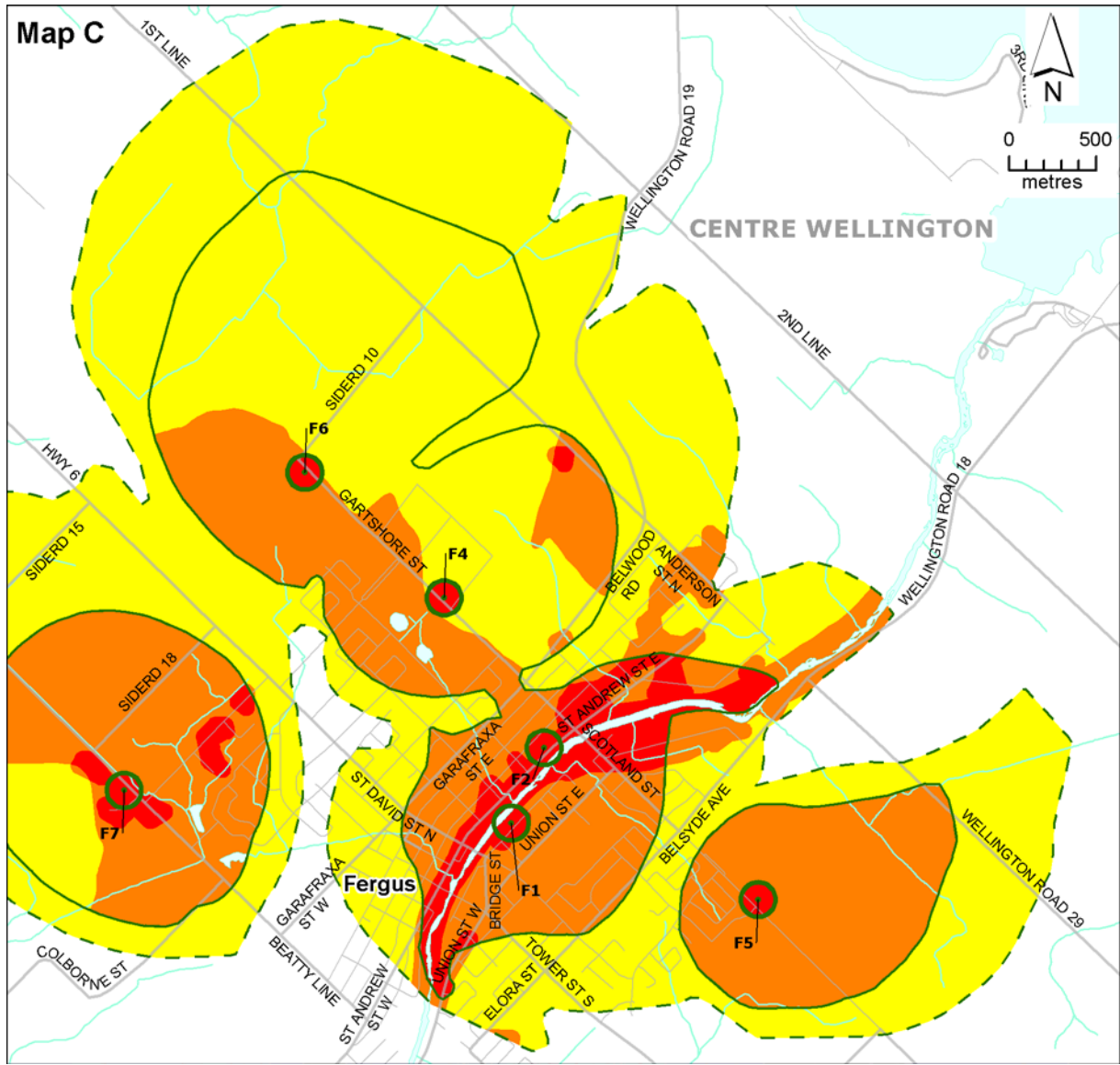
Note: This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) within Non-GUDI Wellhead Protection Zones on this map. For details refer to the Drinking Water Threats Tables from the Ministry of the Environment and Climate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

- Well
- Road
- Minor River
- Lake / Main River
- Wellington County Boundary
- Lower Tier Municipal Boundary
- Wellhead Protection Zones:**
 - WHPA-A
 - WHPA-B
 - WHPA-C



1. Updated November 08, 2019
 2. Larger scale mapping of some map layers, including roads and vulnerability scores, is available at www.sourcewater.ca.
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7.12 Schedule G: County of Wellington, Centre Wellington Well Supply, Map C



Significant Drinking Water Threat Policy Applicability

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

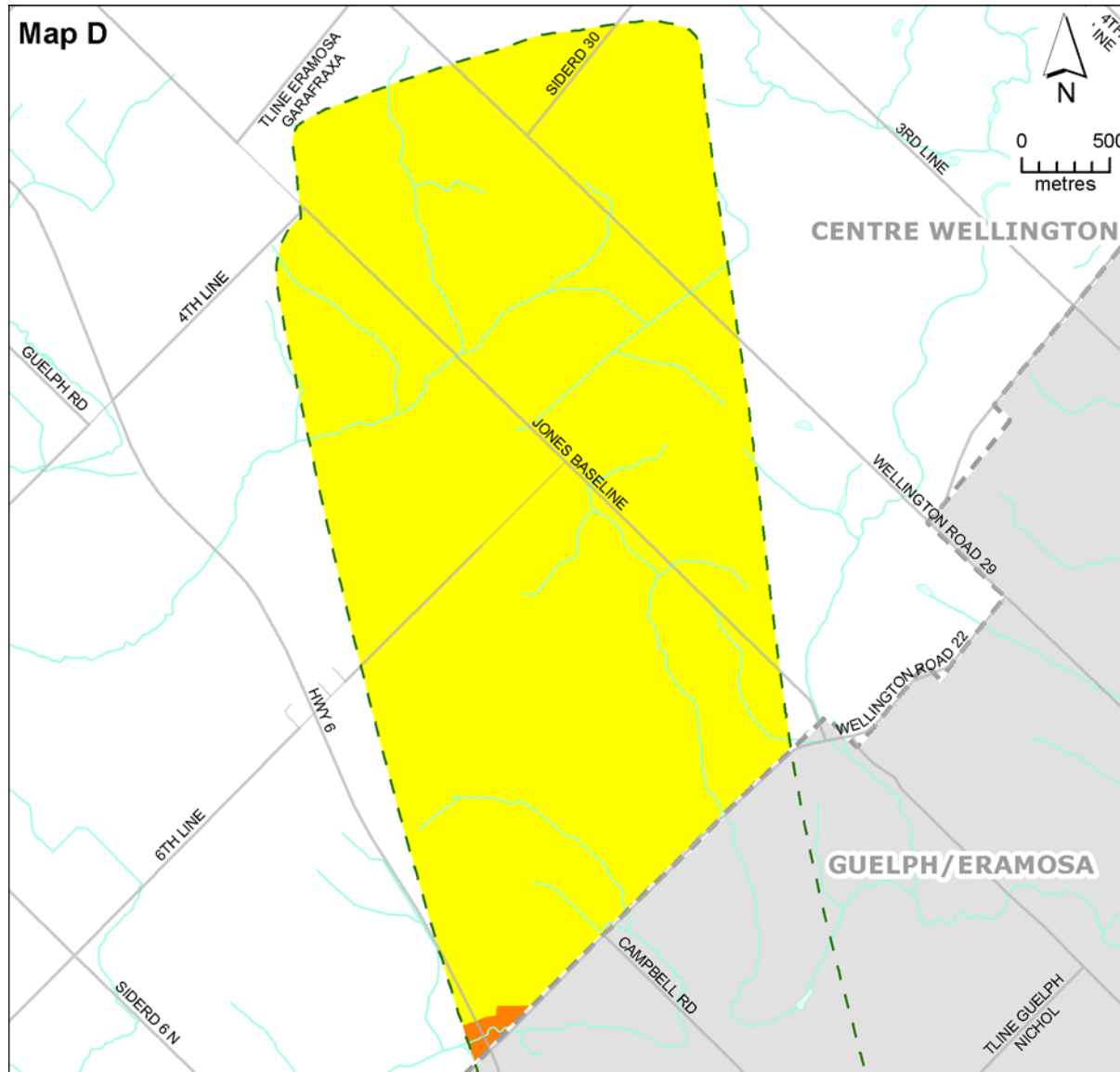
Note: This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) within Non-GUDI Wellhead Protection Zones on this map. For details refer to the Drinking Water Threats Tables from the Ministry of the Environment and Climate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

- Well
- Road
- Minor River
- Lake / Main River
- Wellington County Boundary
- Lower Tier Municipal Boundary
- Wellhead Protection Zones:**
 - WHPA-A
 - WHPA-B
 - WHPA-C



1. Updated November 08, 2019
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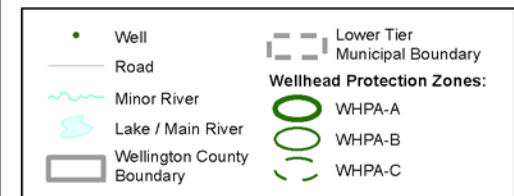
7.13 Schedule H: County of Wellington, Centre Wellington Well Supply, Map D



