

Grand River Source Protection Area

SOURCE PROTECTION PLAN VOLUME II

Chapter 14: County of Brant

April 1, 2025

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14.0 COUNTY OF BRANT

The following Source Protection Plan policies apply to the vulnerable areas located within the County of Brant, including those originating from other jurisdictions including the City of Brantford and Six Nations of the Grand River.

Reference should be made to the Region of Waterloo policies for the portions of the County of Brant water supply system and vulnerable areas located within the City of Cambridge.

14.1 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 apply specifically to the County of Brant Source Protection Policies and are capitalized in the policy text:

County – means the Corporation of the County of Brant.

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

New or Future – means a use or activity that takes place at a location in a vulnerable area after the Source Protection Plan takes effect where such use or activity is not existing as defined in this Plan.

14.2 County Of Brant Source Protection Plan Policies

Policy Number	Implementation and Timing Policies
BC-CW-1.1.1 <i>Implement. & Timing</i>	This source protection plan came into effect on July 1, 2016, the effective date specified in the Notice of Approval posted on the Environmental Bill of Rights Registry. Amendments to the Source Protection Plan are permitted in accordance with the <i>Clean Water Act, 2006</i> , and the General Regulations. The effective date for amended policies, only including but not limited to the addition of new drinking water threats and regulated areas and activities, is the date of posting of the Notice of Approval of the amendment provisions on the Environmental Bill of Rights Registry.
BC-CW-1.1.2 <i>Implement. & Timing</i>	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. <ul style="list-style-type: none"> a. For Section 57 of the <i>Clean Water Act, 2006</i>, if an activity was engaged in at a particular location before the relevant policies within this Source Protection Plan took effect, policies regarding prohibited activities do not apply to a person who engages in the activity at that location until 180 days from the date the Source Protection Plan comes into effect; b. For Section 58 of the <i>Clean Water Act, 2006</i>, if an activity was engaged in at a particular location before the relevant policies within this Source Protection Plan or amendment took effect and the Risk Management Official gives notice to a person who is engaged in the activity at that location that, in the opinion of the Risk Management Official, policies regarding regulated activities 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; c. For Section 59 of the <i>Clean Water Act, 2006</i>, policies regarding restricted land uses shall come into effect the same day the relevant policies within the Source Protection Plan comes into effect; d. Where the Source Protection Policies require the County and/or the Source Protection Authority to develop and implement education and outreach programs as the primary tool for managing or eliminating a particular significant threat, such programs shall be developed and implemented within five (5) years from the date the relevant policies within the Source Protection Plan comes into effect; e. For Sections 43 of the <i>Clean Water Act, 2006</i>, if an activity was engaged in at a particular location immediately before the relevant policies within this Source Protection Plan took effect, amendments to Prescribed Instruments shall be completed

Policy Number	Implementation and Timing Policies
	<p>within three (3) years from the date the Source Protection Plan or amendment comes into effect;</p> <p>For Section 40 and 42 of the <i>Clean Water Act, 2006</i>, the Official Plan must be amended and adopted by council to conform with the significant threat policies within five (5) years from the date the relevant policies within the Source Protection Plan comes into effect or the next Official Plan review required under Section 26 of the <i>Planning Act</i> and the Zoning By-law within two (2) years from adoption of the Official Plan conformity amendment.</p>

Policy Number	Transition Policies
BC-CW-1.2 <i>Transition</i>	<p>Despite the definition of existing, for the purposes of this Plan, where one or more of the following:</p> <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 shall be permitted subject to the policies pertaining to existing significant drinking water threats. Where the above noted applications have lapsed or been withdrawn, the above noted transition policies shall no longer apply.</p>

Policy Number	Uses and Areas Designated as Restricted Land Uses Policies
BC-CW-1.3 <i>Part IV- RLU</i>	<p>In accordance with Section 59 of the <i>Clean Water Act, 2006</i>, all land uses, except solely residential uses, where significant drinking water threat activities have been designated for the purpose of Section 57 or Section 58 of the <i>Clean Water Act, 2006</i>, are hereby designated as Restricted Land Uses and a written notice from the Risk Management Official is 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 site specific proposed land use that is the subject of an application for an approval under the <i>Planning Act</i> (as prescribed in O. Reg. 287/07 Section 62), or for a permit under the <i>Building Code Act</i>, is not designated for the purpose of Section 59 if the applicant can demonstrate to the satisfaction of the planning authority or the building official, as the case may be, that a significant drinking water threat activity designated for the purposes of Section 57 or 58 will not be engaged in.</p>

Policy Number	Official Plan and Zoning By Law Amendment(s) Policies
BC-MC-1.4 <i>Future Land Use Planning</i>	<p>The County shall amend their Official Plan and Zoning By-Laws to:</p> <ol style="list-style-type: none"> Identify the vulnerable areas in which drinking water threats prescribed under the <i>Clean Water Act, 2006</i> would be significant; 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 as regulated by the Source Protection Plan; and Incorporate any other amendments required to conform with the threat specific land use policies identified in this Source Protection Plan.

Policy Number	Education and Outreach Program Policies
BC-CW-1.5 <i>Existing/Future Education & Outreach</i>	<p>The County, in collaboration with Conservation Authorities and other bodies wherever possible, may develop and implement education and outreach programs directed at any, or all, significant drinking water threats where such programs are deemed necessary and/or appropriate by the County. Such programs may include, but not necessarily be limited to, increasing awareness and understanding of significant drinking water threats and promotion of best management practices.</p>

Policy Number	Incentive Program Policies
BC-CW-1.6 <i>Existing/Future Incentive</i>	<p>The County, in collaboration with other bodies and levels of government wherever possible, may develop and implement incentive programs directed at various significant drinking water threats where such programs are deemed necessary and/or appropriate by the County, subject to available funding.</p>
BC-NB-1.7 <i>Existing/Future Incentive</i>	<p>The Ministry of the Environment, Conservation and Parks and other provincial ministries shall consider providing continued funding and support for incentive programs to protect existing and future drinking water sources and address significant drinking water threats, such as the Ontario Drinking Water Stewardship Program and Rural Water Quality Program.</p>
BC-NB-1.8 <i>Existing Incentive</i>	<p>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:</p> <ol style="list-style-type: none"> The application of agricultural source material to land; The storage of agricultural source material; and

	c. The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard.
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Policy Number	Annual Reporting Policies
BC-CW-1.9 <i>Monitoring</i>	The County shall provide a report to the Source Protection Authority, by February 1 st of each year, summarizing the actions taken to implement the Source Protection Plan Policies. Where the County is required to implement education and outreach programs as the primary means of managing the risk associated with significant drinking water threats, the report 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.
BC-CW-1.10 <i>Monitoring</i>	Where the County is required to amend their Official Plan and/or Zoning By-law to bring their planning documents into conformity with the Source Protection Plan, the County shall provide proof of compliance to the Source Protection Authority and shall provide a copy of such compliance within 30 days of the amendment(s) coming into effect or, where the matter has been appealed to the Ontario Municipal Board, the date of their decision to approve.
BC-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.
BC-CW-1.12 <i>Monitoring</i>	Where the Source Protection Plan policies may result in amendments to Prescribed Instruments or the issuance of a new Prescribed Instrument, the applicable ministry shall provide a summary of any actions taken the previous year to implement the policies and provide a written report summarizing this information to the Source Protection Authority by February 1 st of each year.
BC-CW-1.13 <i>Monitoring</i>	Where the Source Protection Plan policies prohibit an activity that results in a denial of a Prescribed Instrument, the applicable ministry shall summarize the actions taken the previous year to implement the policies and provide a written report summarizing this information to the Source Protection Authority by February 1 st of each year.

Policy Number	Conditions Policies
BC-MC-1.16 <i>Existing Prescribed Instr. WHPA- B</i>	To address conditions resulting from past activities that are significant drinking water threats, the Ministry of the Environment, Conservation and Parks shall: a. Ensure that all Prescribed Instruments issued for Condition Sites include terms and conditions, as appropriate, to ensure that the risk to drinking water sources is managed. Appropriate

Policy Number	Conditions Policies
<i>Condition Sites Identified</i>	<p>conditions may include requirements for source control, remediation to provincial standards, monitoring and Contaminant Management Plans;</p> <p>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 the Environment, Conservation and Parks, Source Protection Authority and the municipality on an annual basis; and</p> <p>c. Provide to the County of Brant a copy of the new or revised Prescribed Instrument.</p>
BC-MC-1.17 <i>Future Land Use Planning WHPA-B Condition Sites Identified</i>	To address Conditions sites that are significant drinking water threats resulting from past activities, the County shall amend their Official Plan to require that as a component of a complete application under the <i>Planning Act</i> , the completion of the contaminated sites protocol is required, inclusive of the requirement that a record of site condition is to be provided as appropriate.
BC-CW-1.18 <i>Existing Specify Action Education & Outreach Condition Sites Identified</i>	<p>To address Conditions resulting from past activities that are significant drinking water threats, the County shall:</p> <p>a. Continue to support environmental investigation, remediation and redevelopment through the incentives provided through the Community Improvement Plans; and</p> <p>b. Implement an education program on drinking water issues associated with contaminated sites including the protection of drinking water sources and the use of the Record of Site Condition process as a best management practice to address Condition sites.</p>

Policy Number	Strategic Action Policies: Spill Prevention, Spill Contingency or Emergency Response Plans
BC-NB-1.19 <i>Future Specify Action</i>	<p>To ensure spill prevention plans, contingency plans, and emergency response plans are updated for the purpose of protecting drinking water sources with respect to spills that occur within a WHPA or IPZ along highways, or railway lines:</p> <p>a. The County is requested to incorporate the location of WHPAs and IPZs into their emergency response plans in order to protect drinking water sources when a spill occurs along highways or rail lines; and</p> <p>b. The Ministry of the Environment, Conservation and Parks is requested to provide mapping of the identified vulnerable areas</p>

Policy Number	Strategic Action Policies: Spill Prevention, Spill Contingency or Emergency Response Plans
	to assist the Spills Action Centre in responding to reported spills along transportation corridors.

Policy Number	Strategic Action Policies: Transport Pathways
BC-NB-1.20 <i>Existing/Future Specify Action</i>	To achieve the intent of the Clean Water Act, 2006, the County is requested to support ongoing programs, which encourage the decommissioning of abandoned wells as per O. Reg. 903, within all vulnerable areas where there is or would be a significant drinking water threat.

Policy Number	Interpretation Policies
BC-CW-1.21 <i>Interpretation of Source Protection Plan</i>	<p>The Source Protection Plan provides policies to meet the objectives of the <i>Clean Water Act, 2006</i>. The Source Protection Plan consists of the written policy text and Schedules.</p> <p>a. The Schedules in the Source Protection Plan identify the areas where the policies of the Source Protection Plan apply. The boundaries for the circumstances shown on the Plan Schedules are general. More detailed interpretation of the boundaries relies on the mapping in the approved Assessment Report and the Specific Circumstances found in the Tables of Drinking Water Threats, <i>Clean Water Act, 2006</i>.</p> <p>Where any Act or portion of an Act of the Ontario Government or Canadian Government is referenced in this Plan, such reference shall be interpreted to refer to any subsequent renaming of sections in the Act as well as any subsequent amendments to the Act, or successor thereof. This provision is also applicable to any policy statement, regulation or guideline issued by the Province or the municipality.</p>

14.3 Policies Addressing Prescribed Drinking Water Threats

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

Policy Number	
BC-MC-2.1 <i>Existing Prescribed Instr. WHPA-A-v.10; WHPA-B-v.10; WHPA-B-v.8; WHPA-C-v.8;</i>	To ensure any existing waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> that is subject to an Environmental Compliance Approval, ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, the Ministry of the Environment, Conservation and Parks shall review, and if necessary, amend Environmental Compliance Approvals to ensure that terms and conditions are incorporated that,