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	█		

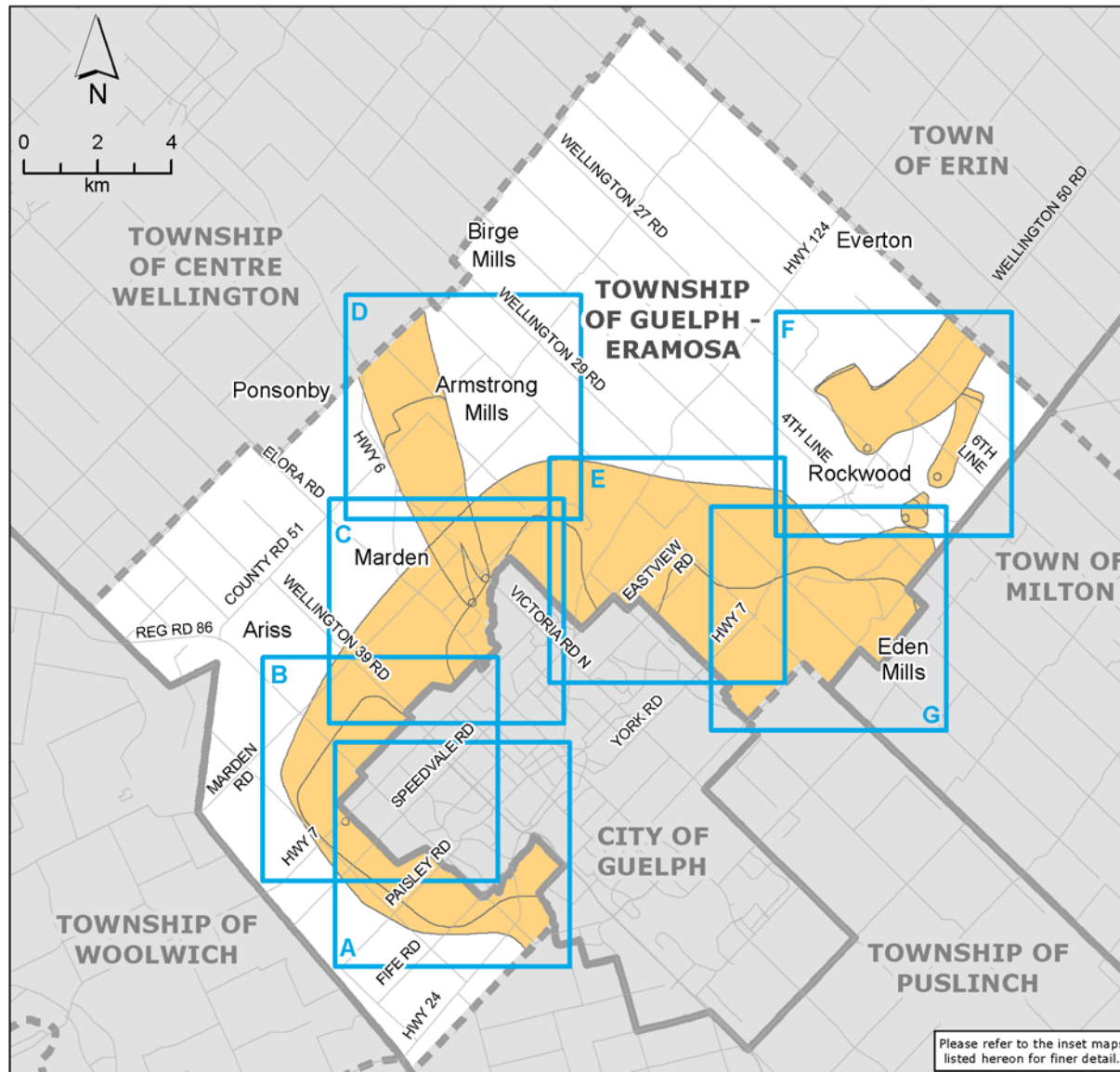
Note: This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) within Non-GUDI Wellhead Protection Zones on this map. For details refer to the Drinking Water Threats Tables from the Ministry of the Environment and Climate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



Grand River Conservation Authority

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7.14 Schedule I: County of Wellington, Township of Guelph-Eramosa, Index Map



Significant Drinking Water Threat Policy Applicability

Index Map - Wellhead Protection Zones

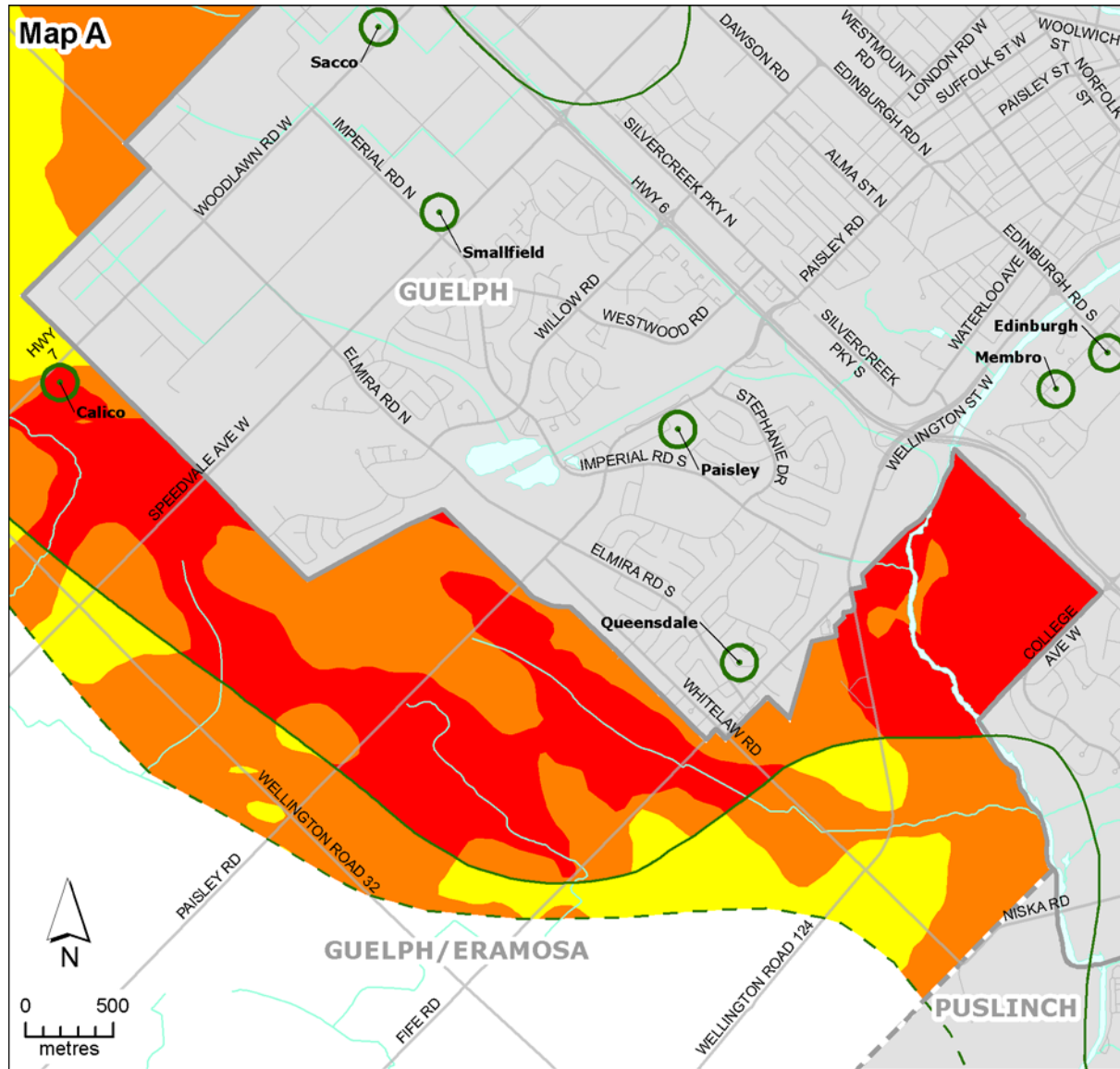
	Main Roads
	Upper / Single Tier Municipal Boundary
	Lower Tier Municipal Boundary
	Wellhead Protection Zones A, B, C



Grand River Conservation Authority

1. Updated September 18, 2019
2. Larger scale mapping of some map layers, including roads and vulnerability scores, is available at www.sourcewater.ca.
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7.15 Schedule J: County of Wellington, Township of Guelph-Eramosa, Map A



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.

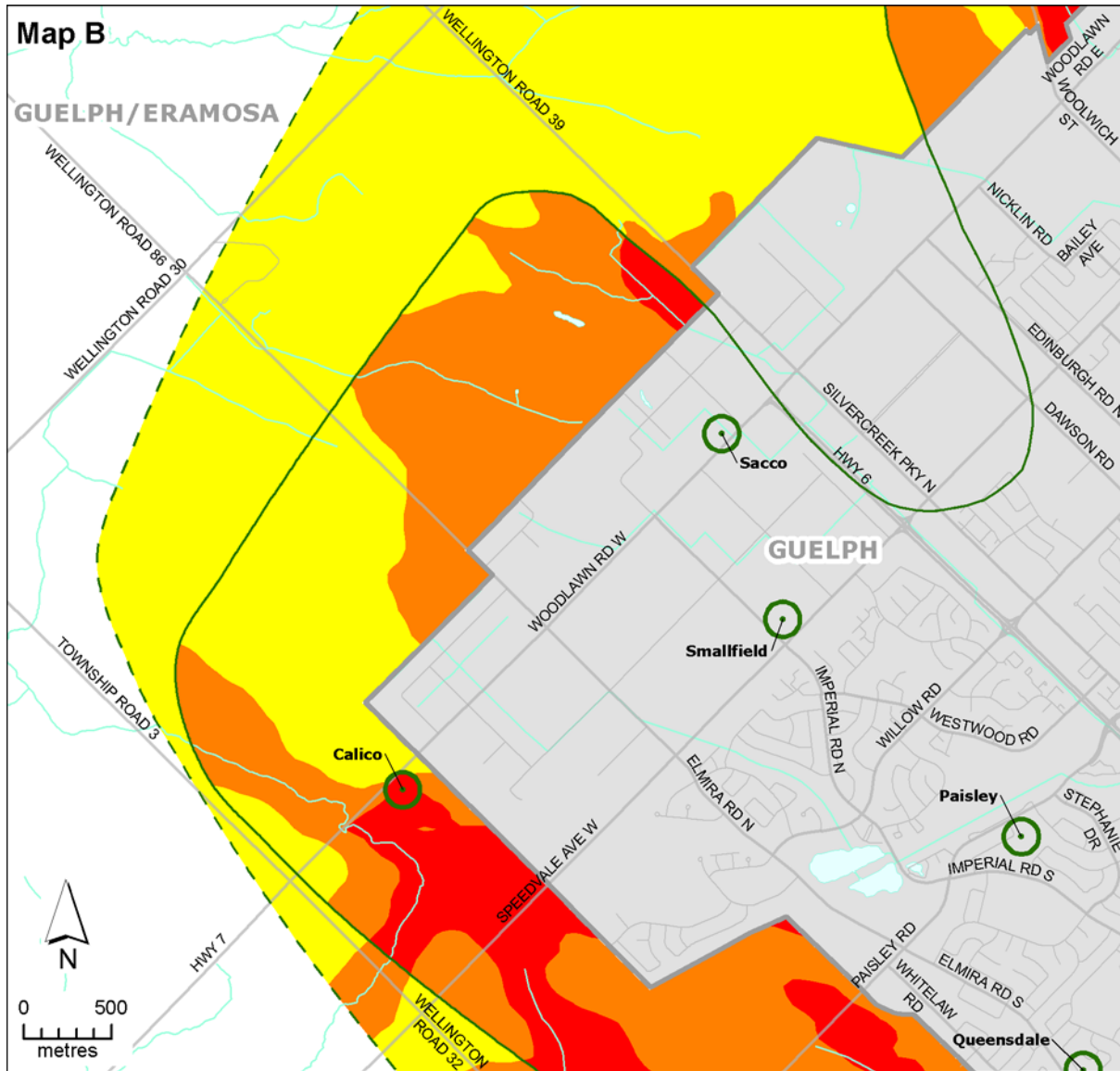
- Well
- Lower Tier Municipal Boundary
- Minor River
- Lake / Main River
- Wellington County Boundary
- Wellhead Protection Zones:
 - WHPA-A
 - WHPA-B
 - WHPA-C



Grand River Conservation Authority

1. Updated November 08, 2019
 2. Larger scale mapping of some map layers, including roads and vulnerability scores, is available at www.sourcewater.ca.
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7.16 Schedule K: County of Wellington, Township of Guelph-Eramosa, Map B



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.