Policy Number	
<i>IPZ-2-v.9;</i> <i>IPZ-2-v.8</i> <i>IPZ-3-v.8;</i> <i>Nitrate WHPA-</i> <i>ICA</i>	when implemented, ensure that the waste disposal site is managed to reduce the risk to municipal drinking water sources.
BC-CW-2.2 <i>Existing</i> <i>Part IV-RMP</i> <i>WHPA-A-v.10;</i> <i>WHPA-B-v.10;</i> <i>WHPA-B-v.8;</i> <i>WHPA-C-v.8;</i> <i>IPZ-2-v.9;</i> <i>Nitrate WHPA-</i> <i>ICA</i>	To ensure any existing waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> , which does not require an Environmental Compliance Approval under Part V of the <i>Environmental Protection Act</i> , ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act</i> , 2006 and a Risk Management Plan shall be required.
BC-MC-2.3 <i>Future</i> <i>Prescribed Instr.</i> <i>WHPA-A-v.10;</i> <i>WHPA-B-v.10;</i> <i>WHPA-B-v.8;</i> <i>WHPA-C-v.8;</i> <i>IPZ-2-v.9;</i> <i>IPZ-2-v.8</i> <i>IPZ-3-v.8;</i> <i>Nitrate WHPA-</i> <i>ICA</i>	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, the Ministry of the Environment, Conservation and Parks shall prohibit this activity within the Environmental Compliance Approval process.
BC-CW-2.4 <i>Future</i> <i>Part IV-Prohibit</i> <i>WHPA-A-v.10;</i> <i>WHPA-B-v.10;</i> <i>WHPA-B-v.8;</i> <i>WHPA-C-v.8;</i> <i>IPZ-2-v.9;</i> <i>Nitrate WHPA-</i> <i>ICA</i>	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 (except for the storage of wastes described in clauses (p), (q), (r), (s), (t), or (u) of the definition of hazardous wastes, or in clause (d) of the definition of liquid industrial waste; storage of hazardous or liquid industrial waste; or storage of polychlorinated biphenyls (PCB) waste), where this activity would be a significant drinking water threat, this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act</i> , 2006 and shall be prohibited.
BC-CW-2.5 <i>Future</i> <i>Part IV-RMP</i> <i>WHPA-A-v.10;</i>	To ensure the establishment, operation or maintenance of a new waste disposal site, or aspect thereof, within the meaning of Part V of the <i>Environmental Protection Act</i> , which does not require an Environmental Compliance Approval and comprises one of the following waste disposal site threat subcategories:

Policy Number	
<p><i>WHPA-B-v.10; IPZ-2-v.9;</i></p>	<p>a. storage of wastes described in clauses (p), (q), (r), (s), (t), or (u) of the definition of hazardous waste, or in clause (d) of the definition of liquid industrial waste;</p> <p>b. storage of hazardous or liquid industrial waste; or</p> <p>c. storage of polychlorinated biphenyls (PCB) waste</p> <p>and where such waste disposal site would be a significant drinking water threat, it shall be designated for the purpose of Section 58 of the Clean Water Act and a Risk Management Plan shall be required to manage the activity such that it never becomes a significant drinking water threat.</p> <p>The requirements of the Risk Management Plan may be based on Ministry of the Environment, Conservation and Parks tools and requirements for such activities, as set out in the <i>Environmental Protection Act</i>, but may also include any modifications or additional requirements that are deemed necessary or appropriate by the Risk Management Official.</p>
<p>BC-CW-2.6</p> <p><i>Existing/Future Education & Outreach WHPA-A-v.10; WHPA-B-v.10; WHPA-B-v.8; WHPA-C-v.8; IPZ-2-v.9; Nitrate WHPA-ICA</i></p>	<p>The County in collaboration with Conservation Authorities and other bodies wherever possible, shall develop and implement education and outreach programs for such activities that involve existing and future establishment, operation or maintenance of a waste disposal site, within the meaning of Part V of the <i>Environmental Protection Act</i> within vulnerable areas, that do not require an Environmental Compliance Approval. The program should focus on the proper handling, storage and disposal of wastes to ensure that these activities cease to be or never become significant drinking water threats.</p>

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

Policy Number	
<p>BC-CW-3.1</p> <p><i>Existing/Future Specify Action WHPA-A-v.10; WHPA-B-v.10 Nitrate WHPA-ICA Chloride WHPA-ICA</i></p>	<p>To ensure existing or new onsite sewage systems and holding tanks, with a design flow of less than or equal to 10,000 Litres per day and subject to approval under the Ontario Building Code Act or the Ontario Water Resources Act, ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the County shall implement an on-site sewage system maintenance inspection program. Inspections should be prioritized based on the proximity to the drinking water supply.</p>
<p>BC-MC-3.2</p> <p><i>Existing/Future</i></p>	<p>To ensure existing or future onsite sewage system, with a design flow of greater than 10,000 Litres per day and regulated under the <i>Ontario Water Resources Act</i> ceases to be or never becomes</p>

Policy Number	
<i>Prescribed Instr.</i> <i>WHPA-A-v.10;</i> <i>WHPA-B-v.10</i> <i>Nitrate WHPA-ICA</i> <i>Chloride WHPA-ICA</i>	<p>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 prepare or review and, if necessary, amend Environmental Compliance Approvals to incorporate terms and conditions that, when implemented, ensure that these septic systems are managed to reduce the risk to municipal drinking water sources.</p> <p>The terms and conditions may include, as appropriate, requirements for the proponent/applicant to undertake mandatory monitoring of groundwater impacts, contingencies in the event that drinking water quality is adversely affected, regular and ongoing compliance monitoring, mandatory system inspections at least every five (5) years, and upgrading of these septic systems to current standards, if necessary. In addition, the terms and conditions may include the proponent/applicant to provide annual reporting to the Source Protection Authority and County of any monitoring and inspection programs required and their results.</p>
BC-MC-3.3 <i>Existing/Future</i> <i>Prescribed Instr.</i> <i>WHPA-A-v.10;</i> <i>WHPA-B-v.10;</i> <i>WHPA-B-v.8;</i> <i>WHPA-C-v.8;</i> <i>IPZ-2-v.9;</i> <i>IPZ-2-v.8</i> <i>IPZ-3-v.8</i> <i>Nitrate WHPA-ICA</i>	<p>To ensure any existing or new sewage treatment plant with effluent discharge, or any existing or new sewage treatment plant bypass discharge to surface water, or any existing or new sewage treatment plant with sewage storage tanks cease to be or never become significant drinking water threats, where these activities are, or would be significant drinking water threats, the Ministry of the Environment, Conservation and Parks shall review or prepare and, if necessary, amend Environmental Compliance Approvals to incorporate terms and conditions that, when implemented, will reduce the risks to municipal drinking water sources. The terms and conditions may include, as appropriate, requirements for regular maintenance and inspections conducted by the proponent.</p>
BC-MC-3.4 <i>Existing/Future</i> <i>Prescribed Instr.</i> <i>WHPA-A-v.10;</i> <i>WHPA-B-v.10</i> <i>Nitrate WHPA-ICA</i>	<p>To ensure any existing or new sanitary sewer and pipes where this activity is, or would be, a significant drinking water threat, ceases to be or never becomes a significant drinking water threat, the Ministry of the Environment, Conservation and Parks shall review or prepare and, if necessary, amend Environmental Compliance Approvals to incorporate terms and conditions that, when implemented, will reduce the risks to municipal drinking water sources. The terms and conditions may include, as appropriate, requirements for regular maintenance and inspections conducted by the proponent.</p>
BC-MC-3.5 <i>Existing/Future</i> <i>Prescribed Instr.</i>	<p>To ensure any existing or new discharge from a stormwater management facility ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the Ministry of the Environment,</p>

Policy Number	
<i>WHPA-A-v.10;</i> <i>WHPA-B-v.10;</i> <i>IPZ-2-v.9;</i> <i>IPZ-2-v.8</i> <i>IPZ-3-v.8</i> <i>Nitrate, and Chloride</i> <i>WHPA-ICA</i>	Conservation and Parks shall review or prepare and, if necessary, amend Environmental Compliance Approvals to incorporate terms and conditions (for example, regular maintenance) that, when implemented, will reduce the risks to municipal drinking water sources.
BC-MC-3.6 <i>Existing/Future</i> <i>Prescribed Instr.</i> <i>IPZ-2-v.9;</i> <i>IPZ-2-v.8</i> <i>IPZ-3-v.8</i>	To ensure any existing or new combined sewer discharge from a stormwater outlet ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the Ministry of the Environment, Conservation and Parks shall prohibit this activity within the Environmental Compliance Approval process.
BC-MC-3.7 <i>Existing/Future</i> <i>Prescribed Instr.</i> <i>IPZ-2-v.9;</i> <i>IPZ-2-v.8</i> <i>IPZ-3-v.8</i>	To ensure any existing or new industrial effluent discharge to surface water ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the Ministry of the Environment, Conservation and Parks shall review or prepare and, if necessary, amend Environmental Compliance Approvals to incorporate terms and conditions that, when implemented, will reduce the risks to municipal drinking water sources. The terms and conditions may include, as appropriate, requirements for regular maintenance and inspections conducted by the proponent.

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

Threat 4.0 – The Storage of Agricultural Source Material (ASM)

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

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

Threat 8.0 – The Application of Commercial Fertilizer to Land

Threat 9.0 – The Handling and Storage of Commercial Fertilizer

Threat 10.0 – The Application of Pesticide to Land

Threat 11.0 – The Handling and Storage of Pesticide

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

Policy Number	<i>The following policies are in addition to those in the tables below</i>
BC-CW-4.1 <i>a) Existing</i> <i>Part IV-RMP</i> <i>WHPA-A-v.10;</i> <i>WHPA-B-v.10</i>	a. To ensure the following existing significant drinking water threats: <ul style="list-style-type: none"> i. The storage of agricultural source material (not phased-in under the <i>Nutrient Management Act</i>) ii. The application, handling and storage of commercial fertilizer iii. The application, handling and storage of pesticide iv. The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm animal yard

Policy Number	The following policies are in addition to those in the tables below
<p><i>b) Existing Part IV – RMP WHPA-B-v.10</i></p> <p><i>Currently does not apply to the application of commercial fertilizer in the Mt. Pleasant and Airport well systems due to the percent managed land and livestock density calculations</i></p>	<p>within WHPA-A or B with a vulnerability score equal to ten (10), cease to be significant drinking water threats, these activities shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.</p> <p>b. To ensure the following existing significant drinking water threat:</p> <p>i. The application of agricultural source material (not phased-in under the <i>Nutrient Management Act</i>)</p> <p>within WHPA-B with a vulnerability score equal to ten (10), ceases to be a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.</p> <p>The requirements of the Risk Management Plan for the storage of agricultural source material 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>BC-CW-4.2</p> <p><i>Existing/Future Part IV-Prohibit WHPA-A-v.10</i></p>	<p>To ensure the following significant drinking water threats:</p> <p>a. The existing and future application of agricultural source material</p> <p>b. The future storage of agricultural source material</p> <p>c. The existing and future application and handling and storage of non-agricultural source material</p> <p>d. The future handling and storage of pesticide</p> <p>e. The future use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm animal yard</p> <p>within a WHPA-A, cease to be or never become significant drinking water threats, these activities shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.</p>
<p>BC-CW-4.3</p> <p><i>Future Part IV-Prohibit WHPA-B-v.10</i></p>	<p>To ensure the following future significant drinking water threats:</p> <p>a. The storage of agricultural source material</p> <p>b. The handling and storage of non-agricultural source material</p> <p>c. The handling and storage of pesticide</p> <p>within a WHPA-B with a vulnerability score equal to ten (10), never become significant drinking water threats, these activities shall be</p>

Policy Number	<i>The following policies are in addition to those in the tables below</i>
<p>BC-CW-4.4</p> <p><i>Future Part IV-RMP WHPA-A-v.10</i></p> <p><i>Except where a nitrate Issue Contributing area exists policy does not currently apply to the application of commercial fertilizer due to the percent managed land and livestock density calculations</i></p>	<p>designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.</p> <p>To ensure the following future significant drinking water threats:</p> <ul style="list-style-type: none"> a. The application, handling and storage of commercial fertilizer b. The application of pesticide <p>within WHPA-A, never become significant drinking water threats, these activities shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.</p>
<p>BC-CW-4.5</p> <p><i>Future Part IV-RMP WHPA-B-v.10</i></p> <p><i>Currently does not apply to the application of commercial fertilizer in the Mt. Pleasant and Airport well systems due to the percent managed land and livestock density calculations</i></p>	<p>To ensure the following future significant drinking water threats:</p> <ul style="list-style-type: none"> a. The application of agricultural source material (not phased-in under the <i>Nutrient Management Act</i>) b. The application, handling and storage of commercial fertilizer c. The application of pesticide d. The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm animal yard <p>within WHPA-B with a vulnerability score equal to ten (10), never become significant drinking water threats, these activities shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.</p> <p>The requirements of the Risk Management Plan for the application of agricultural source material 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>
BC-MC-4.6	To ensure:

Policy Number	<i>The following policies are in addition to those in the tables below</i>
<p>a) <i>Existing Prescribed Instr.</i> <i>WHPA-A-v.10;</i> <i>WHPA-B-v.10;</i></p> <p>b) <i>Future Prescribed Instr.</i> <i>WHPA-B-v.10</i></p>	<p>a. the existing storage of agricultural source material on lands phased-in under the <i>Nutrient Management Act</i> within a WHPA-A or WHPA-B with a vulnerability score equal to ten (10); or</p> <p>b. the future application of agricultural source material on lands phased-in under the <i>Nutrient Management Act</i> within a WHPA-B with a vulnerability score equal to ten (10)</p> <p>cease to be or never become significant drinking water threats, the Ministry of Agriculture, Food and Rural Affairs shall review or prepare and, if necessary, amend the Nutrient Management Plan/Strategy to ensure that such Plan/Strategy incorporates appropriate measures and/or terms and conditions that, when implemented, ensure that the activities cease to be or never become significant drinking water threats.</p>
<p>BC-CW-4.7</p> <p><i>Existing/Future Education & Outreach</i> <i>IPZ-3-v.8</i> <i>IPZ-2-v.8;</i> <i>IPZ-2-v.9;</i> <i>Nitrate WHPA-ICA v. <10.</i></p> <p><i>Except where a nitrate Issue Contributing Area exists policy does currently not apply to the application of commercial fertilizer due to percent managed land and livestock density calculation</i></p> <p><i>Except where a nitrate Issue Contributing Area exists policy only</i></p>	<p>To ensure the following existing and future significant drinking water threats:</p> <p>a. The application and storage of agricultural source material</p> <p>b. The application, handling and storage of non-agricultural source material</p> <p>c. The application, handling and storage of commercial fertilizer</p> <p>d. The application and storage of pesticide</p> <p>e. The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm animal yard</p> <p>within a Nitrate WHPA-ICA with a vulnerability score of less than 10, or IPZ with a vulnerability score equal to or greater than eight (8) cease to be or never become significant drinking water threats, the County shall develop and implement an education and outreach program targeted to individuals within these vulnerable areas to ensure that the risk to municipal drinking water sources from these activities is reduced.</p>

Policy Number	The following policies are in addition to those in the tables below
<i>applies to the application of NASM from a meat plant or sewage works</i>	

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

Policy Number	
BC-MC-4.8 <i>Existing/Future Prescribed Instr. WHPA-B-v.10</i> <i>In the St. George, Mt. Pleasant and Airport well systems this policy only applies to the application of NASM from a meat plant or sewage works</i>	To ensure the existing and future application of non-agricultural source material to lands located 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, or Ministry of the Environment, Conservation and Parks, as applicable, shall review or prepare and, if necessary, amend a Non-Agricultural Source Material (NASM) Plan in accordance with the <i>Nutrient Management Act</i> , or an Environmental Compliance Approval in accordance with the <i>Environmental Protection Act</i> , to ensure that such Plans/Compliance Approvals incorporate appropriate measures and/or terms and conditions that, when implemented, ensure that the activity ceases to be a significant drinking water threat.

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

Policy Number	
BC-MC-4.9 <i>Existing Prescribed Instr. WHPA-A-v.10; WHPA-B-v.10</i>	Notwithstanding policy BC-CW-4.2, to ensure any existing handling and storage of non-agricultural source material within a WHPA-A or B with a vulnerability score equal to ten (10) ceases to be a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs, or Ministry of the Environment, Conservation and Parks, as applicable, shall review and, if necessary, amend any existing NonAgricultural Source Material (NASM) Plan, in accordance with the <i>Nutrient Management Act</i> , or Environmental Compliance Approvals, in accordance with the <i>Environmental Protection Act</i> , to ensure that such Plans/Compliance Approvals incorporate appropriate measures and/or terms and conditions that, when implemented, ensure that the activity ceases to be a significant drinking water threat.

Threat 12.0 – The Application of Road Salt

Policy Number	
BC-CW-5.1 <i>Existing/Future Specify Action Chloride WHPA-ICA</i>	Where a Chloride Issue Contributing Area has been identified, the County of Brant shall review and, if necessary, revise their Salt Management Plans for the application of salt on roadways in all Wellhead Protection Areas. 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.
BC-MC-5.2 <i>Future Land Use Planning Chloride WHPA-ICA</i>	<p>To reduce the risks to drinking water due to the future application of road salt where this activity would be a significant drinking water threat, the County shall include policies in their Official Plan requiring all new development in vulnerable areas to provide salt impact assessments as part of a complete application for development which includes new roads and parking lots.</p> <p>Such assessments should include but not be limited to mitigation measures regarding design of parking lots, roads and sidewalks to minimize the need for repeat application of road salt such as designing ponding of parking areas with the goal of reducing salt use; directing stormwater discharge outside of vulnerable areas where possible; and provisions to hire certified contractors.</p>

Threat 13.0 – The Handling and Storage of Road Salt

Policy Number	
BC-CW-6.1 <i>Existing Part IV-RMP WHPA-A-v.10; WHPA-B-v.10; IPZ-2-v.9 Chloride WHPA-ICA</i>	To ensure any existing handling and storage of road salt ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the Clean Water Act, 2006 and a Risk Management Plan shall be required.
BC-CW-6.2 <i>Future Part IV-Prohibit WHPA-A-v.10</i>	To ensure any new handling and storage of road salt within WHPA-A, never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.
BC-CW-6.3 <i>Future Part IV-RMP WHPA-B-v.10;IPZ-2-v.9; Chloride WHPA-ICA</i>	<p>To ensure any new handling and storage of road salt in the following areas never become significant drinking water threats, where these activities would be significant drinking water threats within:</p> <p>WHPA-B with a vulnerability score equal to ten (10), Chloride ICA, or IPZ with a vulnerability score of nine (9),</p> <p>these activities shall be designated for the purpose of Section 58 of the Clean Water Act, 2006 and a Risk Management Plan shall be required.</p>

Threat 14.0 – The Storage of Snow

Policy Number	
BC-CW-7.1 <i>Existing Part IV-RMP WHPA-A-v.10; WHPA-B-v.10</i>	To ensure any existing snow storage in an area greater than 0.01 hectares ceases to be a significant drinking water threat, where such an activity is a significant drinking water threat within a WHPA-A or B with a vulnerability score equal to ten (10), this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
BC-CW-7.2 <i>Existing Specify Action IPZ-2-v.9; ICA (CHL/NIT);</i>	To ensure any existing snow storage ceases to be a significant drinking water threat, where this activity is a significant drinking water threat within a Chloride or Nitrate ICA or IPZ with a vulnerability score of nine (9), the County shall encourage best management practices with respect to the handling and storage of snow.

Policy Number	
BC-CW-7.3	To ensure any new snow handling and storage in an area greater than 0.01 hectares never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, this activity shall be designated for the purpose of Section 57 of the Clean Water Act, 2006 and shall be prohibited.
<i>Future</i> <i>Part IV-Prohibit</i> <i>WHPA-A-v.10;</i> <i>WHPA-B-v.10;</i> <i>IPZ-2-v.9</i> <i>ICA (CHL/NIT)</i>	

Threat 15.0 – The Handling and Storage of Fuel

Policy Number	
BC-CW-8.1	To ensure the existing and future handling and storage of fuel equal to or less than 2,500 Litres ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the County shall develop and implement an education and outreach program outlining requirements for the proper maintenance of fuel storage tanks and the steps to be taken if there is a spill or leak detected.
<i>Existing/Future</i> <i>Education</i> <i>&Outreach</i> <i>WHPA-A-v.10;</i> <i>WHPA-B-v.10</i>	
BC-CW-8.2	To ensure the handling and storage of liquid fuel more than 2,500 Litres ceases to be or never becomes a significant drinking water threat, where this activity is, 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 in the following areas:
<i>a) Existing</i> <i>Part IV-RMP</i> <i>WHPA-A-v.10;</i> <i>WHPA-B-v.10</i>	a. existing activities within a WHPA-A or B with a vulnerability score equal to ten (10); or
<i>b) Future</i> <i>Part IV-RMP</i> <i>WHPA-B-v.10</i>	b. future activities within a WHPA-B with a vulnerability score of ten (10).
BC-CW-8.3	To ensure any future handling and storage of liquid fuel of more than 2,500 Litres never becomes a significant drinking water threat, where this activity would be a significant drinking water threat within a WHPA-A, this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.
<i>Future</i> <i>Part IV-Prohibit</i> <i>WHPA-A-v.10</i>	

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

Policy Number	
BC-CW-9.1	To ensure any existing handling and storage of a dense non-aqueous phase liquid (DNAPL) for industrial, commercial, institutional and agricultural purposes ceases to be a significant drinking water threat, where this activity is a significant drinking water threat within a WHPA-A or B with a vulnerability score equal to ten (10), , this activity
<i>Existing</i> <i>Part IV-RMP</i> <i>WHPA-A-v.10;</i> <i>WHPA-B-v.10</i>	

Policy Number	
	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.
BC-CW-9.2 <i>Future Part IV-Prohibit WHPA-A-v.10; WHPA-B-v.10</i>	To ensure any future handling and storage of a dense non-aqueous phase liquid (DNAPL) for industrial, commercial institutional and agricultural purposes never becomes a significant drinking water threat, where this activity would be a significant drinking water threat within WHPA- A or B with a vulnerability score equal to ten (10), this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.
BC-CW-9.3 <i>Existing/Future Education &Outreach WHPA-A/B/C</i>	To ensure any existing or new handling and storage of a dense non-aqueous phase liquid (DNAPL) ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the County shall develop and implement an education and outreach program to encourage the use of alternative products, where available, and the proper handling/storage and disposal procedures for these products.

Threat 17.0 – The Handling and Storage of an Organic Solvent

Policy Number	
BC-CW-10.1 <i>Existing Part IV-RMP WHPA-A-v.10; WHPA-B-v.10</i>	To ensure any existing handling and storage of an organic solvent ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, 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.
BC-CW-10.2 <i>Future Part IV-Prohibit WHPA-A-v.10; WHPA-B-v.10</i>	To ensure any new handling and storage of an organic solvent never becomes a significant drinking water threat, where this activity would be a significant drinking water threat; this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.

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

Policy Number	
BC-CW-11.1 <i>Future Part IV-RMP WHPA-A-v.10; WHPA-B-v.10; IPZ-2-v.9</i>	To ensure any new airport where there could be runoff containing de-icing chemicals, never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.

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

Policy Number	
<p>BC-NB-12.1</p> <p><i>Existing/Future Specify Action WHPA-A-v.10; WHPA-B-v.10; IPZ-2-v.9</i></p> <p><i>Monitoring</i></p>	<p>To reduce the risks to drinking water 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>Canadian Energy Regulator Act</i>, where the activity is or would be a significant drinking water threat, the Canada Energy Regulator Ontario Energy Board, and the pipeline proponent are encouraged to provide the Source Protection Authority and the County the location of any new proposed pipeline within the County and/or Source Protection Area.</p> <p>The Source Protection Authority should document in the annual report the number of new pipelines proposed within vulnerable areas if a pipeline has been proposed and/or application has been received.</p>
<p>BC-CW-12.2</p> <p><i>Existing Part IV- RMP WHPA-A-v.10; WHPA-B-v.10; IPZ-2-v.9</i></p>	<p>To reduce the risk to drinking water from the establishment and operation of a liquid hydrocarbon pipeline where the 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. The Risk Management Plan may include, but not be limited to, the following:</p> <ol style="list-style-type: none"> Evaluation of existing Spills Prevention Plans/ Spill Contingency Plans; An evaluation of communication plans and training protocols with respect to management of a spill; Additional measures to reduce the likelihood that a spill or leak would be a risk to drinking water sources; and Ensure all applicable provisions of Ontario Regulations O. Reg. 210/01 Ensure the protection of drinking water sources by including the following; <ol style="list-style-type: none"> Best Management Practices for spill management; proof of ability to pay for clean-up of potential contamination; and the appropriate frequency of inspections.

Threat 19.0 – An activity that takes water from an aquifer or a surface water body without returning the water taken to the same aquifer or surface water body

Policy Number	Consumptive water taking
BC-MC-13.1 <i>Existing/Future Prescribed Inst. WHPA-Q</i>	To ensure that any existing, increased or new consumptive water taking within the WHPA-Q ceases to be or never becomes a significant drinking water threat, the Ministry of the Environment, Conservation and Parks shall ensure that the permit to take water for groundwater taking include appropriate terms and conditions to demonstrate that the taking will not adversely impact the aquifer's ability to meet municipal and other water supply requirements.
BC-MC-13.2 <i>Existing/Future Prescribed Inst. WHPA-Q</i>	To ensure that any existing and future consumptive water taking within the WHPA-Q ceases to be or never becomes a significant drinking water threat, the Ministry of Northern Development, Mines, Natural Resources and Forestry in consultation with the Ministry of the Environment, Conservation and Parks, County of Brant and Grand River Conservation Authority, shall review and amend where appropriate any existing and new approvals under the <i>Aggregate Resources Act, 1990</i> for extraction below the water table.
BC-MC-13.3 <i>Future Land Use Planning WHPA-Q</i>	<p>When planning for growth and approving development that is to be serviced by an existing municipal well located within a WHPA-Q with a significant risk level, the municipality shall ensure that Planning Act decisions consider the long-term sustainability of the municipal drinking water system by:</p> <ol style="list-style-type: none"> ensuring the development and any required expansion of the municipal drinking water system is consistent with the County of Brant's Water Supply Master Plan and Infrastructure Master Plan; consulting with the Ministry of the Environment, Conservation and Parks to discuss any necessary amendments to the Permit to Take Water.
BC-CW-13.4 <i>Future Specify Action WHPA-Q</i>	To ensure that any future consumptive water taking within the WHPA-Q never becomes a significant drinking water threat, the County of Brant will update the Paris Master Servicing Plan using the findings from the Whiteman's Creek Tier 3 Water Budget, and in addition, complete a Paris (Paris/Bethel) Settlement Area Well Capacity Study to be used to support future growth management.
BC-CW-13.5 <i>Future Specify Action WHPA-Q</i>	<p>To ensure that any future consumptive water taking within the WHPA-Q ceases to be or never becomes a significant drinking water threat, the County of Brant will:</p> <ol style="list-style-type: none"> expand the Tier 3 model to include the Paris Settlement Area;

Policy Number	Consumptive water taking
	<ul style="list-style-type: none"> b. undertake a comprehensive Paris/Bethel Well Capacity Study, inclusive of scenarios consistent with potential growth target;. c. incorporate the sustainable water quantity capacity into the overall growth management strategy for Paris and Bethel Wells.
BC-CW-13.6 <i>Existing/Future Specify Action WHPA-Q</i>	To ensure that any existing or future consumptive water takings within the WHPA-Q ceases to be or never becomes a significant drinking water threat, the County of Brant will request the Ministry of the Environment, Conservation and Parks support the ongoing maintenance of the Whitemans Creek Tier 3 Water Budget model and expansion of the model to include the Paris Wells.
BC-CW-13.7 <i>Existing/Future Education&Outreach WHPA-Q + Service Area</i>	To ensure that any existing and future consumptive water takings within the WHPA-Q ceases to be or never becomes a significant drinking water threat, the County of Brant will update their water conservation plans using the findings from the Whitemans Creek Tier 3 Water Budget and Risk Assessment to support the sustainable use of water in areas serviced by a well located within the WHPA-Q and the serviced settlement area.

Threat 20.0 – An activity that reduces the recharge of an aquifer

Policy Number	Recharge Reduction
BC-MC-14.1 <i>Future Land Use Planning WHPA-Q</i>	<p>To ensure that any future activity that reduces the recharge of an aquifer within the WHPA-Q never becomes a significant drinking water threat, the relevant Planning Approval Authority shall:</p> <ul style="list-style-type: none"> a. Require new development for lands zoned Low Density Residential or zoned Agricultural to implement best management practices such as Low Impact Development (LID) with the goal to maintain pre-development recharge. b. Require that all site plan (excluding an application for one single family dwelling) and subdivision applications for new residential, commercial, industrial and institutional uses provide a water balance assessment for the proposed development to the satisfaction of the Planning Approval Authority which addresses each of the following requirements: <ul style="list-style-type: none"> i. Maintain pre-development recharge to the greatest extent feasible through best management practices such as LID, minimizing impervious surfaces, and lot level infiltration; ii. Where pre-development recharge cannot be maintained on site, implement and maximize off-site recharge enhancement (within the same WHPA-Q) to compensate for any predicted loss of recharge from the development; and

Policy Number	Recharge Reduction
	<ul style="list-style-type: none">iii. For new development (excluding a minor variance) within the WHPA-Q and within an Issue Contributing Area (for sodium, chloride or nitrates), the water balance assessment must consider water quality when recommending best management practices and address how recharge will be maintained and water quality will be protected.c. Only approve settlement area expansions as part of a municipal comprehensive review where it has been demonstrated that recharge functions will be maintained on lands designated Significant Groundwater Recharge Areas within WHPA-Q.d. Amend municipal planning documents to reference most current Assessment Reports in regards to the Significant Groundwater Recharge Areas within WHPA-Q.

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: BC-CW-1.1.1, BC-CW-1.1.2, BC-CW-1.2, BC-CW-1.3, BC-MC-1.4, BC-MC-1.17, BC-MC-5.2, BC-MC-13.3, BC-MC-14.1

LIST B

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

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

Content: No Applicable Policies

LIST C

Title: Significant threat policies that affect Prescribed Instrument decisions

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

Content: BC-CW-1.1.1, BC-CW-1.1.2, BC-CW-1.2, BC-MC-1.16, BC-MC-2.1, BC-MC-2.3, BC-MC-3.2, BC-MC-3.3, BC-MC-3.4, BC-MC-3.5, BC-MC-3.6, BC-MC-3.7, BC-MC-4.6, BC-MC-4.8, BC-MC-4.9, BC-MC-13.1, BC-MC-13.2

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: BC-CW-1.1.1, BC-CW-1.1.2, BC-CW-1.2, BC-CW-1.5, BC-CW-1.6, BC-CW-1.18, BC-CW-1.21, BC-CW-2.6, BC-CW-3.1, BC-CW-4.7, BC-CW-5.1, BC-CW-7.2, BC-CW-8.1, BC-CW-9.3, BC-CW-13.4, BC-CW-13.5, BC-CW-13.6, BC-CW-13.7

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: BC-CW-1.9, BC-CW-1.10, BC-CW-1.11, BC-CW-1.12, BC-CW-1.13, BC-NB-12.1, BC-MC-1.16

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: BC-CW-1.1.1, BC-CW-1.1.2, BC-CW-1.2; BC-CW-2.4, BC-CW-4.2, BC-CW-4.3, BC-CW-6.2, BC-CW-7.3, BC-CW-8.3, BC-CW-9.2, BC-CW-10.2

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: BC-CW-1.1.1, BC-CW-1.1.2, BC-CW-12.2, BC-CW-2.2, BC-CW-2.5, BC-CW-4.1, BC-CW-4.4, BC-CW-4.5, BC-CW-6.1, BC-CW-6.3, BC-CW-7.1, BC-CW-8.2, BC-CW-9.1, BC-CW-10.1, BC-CW-11.1

LIST I

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

Opening Statement: “The following policies relate to section 59 (restricted land use) of the *Clean Water Act*, 2006.”

Content: BC-CW-1.1.1, BC-CW-1.1.2, BC-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: BC-NB-1.19, BC-NB-1.20

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: BC-NB-1.7, BC-NB-1.8, BC-NB-12.1

Appendix B: Prescribed Instrument and Policy Summary Tables

Table 1: Prescribed Instruments That 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
BC-CW-1.1.1	Comply With	Yes	Yes	Yes	No
BC-CW-1.1.2	Comply With	Yes	Yes	Yes	No
BC-CW-1.2	Must Conform	Yes	No	Yes	No
BC-MC-1.16	Must Conform	Yes	No	No	No
BC-MC-2.1	Must Conform	Yes	No	Yes	No
BC-MC-2.3	Must Conform	Yes	No	Yes	No
BC-MC-3.2	Must Conform	Yes	No	Yes	No
BC-MC-3.3	Must Conform	Yes	No	Yes	No
BC-MC-3.4	Must Conform	Yes	No	Yes	No
BC-MC-3.5	Must Conform	Yes	No	Yes	No
BC-MC-3.6	Must Conform	Yes	No	Yes	No
BC-MC-3.7	Must Conform	Yes	No	Yes	No
BC-MC-4.6	Must Conform	No	Yes	No	No
BC-MC-4.8	Must Conform	Yes	Yes	No	No
BC-MC-4.9	Must Conform	Yes	Yes	No	No
BC-MC-13.1	Must Conform	No	No	Yes	No
BC-MC-13.2	Must Conform	No	No	No	Yes

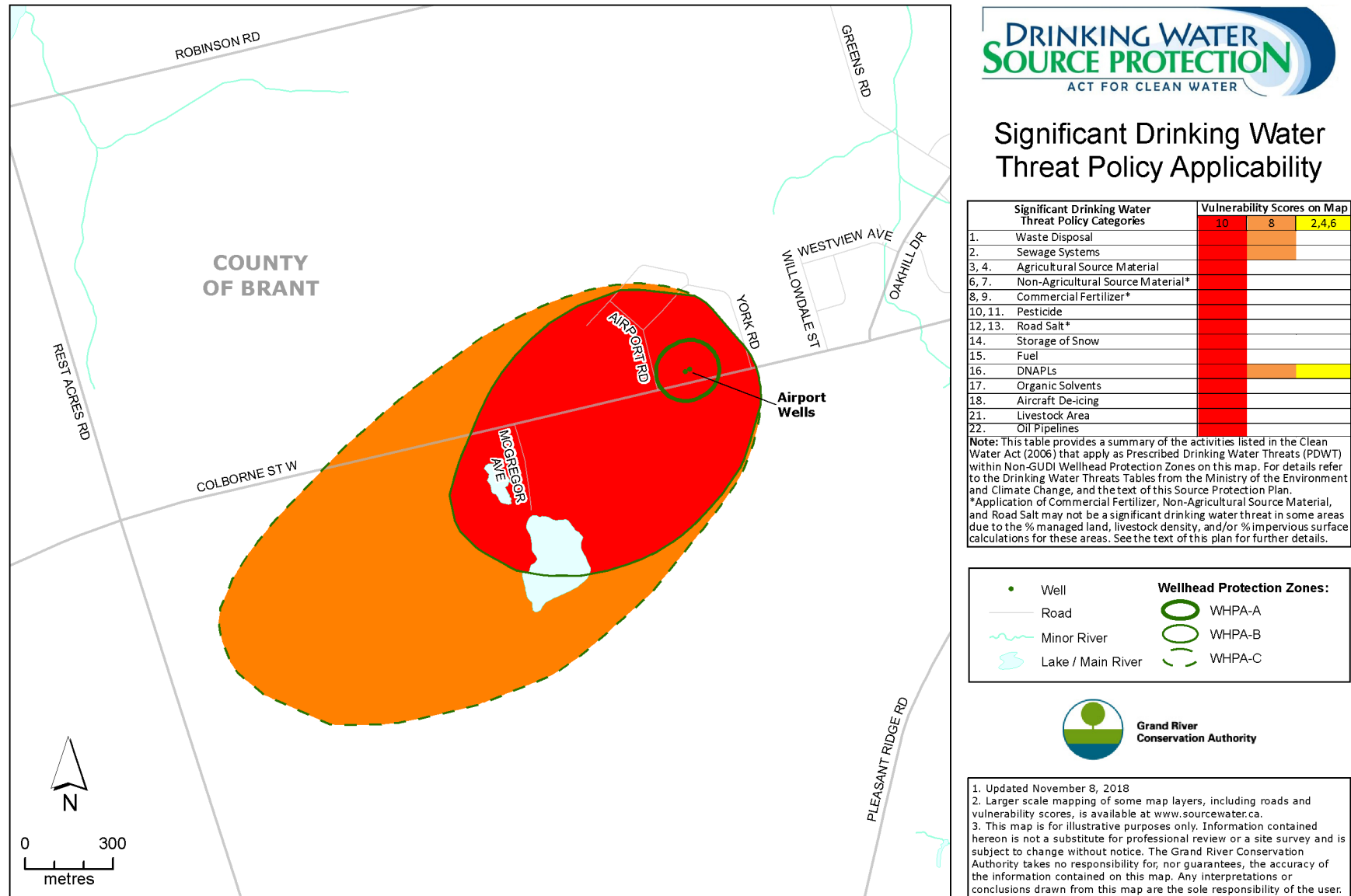
Table 2: Policy Summary Matrix

Policy ID#	Legal Effect (conform with, have regard to, non-binding)	Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)	Policy affects Prescribed Instrument decisions (Lists C and D)	Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)	Monitoring policies referred to in s.22(2) of the CWA (List F)	Part IV Policies - Significant threat policies that are designated in the plan as requiring a Risk Management Plan, are prohibited under s. 57, or to which s. 59 of the CWA applies (Lists G, H, and I)	Strategic Action Policies (List J)	Significant threat policies which designate a body other than a municipality, source protection authority or local board as responsible for implementing the policy (List K)
BC-CW-1.1.1	Comply With	Yes	Yes	Yes	No	Yes	No	No
BC-CW-1.1.2	Comply With	Yes	Yes	Yes	No	Yes	No	No
BC-CW-1.2	Comply With	Yes	Yes	Yes	No	Yes	No	No
BC-CW-1.3	Comply With	Yes	No	No	No	Yes	No	No
BC-MC-1.4	Must Conform	Yes	No	No	No	No	No	No
BC-CW-1.5	Comply With	No	No	Yes	No	No	No	No
BC-CW-1.6	Comply With	No	No	Yes	No	No	No	No
BC-NB-1.7	Non-Binding	No	No	No	No	No	No	Yes