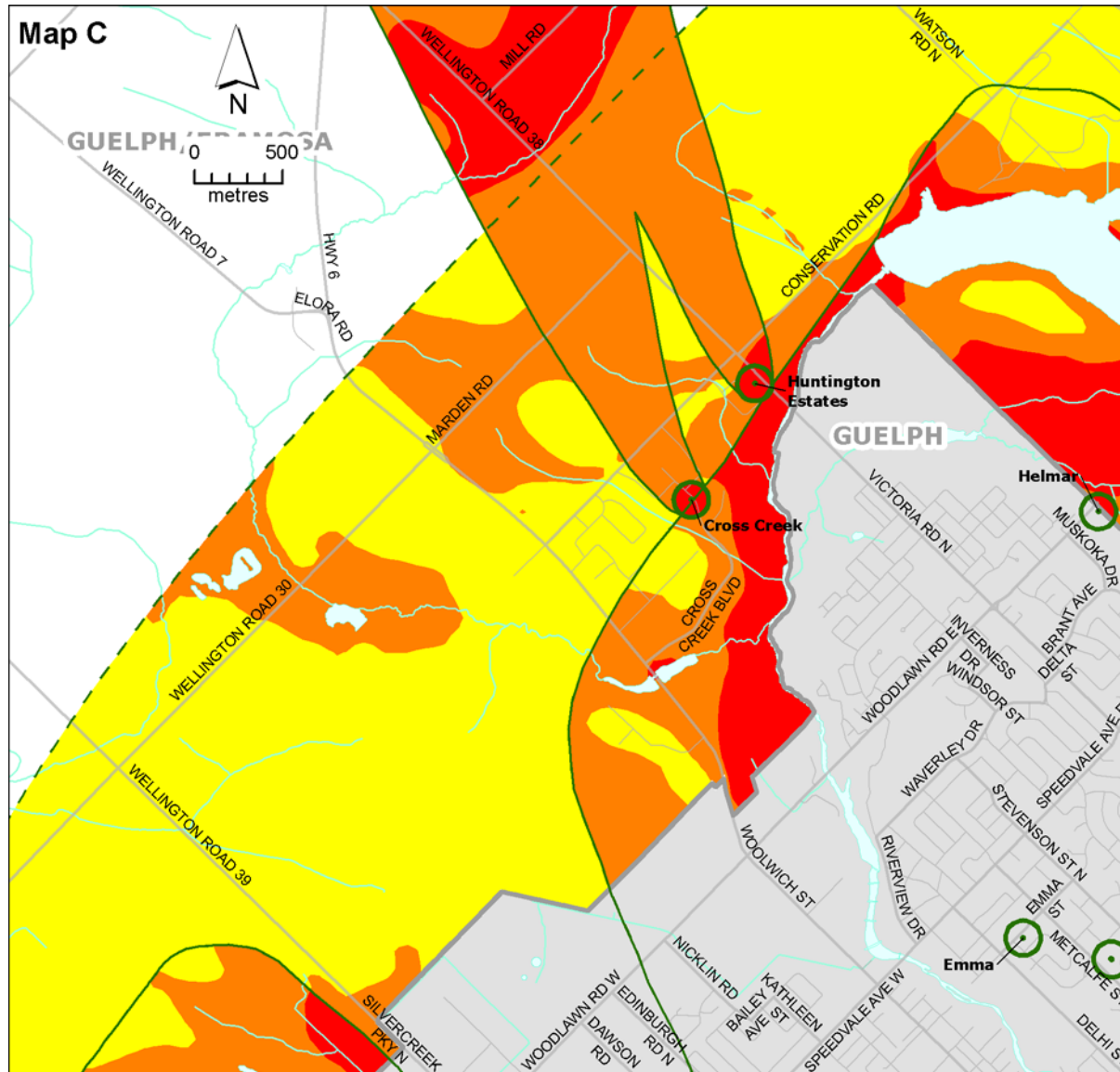
- Well
- Road
- ~ Minor River
- ☪ Lake / Main River
- ▭ Wellington County Boundary
- ▭ Lower Tier Municipal Boundary
- Wellhead Protection Zones:**
- WHPA-A
- WHPA-B
- WHPA-C



Grand River Conservation Authority

1. Updated November 08, 2019
 2. Larger scale mapping of some map layers, including roads and vulnerability scores, is available at www.sourcewater.ca.
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7.17 Schedule L: County of Wellington, Township of Guelph-Eramosa, Map C



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.

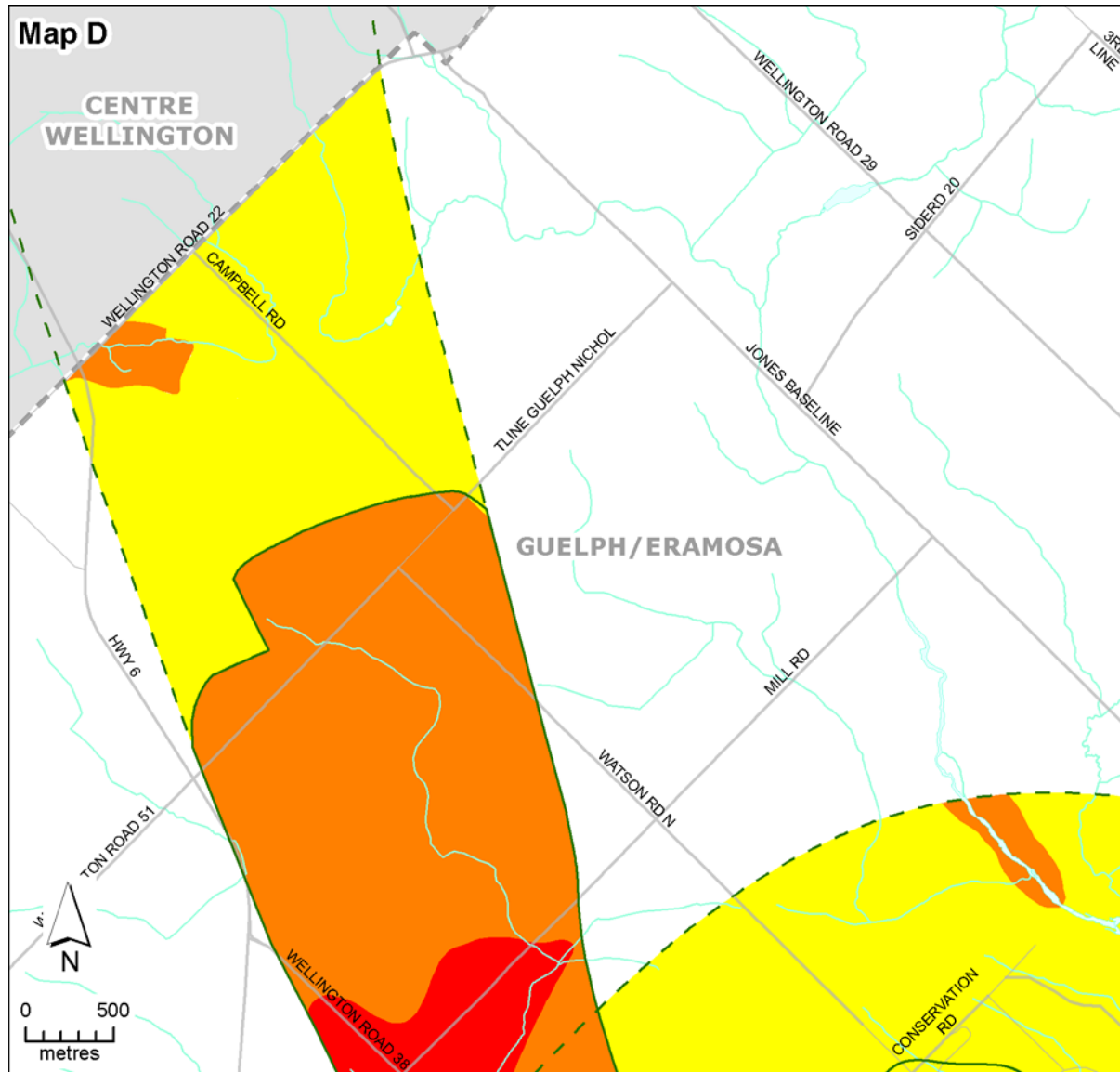
- Well
- Road
- ~ Minor River
- ☪ Lake / Main River
- ▭ Wellington County Boundary
- ▭ Lower Tier Municipal Boundary
- Wellhead Protection Zones:**
- WHPA-A
- WHPA-B
- WHPA-C



Grand River Conservation Authority

1. Updated November 08, 2019
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7.18 Schedule M: County of Wellington, Township of Guelph-Eramosa, Map D



Significant Drinking Water Threat Policy Applicability

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

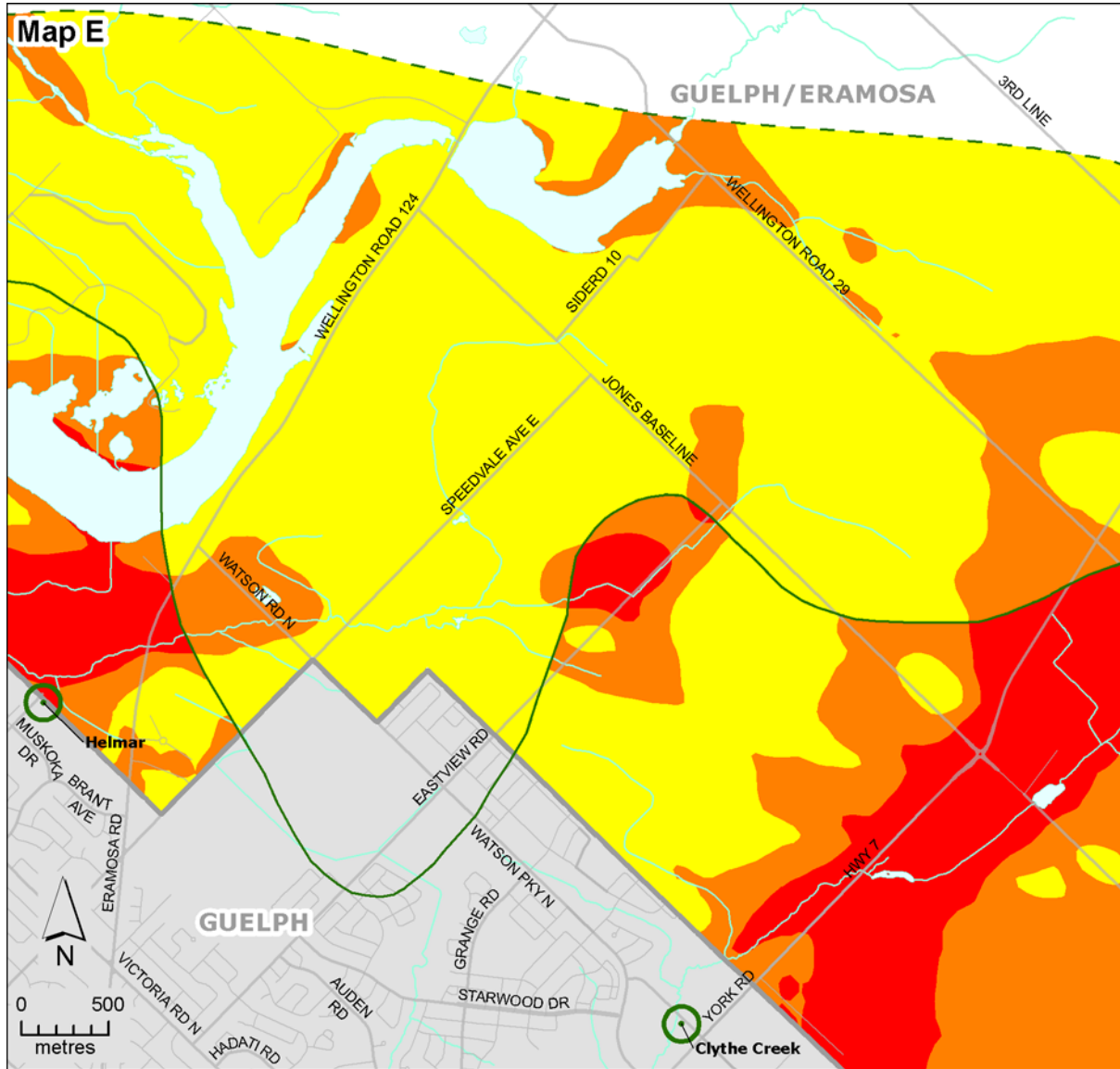
Note: This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) within Non-GUDI Wellhead Protection Zones on this map. For details refer to the Drinking Water Threats Tables from the Ministry of the Environment and Climate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