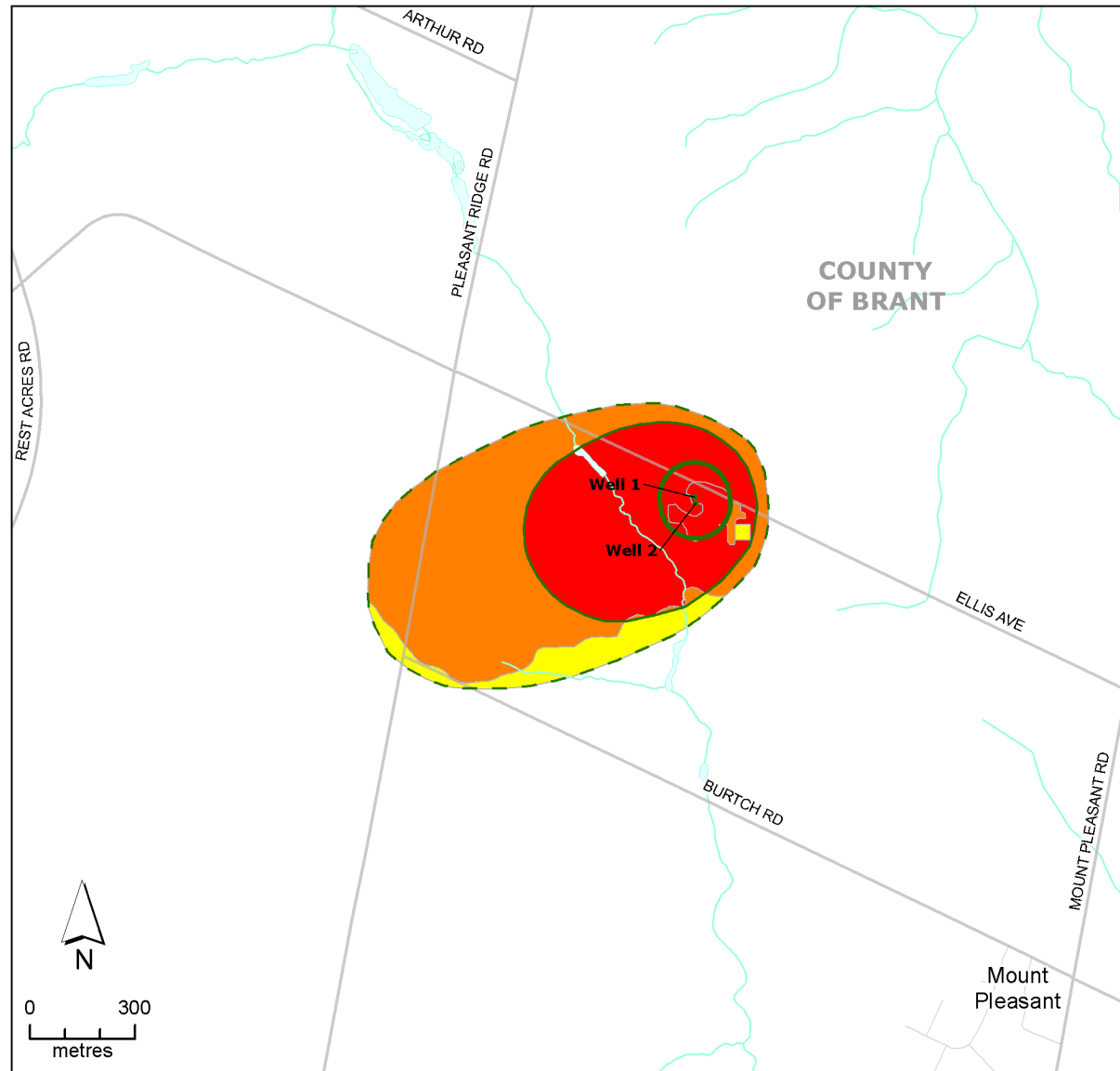
Policy ID#	Legal Effect (conform with, have regard to, non-binding)	Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)	Policy affects Prescribed Instrument decisions (Lists C and D)	Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)	Monitoring policies referred to in s.22(2) of the CWA (List F)	Part IV Policies - Significant threat policies that are designated in the plan as requiring a Risk Management Plan, are prohibited under s. 57, or to which s. 59 of the CWA applies (Lists G, H, and I)	Strategic Action Policies (List J)	Significant threat policies which designate a body other than a municipality, source protection authority or local board as responsible for implementing the policy (List K)
BC-NB-1.8	Non-Binding	No	No	No	No	No	No	Yes
BC-CW-1.9	Comply With	No	No	No	Yes	No	No	No
BC-CW-1.10	Comply With	No	No	No	Yes	No	No	No
BC-CW-1.11	Comply With	No	No	No	Yes	No	No	No
BC-CW-1.12	Comply With	No	No	No	Yes	No	No	No
BC-CW-1.13	Comply With	No	No	No	Yes	No	No	No
BC-MC-1.16	Must Conform	No	Yes	No		No	No	No
BC-MC-1.17	Must Conform	Yes	No	No	No	No	No	No
BC-CW-1.18	Comply With	No	No	Yes	No	No	No	No
BC-NB-1.19	Non-Binding	No	No	No	No	No	Yes	No
BC-NB-1.20	Non-Binding	No	No	No	No	No	Yes	No
BC-CW-1.21	Comply With	No	No	Yes	No	No	No	No
BC-MC-2.1	Must Conform	No	Yes	No	No	No	No	No
BC-CW-2.2	Comply With	No	No	No	No	Yes	No	No
BC-MC-2.3	Must Conform	No	Yes	No	No	No	No	No
BC-CW-2.4	Comply With	No	No	No	No	Yes	No	No
BC-CW-2.5	Comply With	No	No	No	No	Yes	No	No
BC-CW-2.6	Comply With	No	No	Yes	No	No	No	No
BC-CW-3.1	Comply With	No	No	Yes	No	No	No	No
BC-MC-3.2	Must Conform	No	Yes	No	No	No	No	No
BC-MC-3.3	Must Conform	No	Yes	No	No	No	No	No
BC-MC-3.4	Must Conform	No	Yes	No	No	No	No	No
BC-MC-3.5	Must Conform	No	Yes	No	No	No	No	No
BC-MC-3.6	Must Conform	No	Yes	No	No	No	No	No
BC-MC-3.7	Must Conform	No	Yes	No	No	No	No	No
BC-CW-4.1	Comply With	No	No	No	No	Yes	No	No
BC-CW-4.2	Comply With	No	No	No	No	Yes	No	No
BC-CW-4.3	Comply With	No	No	No	No	Yes	No	No
BC-CW-4.4	Comply With	No	No	No	No	Yes	No	No
BC-CW-4.5	Comply With	No	No	No	No	Yes	No	No
BC-MC-4.6	Must Conform	No	Yes	No	No	No	No	No
BC-CW-4.7	Comply With	No	No	Yes	No	No	No	No
BC-MC-4.8	Must Conform	No	Yes	No	No	No	No	No
BC-MC-4.9	Must Conform	No	Yes	No	No	No	No	No
BC-CW-5.1	Comply With	No	No	Yes	No	No	No	No
BC-MC-5.2	Must Conform	Yes	No	No	No	No	No	No
BC-CW-6.1	Comply With	No	No	No	No	Yes	No	No
BC-CW-6.2	Comply With	No	No	No	No	Yes	No	No
BC-CW-6.3	Comply With	No	No	No	No	Yes	No	No

Policy ID#	Legal Effect (conform with, have regard to, non-binding)	Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)	Policy affects Prescribed Instrument decisions (Lists C and D)	Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)	Monitoring policies referred to in s.22(2) of the CWA (List F)	Part IV Policies - Significant threat policies that are designated in the plan as requiring a Risk Management Plan, are prohibited under s. 57, or to which s. 59 of the CWA applies (Lists G, H, and I)	Strategic Action Policies (List J)	Significant threat policies which designate a body other than a municipality, source protection authority or local board as responsible for implementing the policy (List K)
BC-CW-7.1	Comply With	No	No	No	No	Yes	No	No
BC-CW-7.2	Comply With	No	No	Yes	No	No	No	No
BC-CW-7.3	Comply With	No	No	No	No	Yes	No	No
BC-CW-8.1	Comply With	No	No	Yes	No	No	No	No
BC-CW-8.2	Comply With	No	No	No	No	Yes	No	No
BC-CW-8.3	Comply With	No	No	No	No	Yes	No	No
BC-CW-9.1	Comply With	No	No	No	No	Yes	No	No
BC-CW-9.2	Comply With	No	No	No	No	Yes	No	No
BC-CW-9.3	Comply With	No	No	Yes	No	No	No	No
BC-CW-10.1	Comply With	No	No	No	No	Yes	No	No
BC-CW-10.2	Comply With	No	No	No	No	Yes	No	No
BC-CW-11.1	Comply With	No	No	No	No	Yes	No	No
BC-NB-12.1	Non-Binding	No	No	No	Yes	No	No	Yes
BC-CW-12.2	Comply With	No	No	No	No	Yes	No	No
BC-MC-13.1	Must Conform	No	Yes	No	No	No	No	No
BC-MC-13.2	Must Conform	No	Yes	No	No	No	No	No
BC-MC-13.3	Must Conform	Yes	No	No	No	No	No	No
BC-CW-13.4	Comply With	No	No	Yes	No	No	No	No
BC-CW-13.5	Comply With	No	No	Yes	No	No	No	No
BC-CW-13.6	Comply With	No	No	Yes	No	No	No	No
BC-CW-13.7	Comply With	No	No	Yes	No	No	No	No
BC-MC-14.1	Must Conform	Yes	No	No	No	No	No	No