- Well
- Road
- ~ Minor River
- ~ Lake / Main River
- Wellington County Boundary
- Lower Tier Municipal Boundary
- Wellhead Protection Zones:**
- WHPA-A
- WHPA-B
- WHPA-C



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7.19 Schedule N: County of Wellington, Township of Guelph-Eramosa, Map E



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	█		

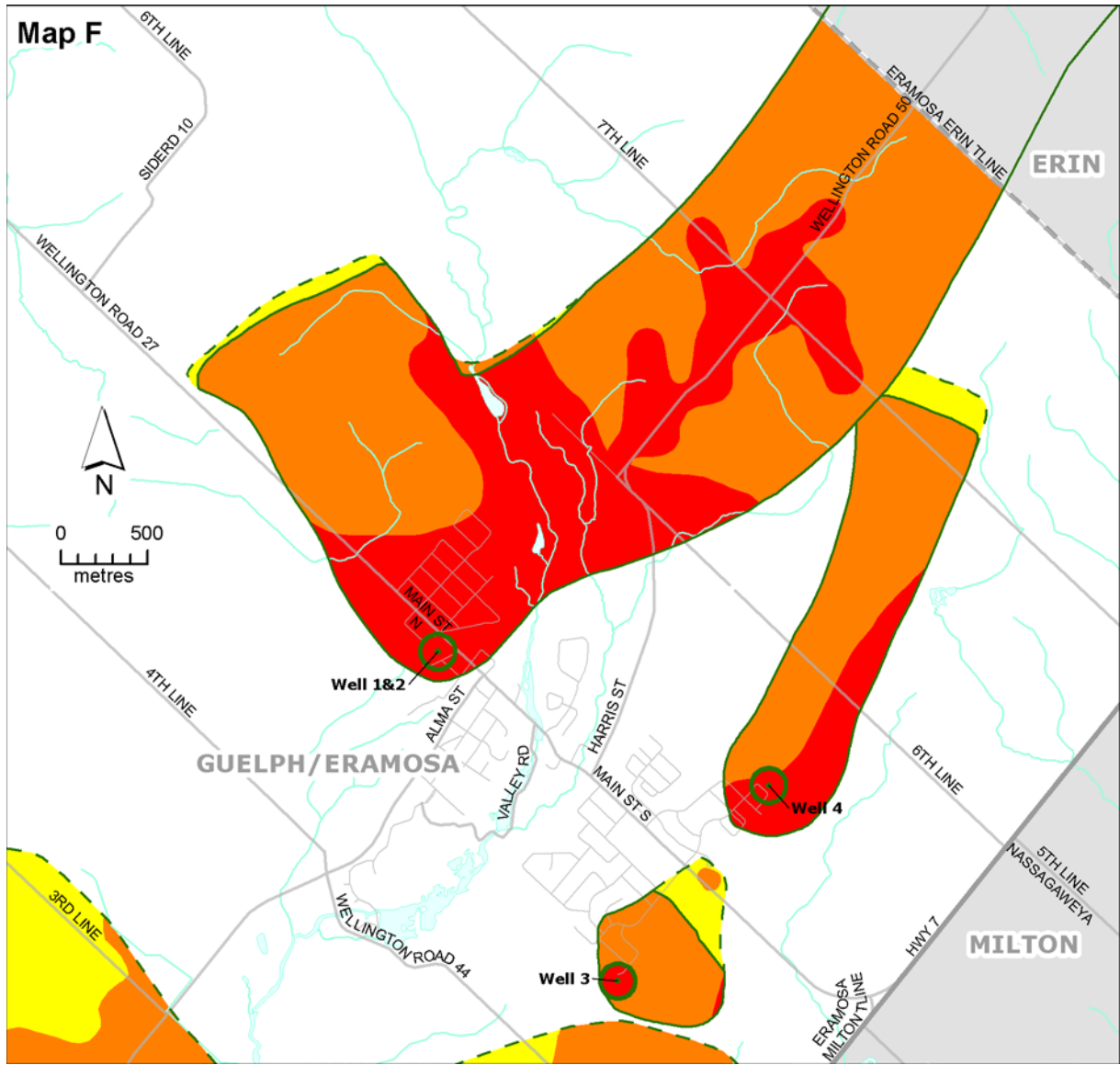
Note: This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) within Non-GUDI Wellhead Protection Zones on this map. For details refer to the Drinking Water Threats Tables from the Ministry of the Environment and Climate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

- Well
- Road
- ~ Minor River
- ☪ Lake / Main River
- ▭ Wellington County Boundary
- ▭ Lower Tier Municipal Boundary
- Wellhead Protection Zones:**
- WHPA-A
- WHPA-B
- WHPA-C



- Updated November 08, 2019
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7.20 Schedule O: County of Wellington, Township of Guelph-Eramosa, Map F



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	█		

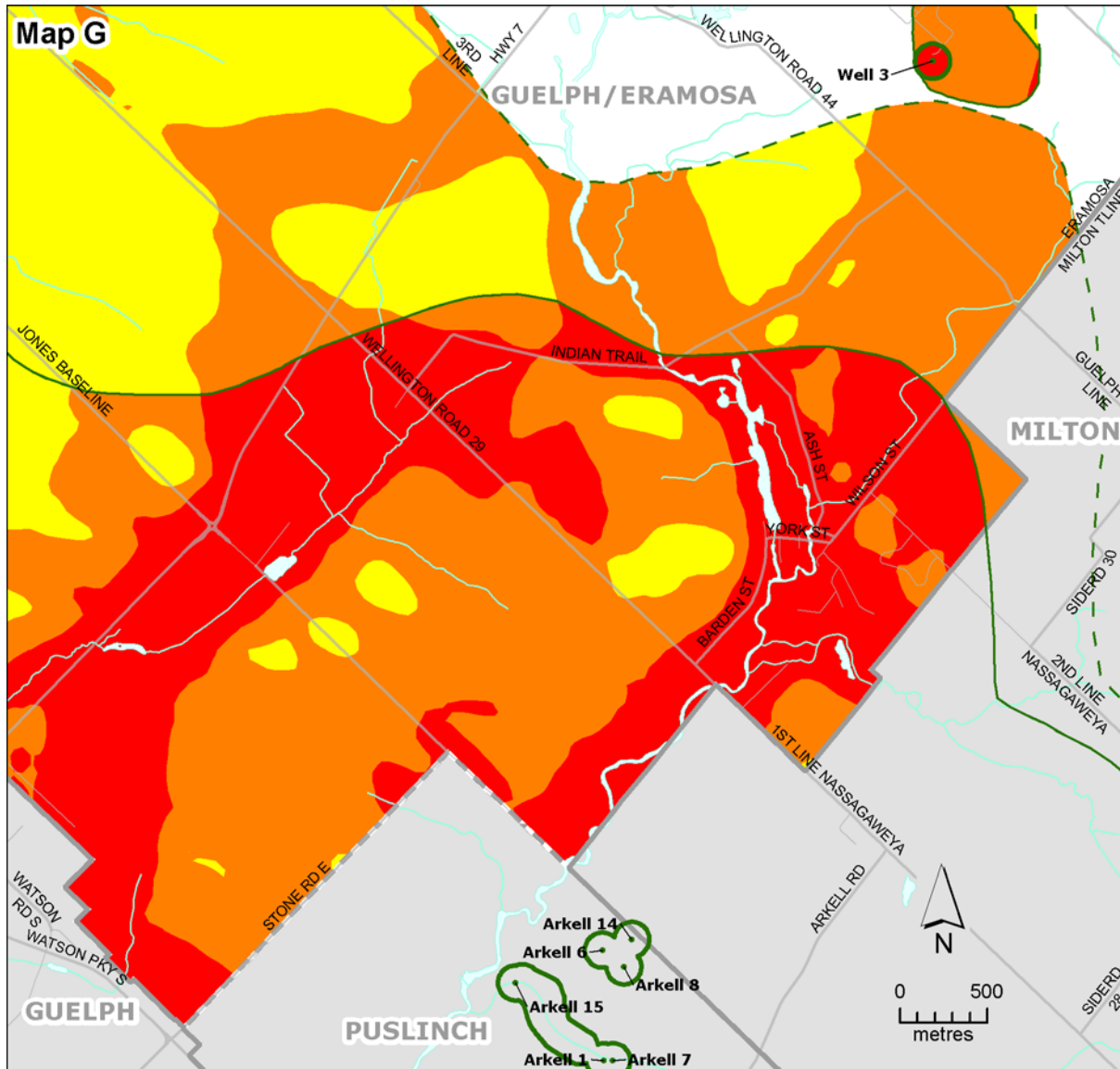
Note: This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) within Non-GUDI Wellhead Protection Zones on this map. For details refer to the Drinking Water Threats Tables from the Ministry of the Environment and Climate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

- Well
- Road
- ~ Minor River
- ~ Lake / Main River
- ▭ Wellington County Boundary
- ▭ Lower Tier Municipal Boundary
- Wellhead Protection Zones:**
- WHPA-A
- WHPA-B
- WHPA-C



1. Updated December 18, 2019
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7.21 Schedule P: County of Wellington, Township of Guelph-Eramosa, Map G



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	█	█	█

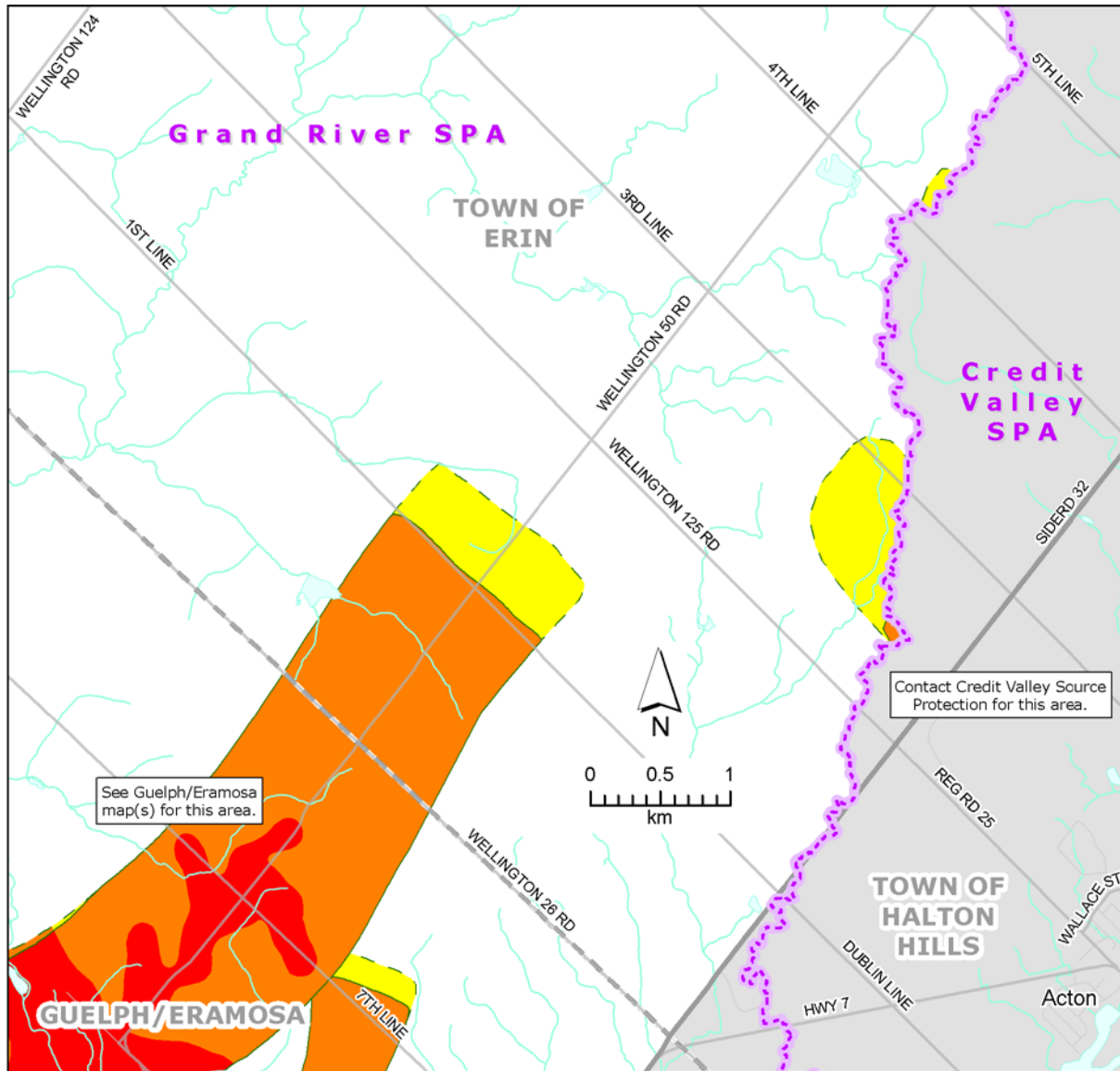
Note: This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) within Non-GUDI Wellhead Protection Zones on this map. For details refer to the Drinking Water Threats Tables from the Ministry of the Environment and Climate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

Well
 Road
 Lower Tier Municipal Boundary
 Minor River
 Lake / Main River
 Wellington County Boundary
 Wellhead Protection Zones:
 WHPA-A
 WHPA-B
 WHPA-C



1. Updated December 18, 2019
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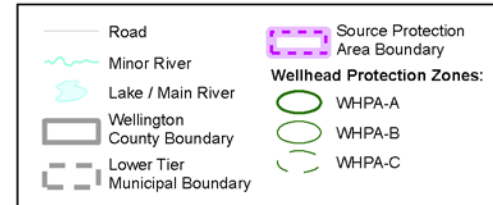
7.22 Schedule Q: County of Wellington, Town of Erin, Groundwater Vulnerability Areas



Significant Drinking Water Threat Policy Applicability

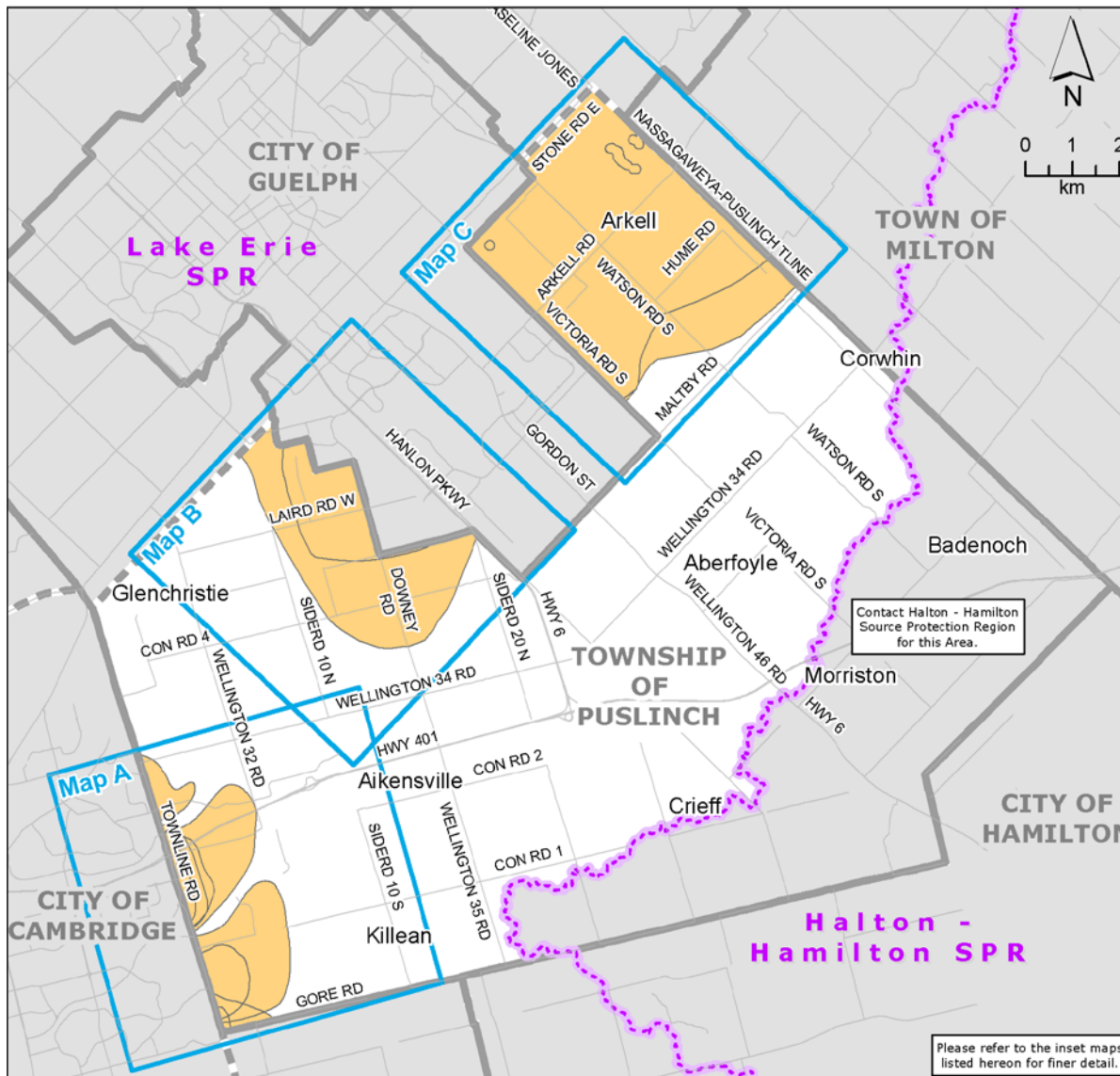
Significant Drinking Water Threat Policy Categories	Vulnerability Scores on Map		
	10	8	2,4,6
1. Waste Disposal			
2. Sewage Systems			
3, 4. Agricultural Source Material			
6, 7. Non-Agricultural Source Material*			
8, 9. Commercial Fertilizer*			
10, 11. Pesticide			
12, 13. Road Salt*			
14. Storage 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.



1. Updated September 26, 2019
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7.23 Schedule R: County of Wellington, Township of Puslinch, Index Map