Schedule A: County of Brant, Airport Water Supply



Schedule B: County of Brant, Mount Pleasant Water Supply



Significant Drinking Water Threat Policy Applicability

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

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

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

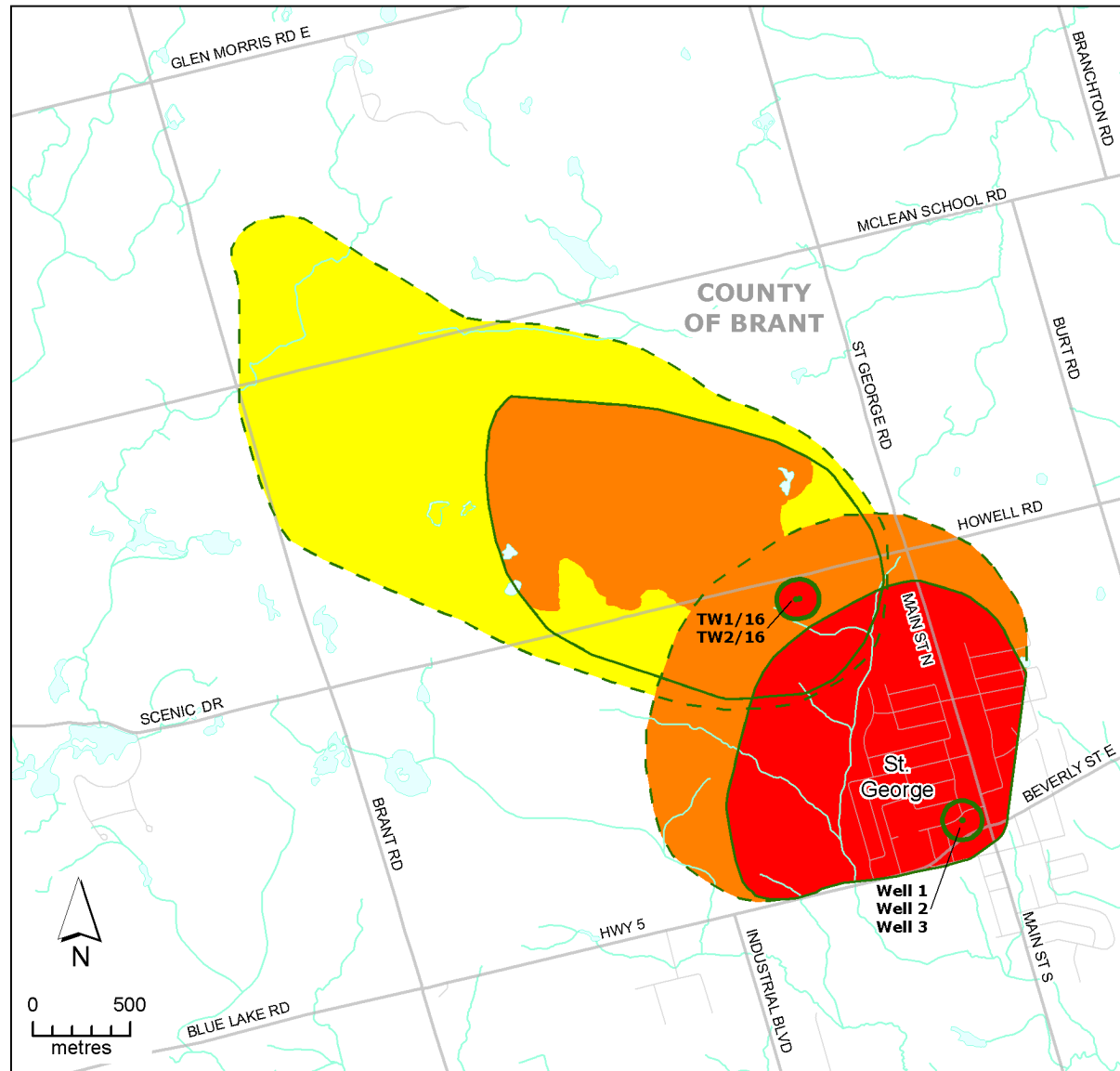
• Well	Wellhead Protection Zones:
— Road	○ WHPA-A
~ Minor River	○ WHPA-B
~ Lake / Main River	○ WHPA-C



Grand River
Conservation Authority

1. Updated November 7, 2018
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.

Schedule C: County of Brant, St. George Water Supply



Significant Drinking Water Threat Policy Applicability

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

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

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

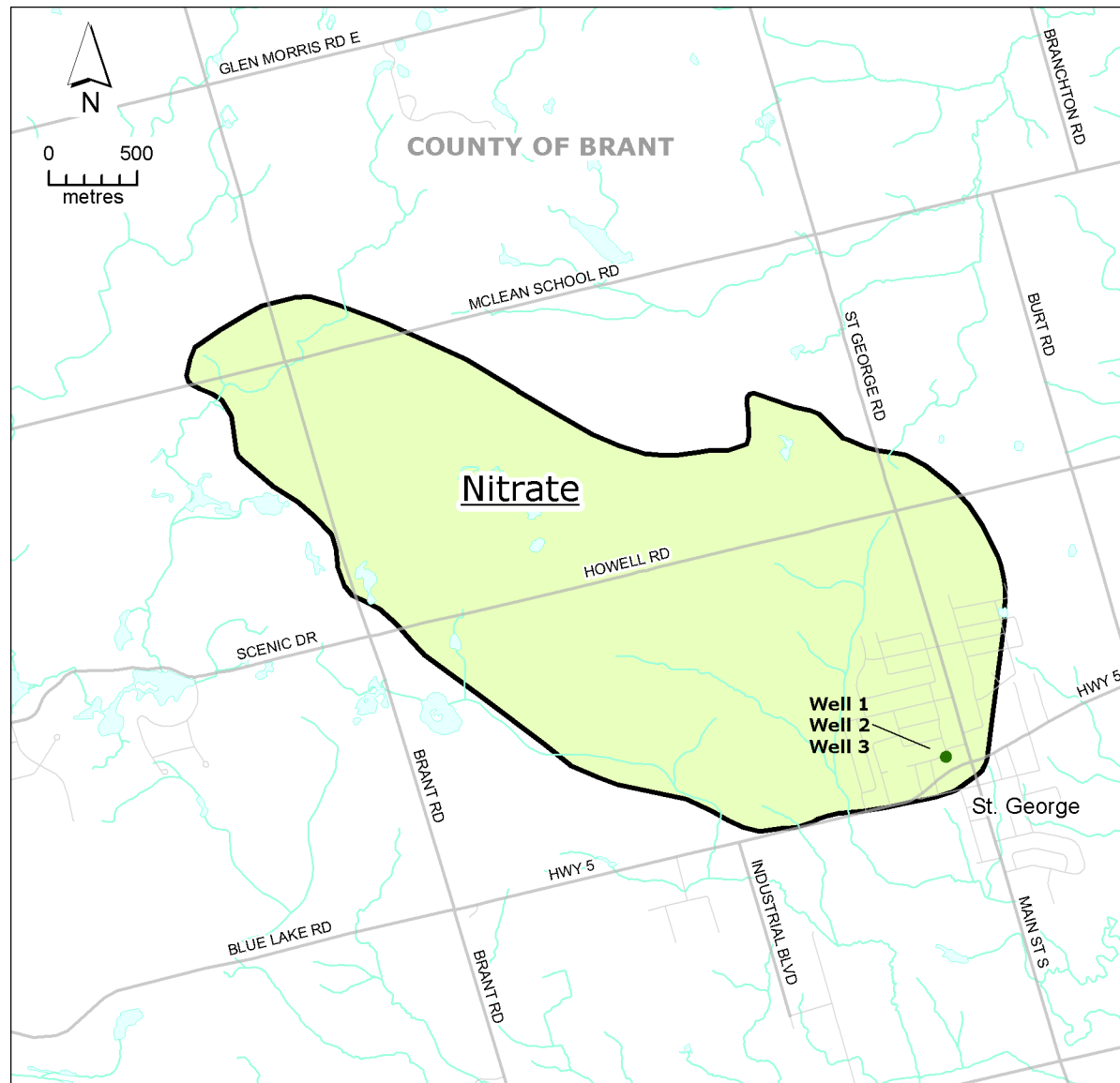
• Well	Wellhead Protection Zones:
— Road	○ WHPA-A
~ Minor River	○ WHPA-B
~ Lake / Main River	○ WHPA-C



Grand River
Conservation Authority

1. Updated November 8, 2018
 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.

Schedule D: County of Brant, St. George Water Supply, Issue Contributing Area



Significant Drinking Water Threat Policy Applicability

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

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

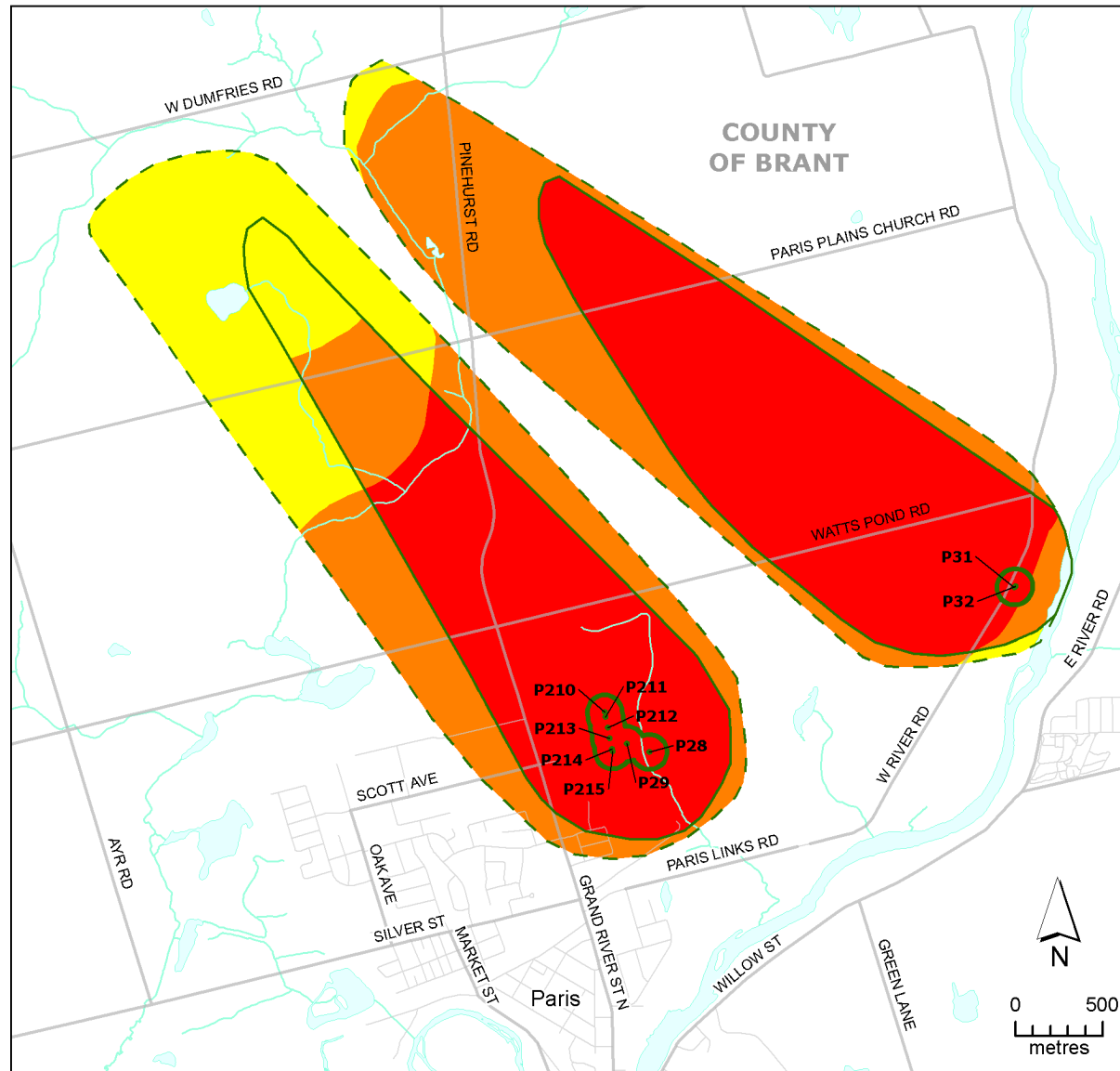
● Well with Identified Issue(s)	○ Lakes / Main Rivers
— Road	○ Issue Contributing Area
~ Minor Rivers	Issue Associated Issue Parameter



**Grand River
Conservation Authority**

1. Updated November 8, 2018
2. Larger scale mapping of some map layers, including roads and vulnerability scores, is available at www.sourcewater.ca.
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Schedule E: County of Brant, Paris Water Supply