Significant Drinking Water Threat Policy Applicability

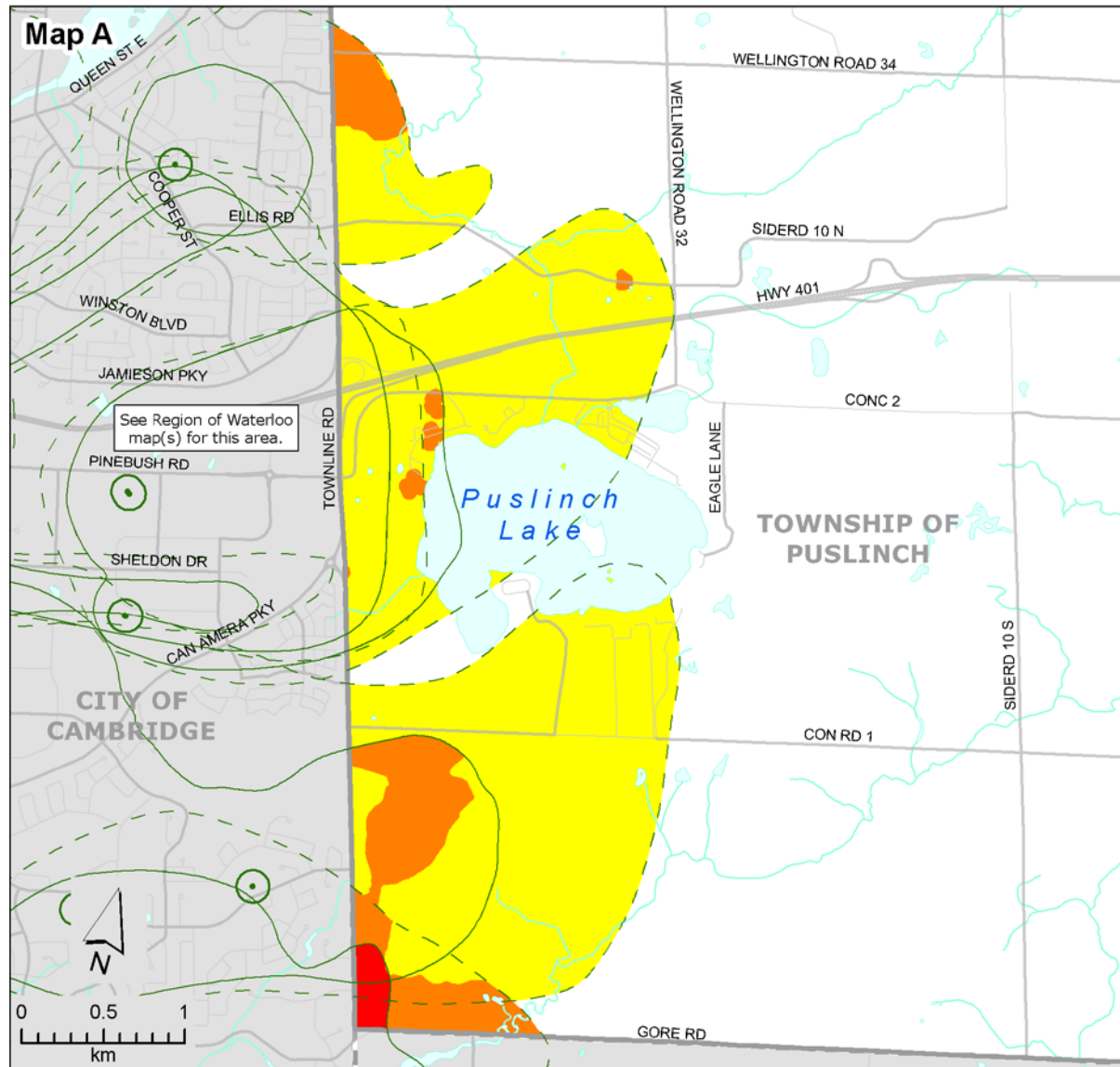
Index Map - Wellhead Protection Zones

- Main Roads
- Upper / Single Tier Municipal Boundary
- Lower Tier Municipal Boundary
- Lake Erie Source Protection Region Boundary
- Wellhead Protection Zones A, B, C
- Inset Map



1. Updated February 6, 2019
2. Larger scale mapping of some map layers, including roads and vulnerability scores, is available at www.sourcewater.ca.
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7.24 Schedule S: County of Wellington, Township of Puslinch, Map A



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.

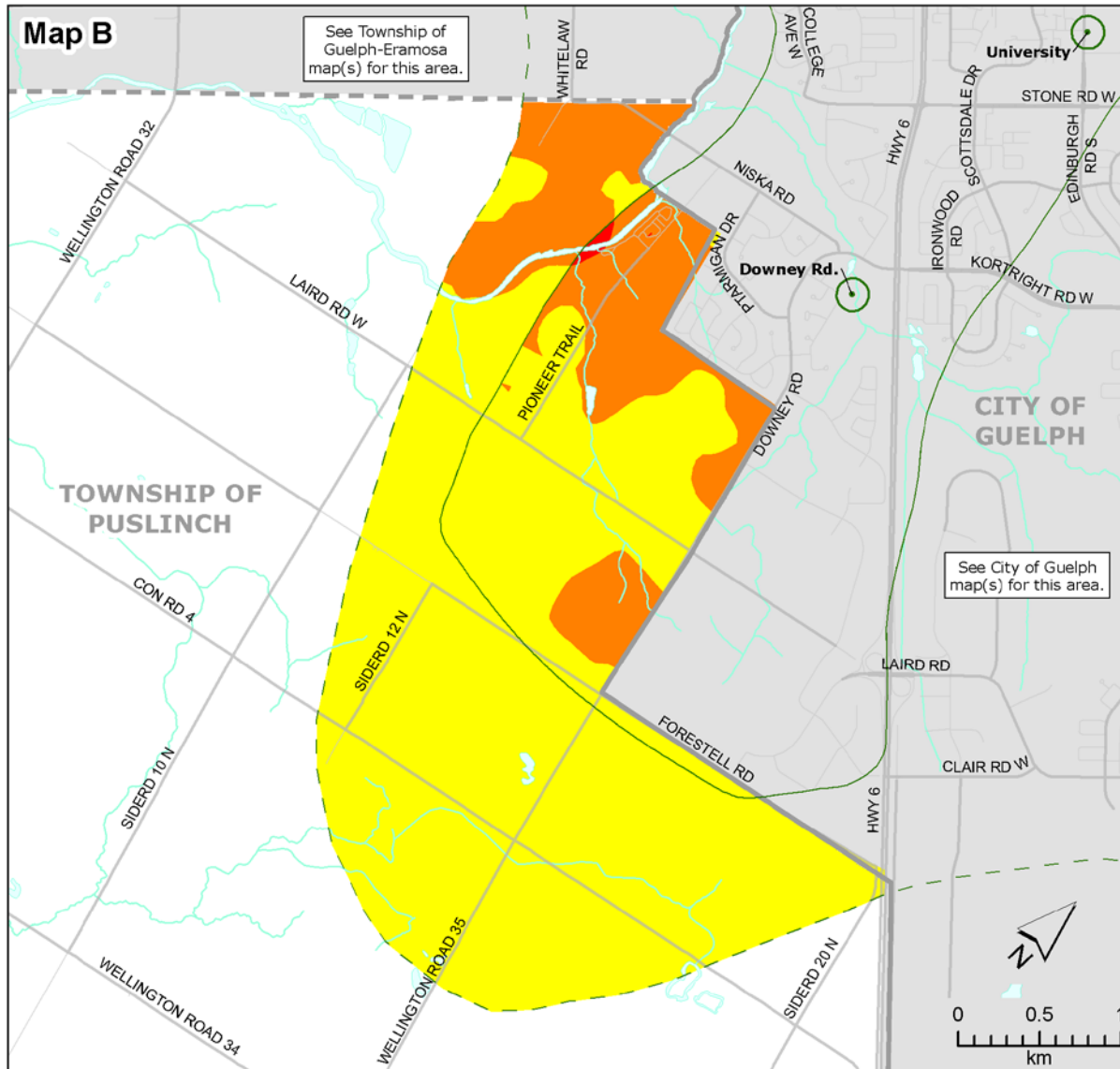
Well
 Road
 Lower Tier Municipal Boundary
 Minor River
 Lake / Main River
 Wellington County Boundary
 WHPA-A
 WHPA-B
 WHPA-C



Grand River Conservation Authority

- Updated February 7, 2019
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7.25 Schedule T: County of Wellington, Township of Puslinch, Map B



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	■	■	■

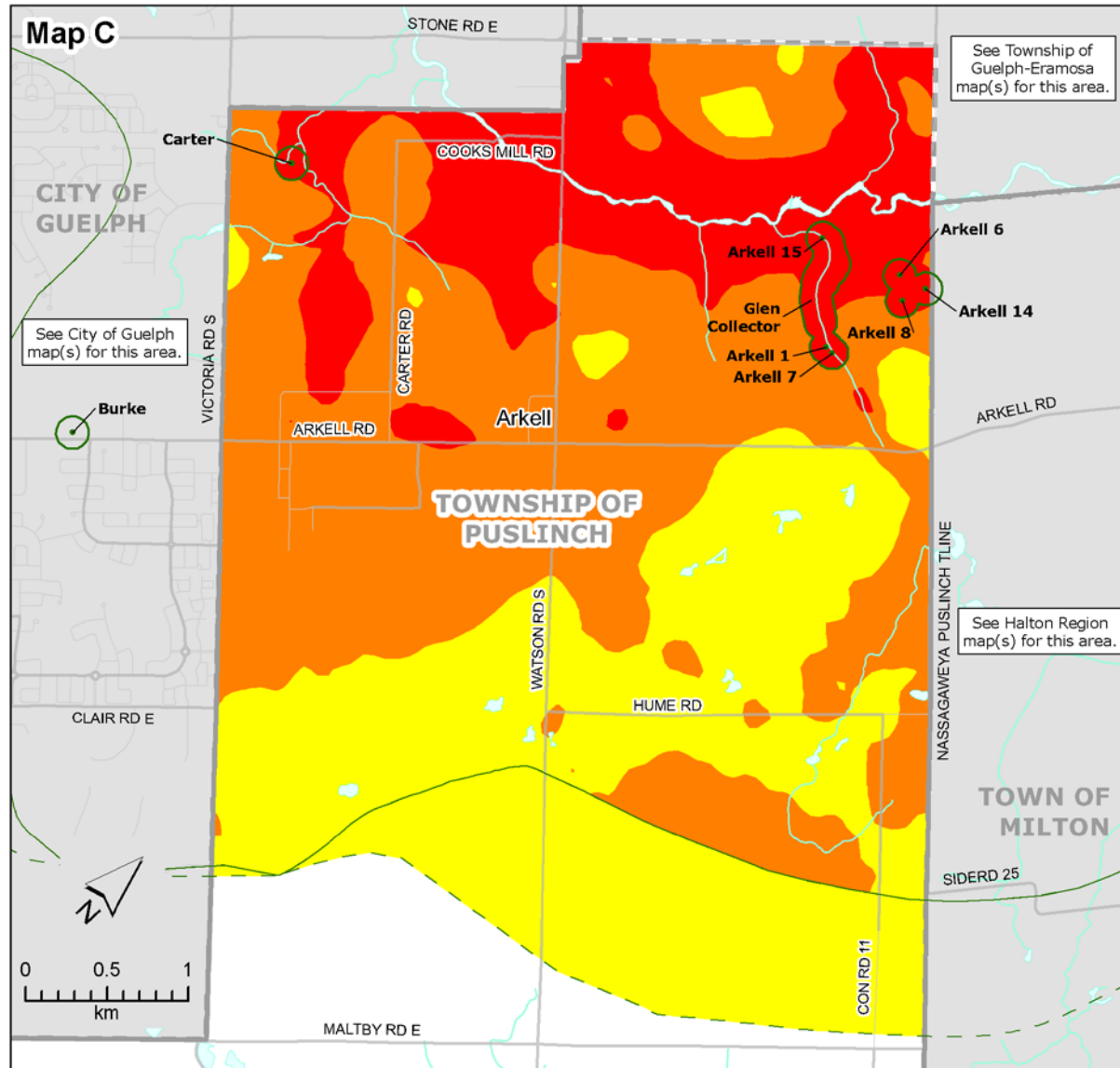
Note: This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) within Non-GUDI Wellhead Protection Zones on this map. For details refer to the Drinking Water Threats Tables from the Ministry of the Environment and Climate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

Well
 Road
 Minor River
 Lake / Main River
 Wellington County Boundary
 Lower Tier Municipal Boundary
Wellhead Protection Zones:
 WHPA-A
 WHPA-B
 WHPA-C



- Updated February 7, 2019
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7.26 Schedule U: County of Wellington, Township of Puslinch, Map C