Significant Drinking Water Threat Policy Applicability

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

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

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

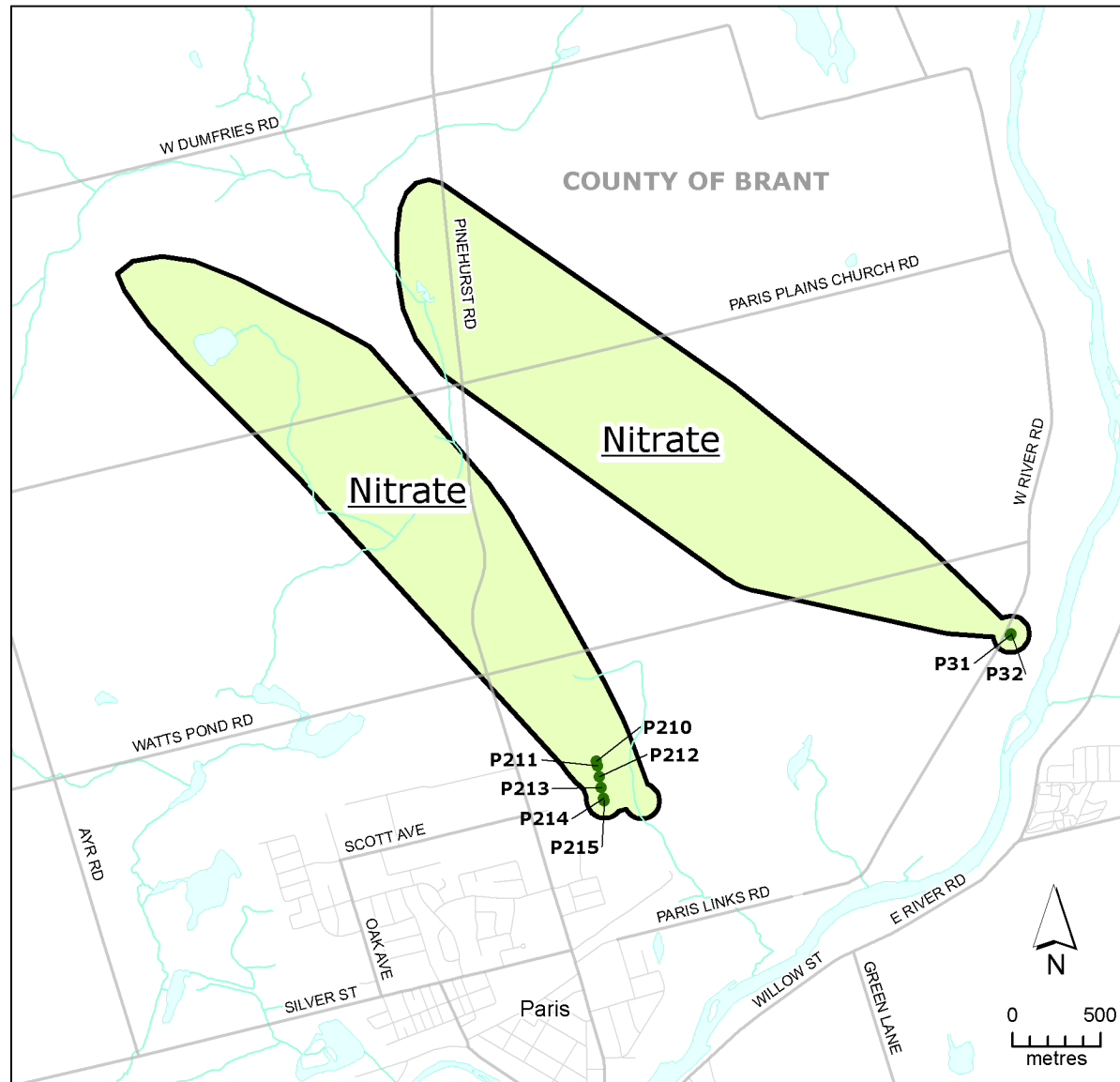
• Well	Wellhead Protection Zones:
— Road	○ WHPA-A
Minor River	○ WHPA-B
Lake / Main River	○ WHPA-C



Grand River
Conservation Authority

1. Updated November 8, 2018.
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.

Schedule F: County of Brant, Paris Water Supply, Issuing Contributing Areas



Significant Drinking Water Threat Policy Applicability

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

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

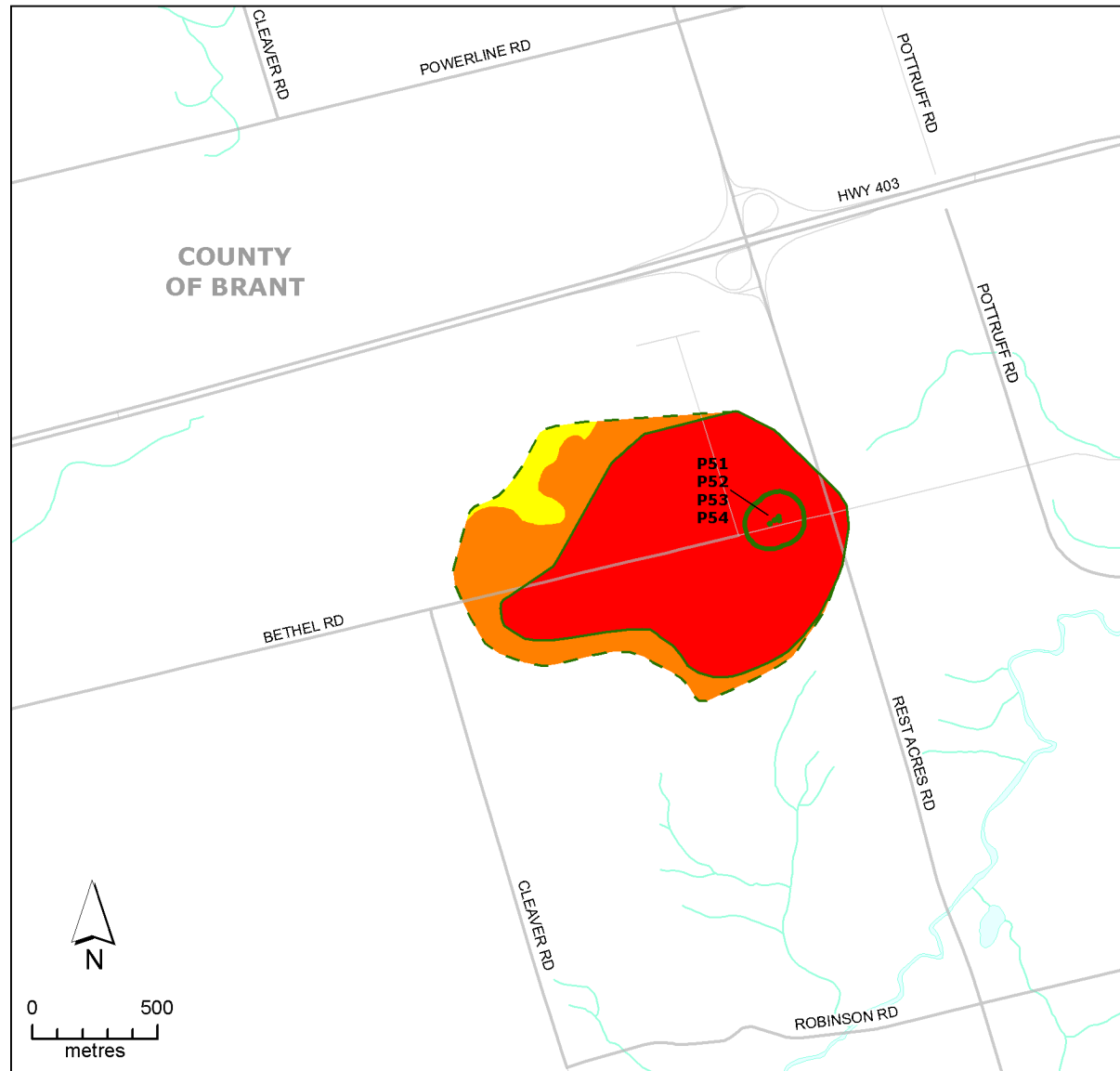
● Well with Identified Issue(s)	○ Lakes / Main Rivers
— Road	○ Issue Contributing Area
~ Minor Rivers	Issue Associated Issue Parameter



Grand River
Conservation Authority

1. Updated November 21, 2014
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.

Schedule G: County of Brant, Bethel Road Water Supply

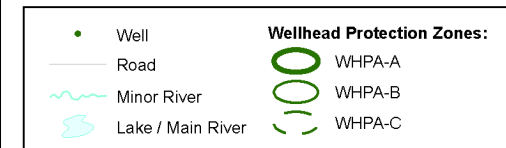


Significant Drinking Water Threat Policy Applicability

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

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

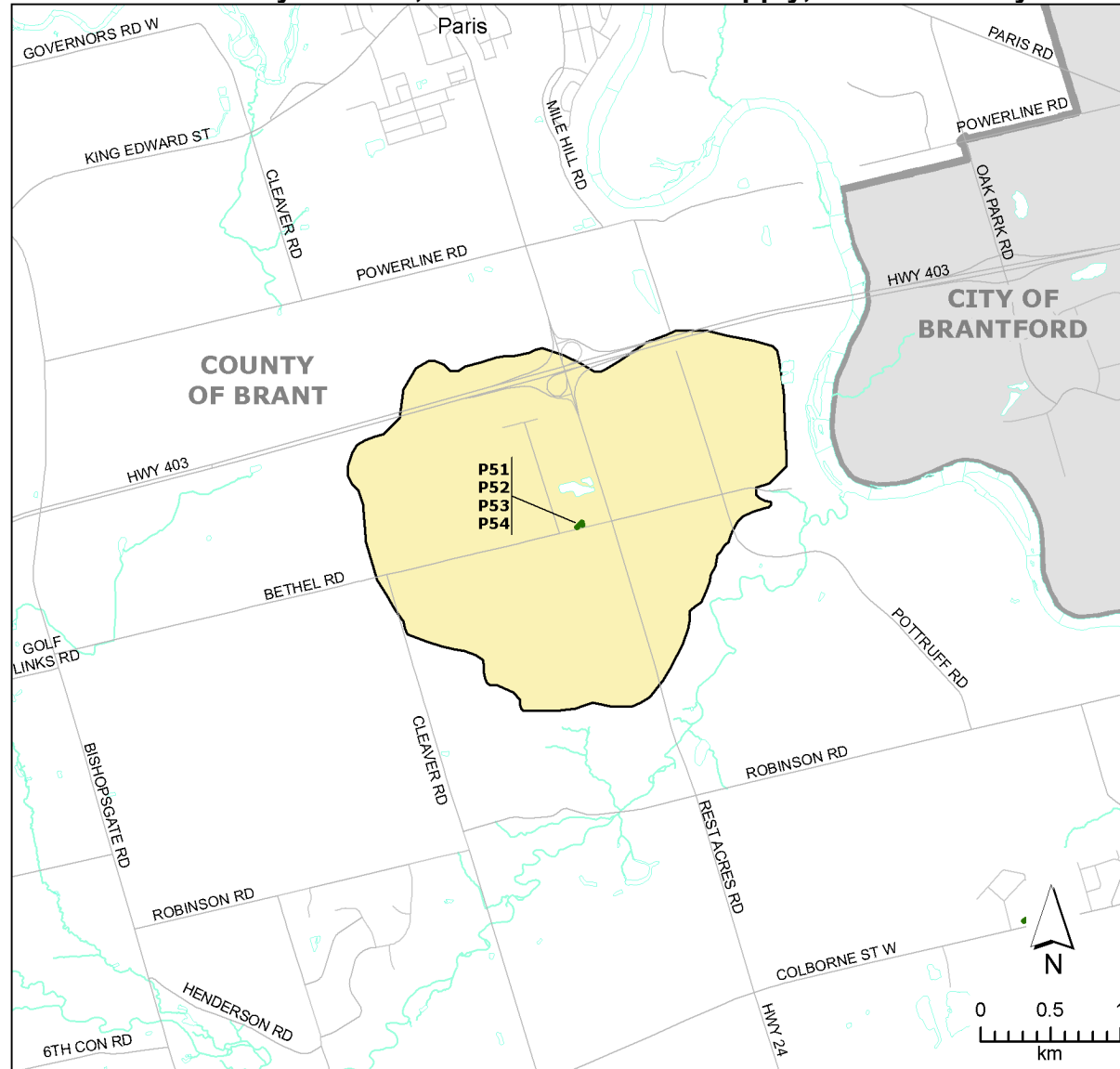
*Application of Commercial Fertilizer, Non-Agricultural Source Material, and Road Salt may not be a significant drinking water threat in some areas due to the % managed land, livestock density, and/or % impervious surface calculations for these areas. See the text of this plan for further details.



Grand River
Conservation Authority

- Updated November 7, 2018
- Larger scale mapping of some map layers, including roads and vulnerability scores, is available at www.sourcewater.ca.
- This map is for illustrative purposes only. Information contained hereon is not a substitute for professional review or a site survey and is subject to change without notice. The Grand River Conservation Authority takes no responsibility for, nor guarantees, the accuracy of the information contained on this map. Any interpretations or conclusions drawn from this map are the sole responsibility of the user.