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	█		

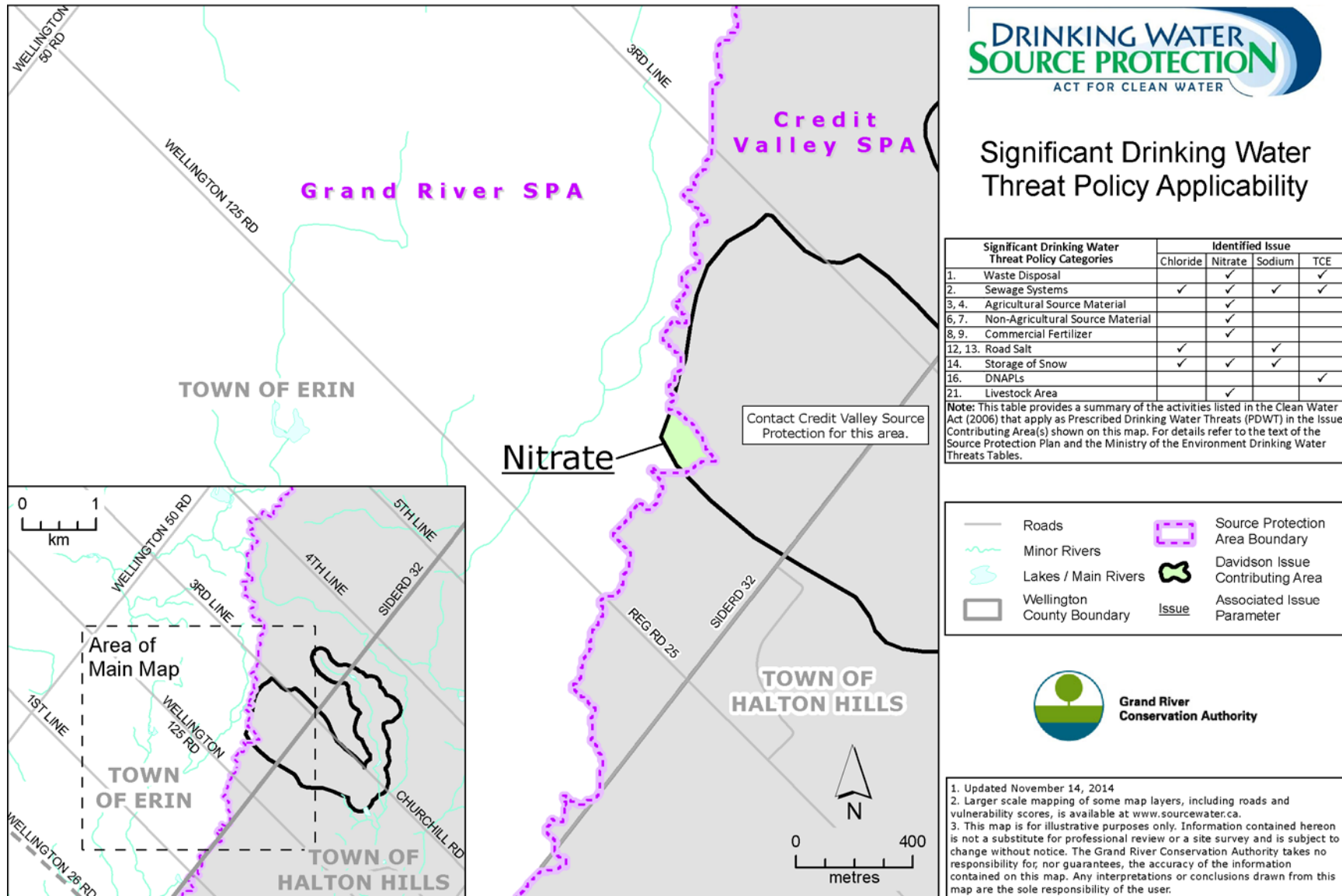
Note: This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) within Non-GUDI Wellhead Protection Zones on this map. For details refer to the Drinking Water Threats Tables from the Ministry of the Environment and Climate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

- Well
- Road
- ~ Minor River
- ~ Lake / Main River
- Wellington County Boundary
- Lower Tier Municipal Boundary
- Wellhead Protection Zones:**
- WHPA-A
- WHPA-B
- WHPA-C

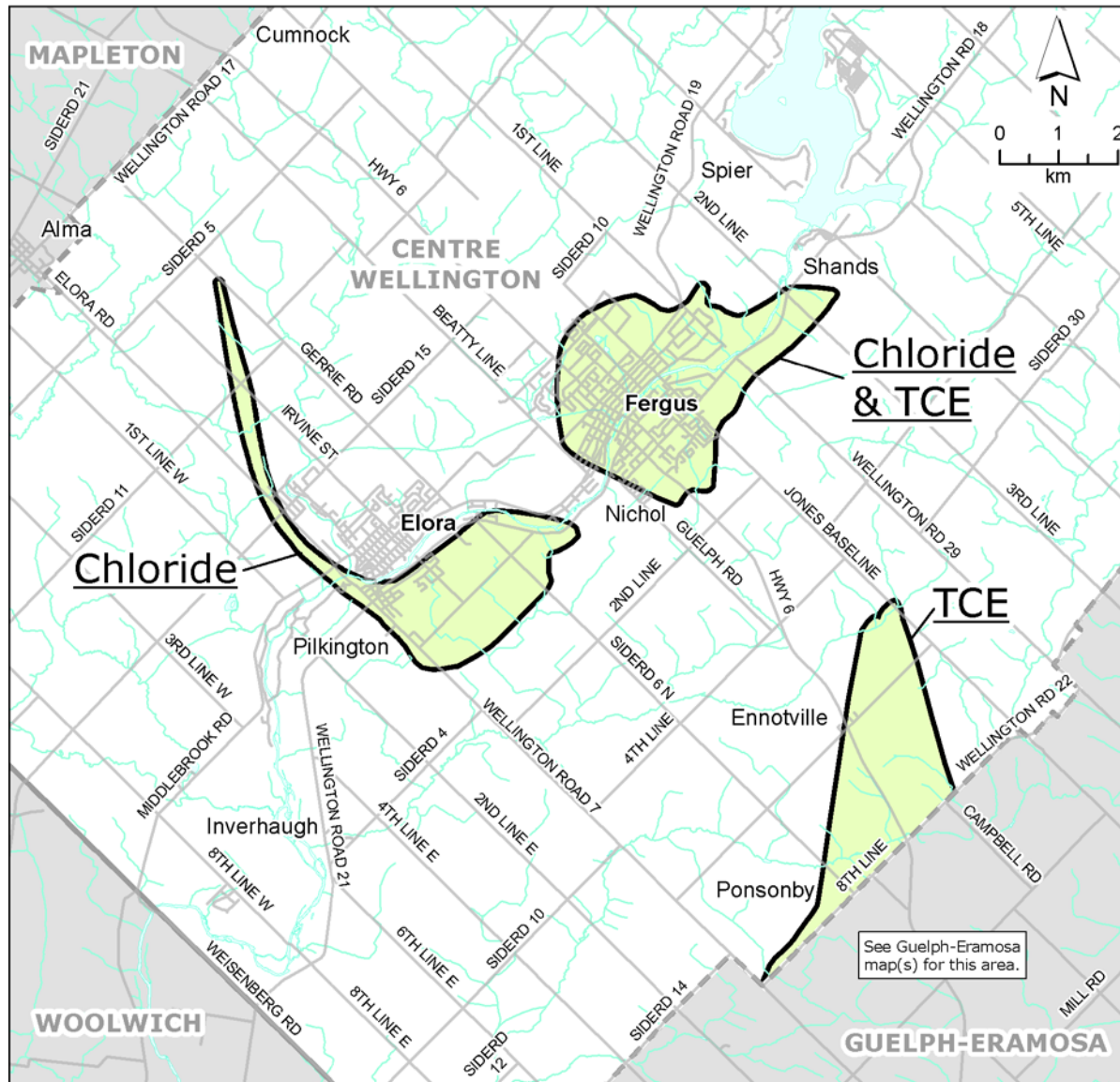


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7.27 Schedule V: County of Wellington, Town of Erin, Issue Contributing Areas



7.28 Schedule W: County of Wellington, Township of Centre Wellington, Issue Contributing Areas



Significant Drinking Water Threat Policy Applicability

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

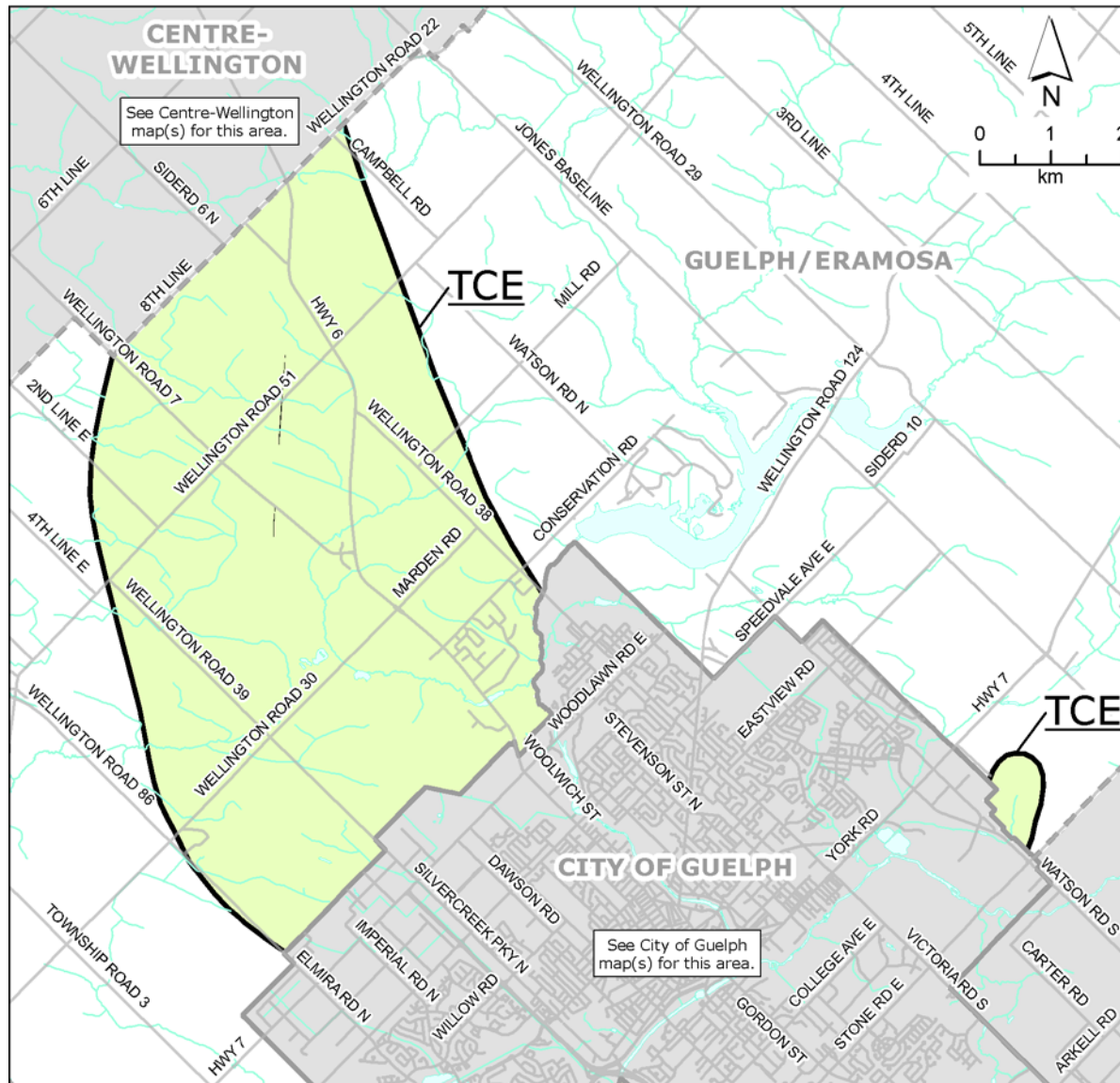
Note: This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) in the Issue Contributing Area(s) shown on this map. For details refer to the Drinking Water Threats Tables from the Ministry of the Environment and Climate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

- Roads
- Minor Rivers
- Lakes / Main Rivers
- Wellington County Boundary
- Lower Tier Boundary
- Issue Contributing Area
- Issue Associated Issue Parameter



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7.29 Schedule X: County of Wellington, Township of Guelph-Eramosa, Issue Contributing Areas



Significant Drinking Water Threat Policy Applicability

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

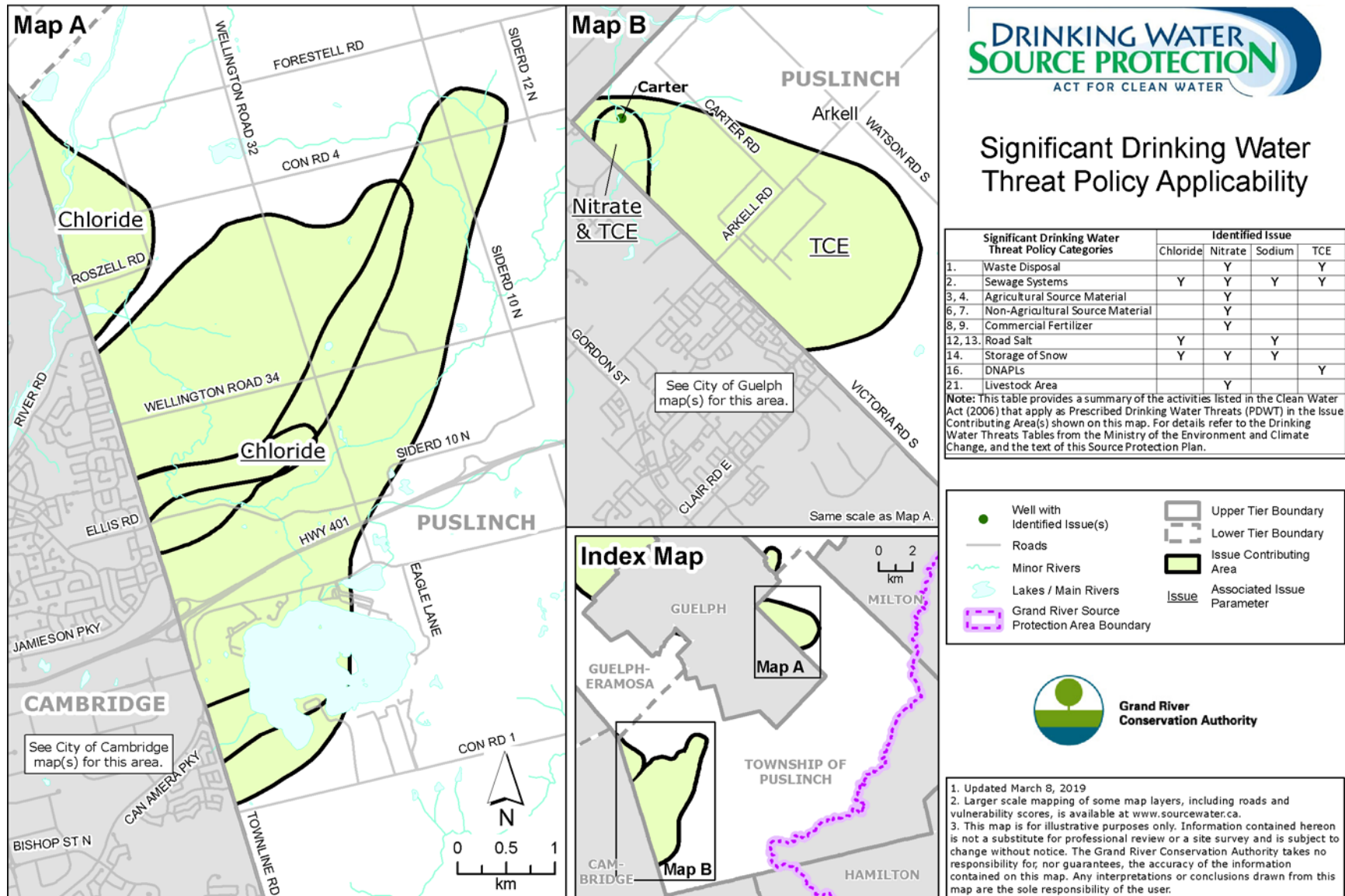
Note: This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) in the Issue Contributing Area(s) shown on this map. For details refer to the Drinking Water Threats Tables from the Ministry of the Environment and Climate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

- Roads
- Minor Rivers
- Lakes / Main Rivers
- Wellington County Boundary
- Lower Tier Boundary
- Issue Contributing Area
- Associated Issue Parameter

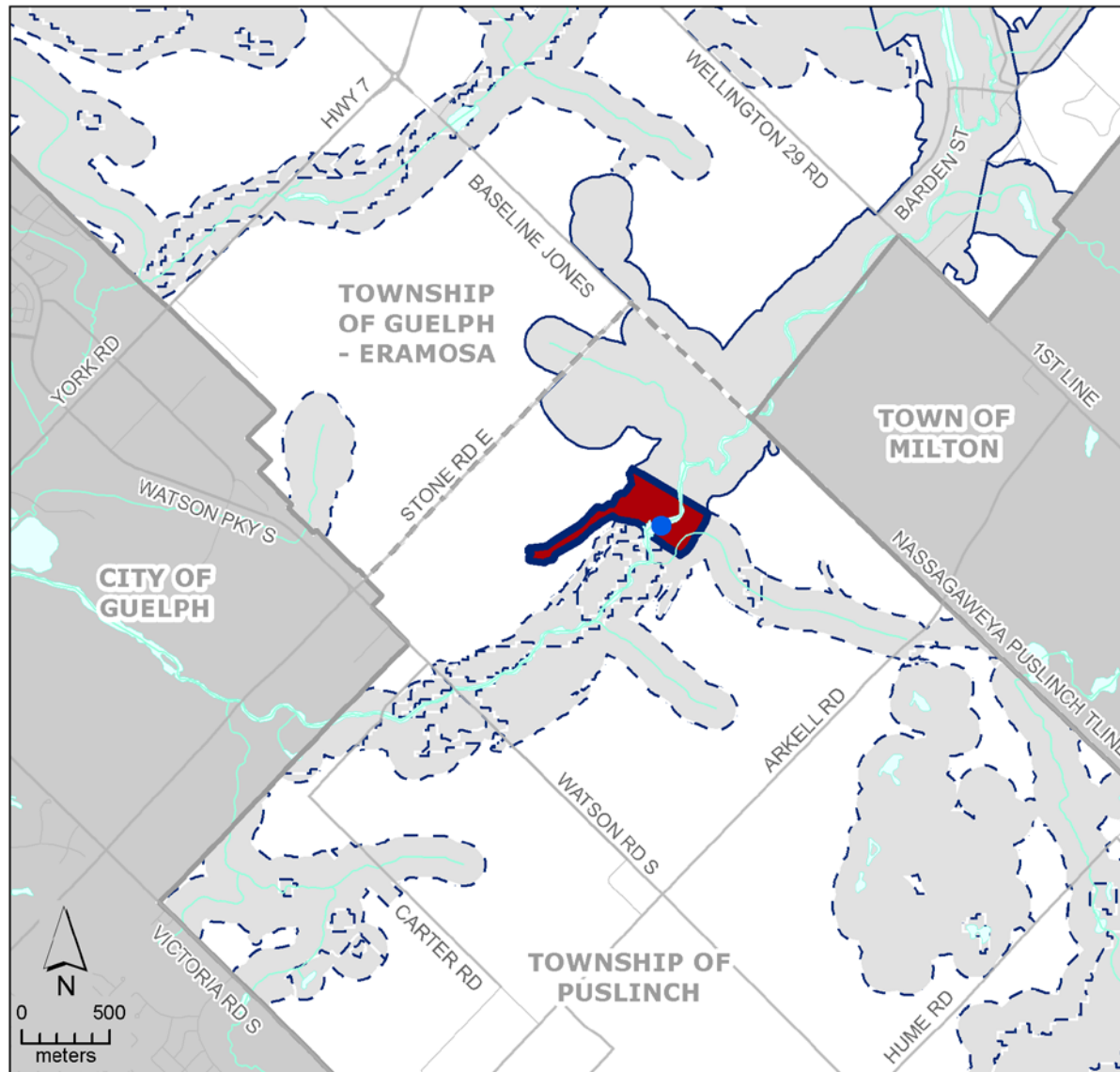


1. Updated September 26, 2019
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7.30 Schedule Y: County of Wellington, Township of Puslinch, Issue Contributing Areas



7.31 Schedule Z: County of Wellington, Intake Protection Zones



Significant Drinking Water Threat Policy Applicability

Significant Drinking Water Threat Policy Categories	Vulnerability Scores on Map		
	10	9	8
1. Waste Disposal	█		
2. Sewage Systems	█		
3, 4. Agricultural Source Material	█		
6, 7. Non-Agricultural Source Material*	█		
8, 9. Commercial Fertilizer*	█		
10, 11. Pesticide	█		
12, 13. Road Salt*	█		
14. Storage of Snow	█	█	
15. Fuel	█		
16. DNAPLs	█		
17. Organic Solvents	█		
18. Aircraft De-icing	█	█	
21. Livestock Area	█		█
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 the Intake Protection Zones shown on this map. For details refer to the text of the Source Protection Plan and the Ministry of the Environment Drinking Water Threats Tables.
*Application of Commercial Fertilizer, Non-Agricultural Source Material, and Road Salt may not be a significant drinking water threat in some areas due to the % managed land, livestock density, and/or % impervious surface calculations for these areas. See the text of the plan for further details.

● Intake
 Roads
— Minor Rivers
 Lakes / Main Rivers
 Wellington
 County Boundary

Municipal Boundary
Intake Protection Zones:
 IPZ-1
 IPZ-2
 IPZ-3



- Updated November 17, 2014
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