Schedule H: County of Brant, Bethel Road Water Supply, Water Quantity



Significant Drinking Water Threat Policy Applicability

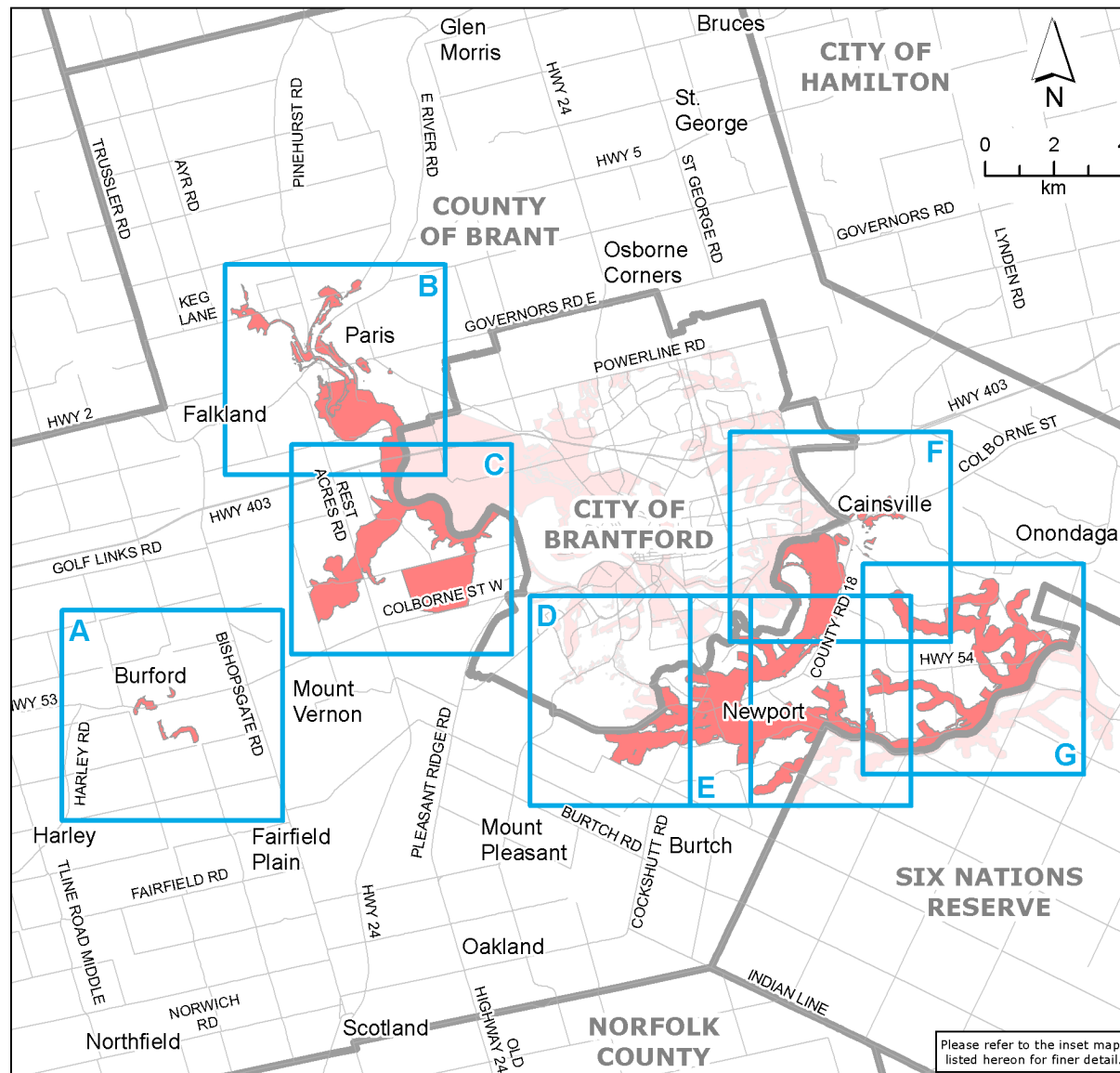
Significant Drinking Water Threat Policy Categories
19. An activity that takes water from an aquifer or a surface water body without returning the water taken to the same aquifer or surface water body.
20. An activity that reduces the recharge of an aquifer.
Note: The above activity categories are those listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) in the significant risk WHPA-Q1/Q2 & IPZ-Q areas shown on this map. For details refer to the text of this Source Protection Plan and the Drinking Water Threats Tables from the Ministry of the Environment and Climate Change.

	Minor Rivers
	Lakes / Main Rivers
	Main Roads
	Upper / Single Tier Municipal Boundary
	Lower Tier Municipal Boundary
	WHPA-Q

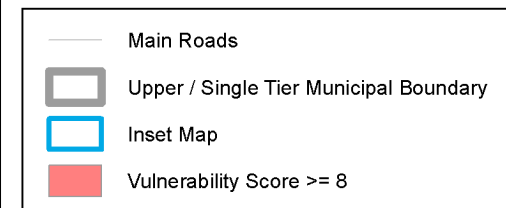
Grand River
Conservation Authority

1. Updated August 23, 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.

Schedule I: County of Brant, Intake Protection Zones Index Map

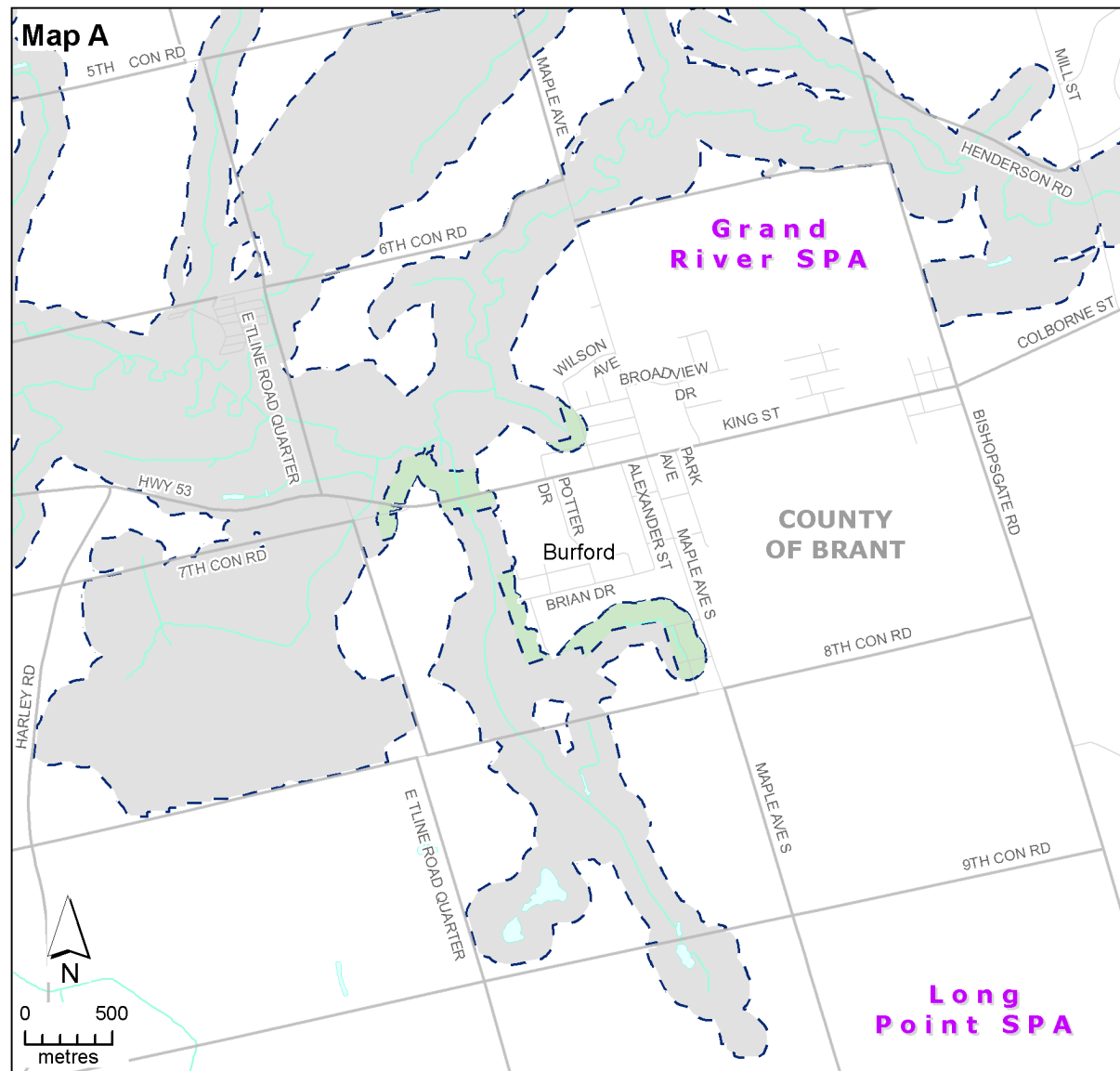


Significant Drinking Water Threat Policy Applicability

Index Map -
Intake Protection ZonesGrand River
Conservation Authority

1. Updated November 8, 2018
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.

Schedule J: County of Brant, Intake Protection Zones, Map A

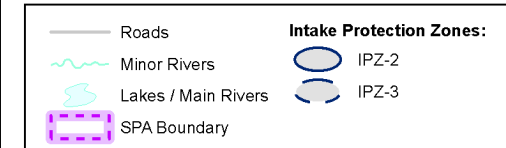


Significant Drinking Water Threat Policy Applicability

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.

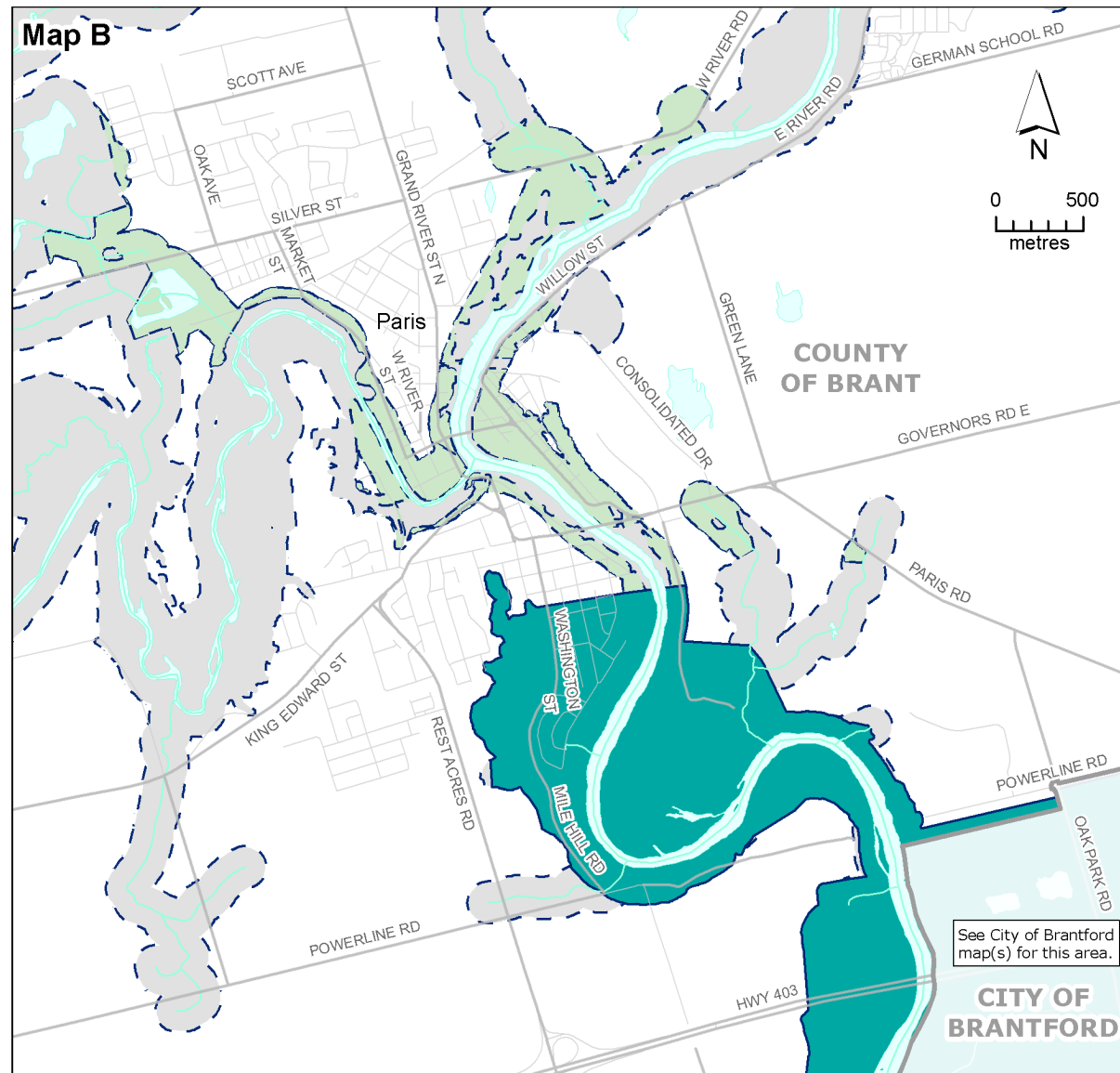
*Application of Commercial Fertilizer, Non-Agricultural Source Material, and Road Salt may not be a significant drinking water threat in some areas due to the % managed land, livestock density, and/or % impervious surface calculations for these areas. See the text of the plan for further details.



Grand River
Conservation Authority

1. Updated November 9, 2018
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.

Schedule K: County of Brant, Intake Protection Zones, Map B



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.

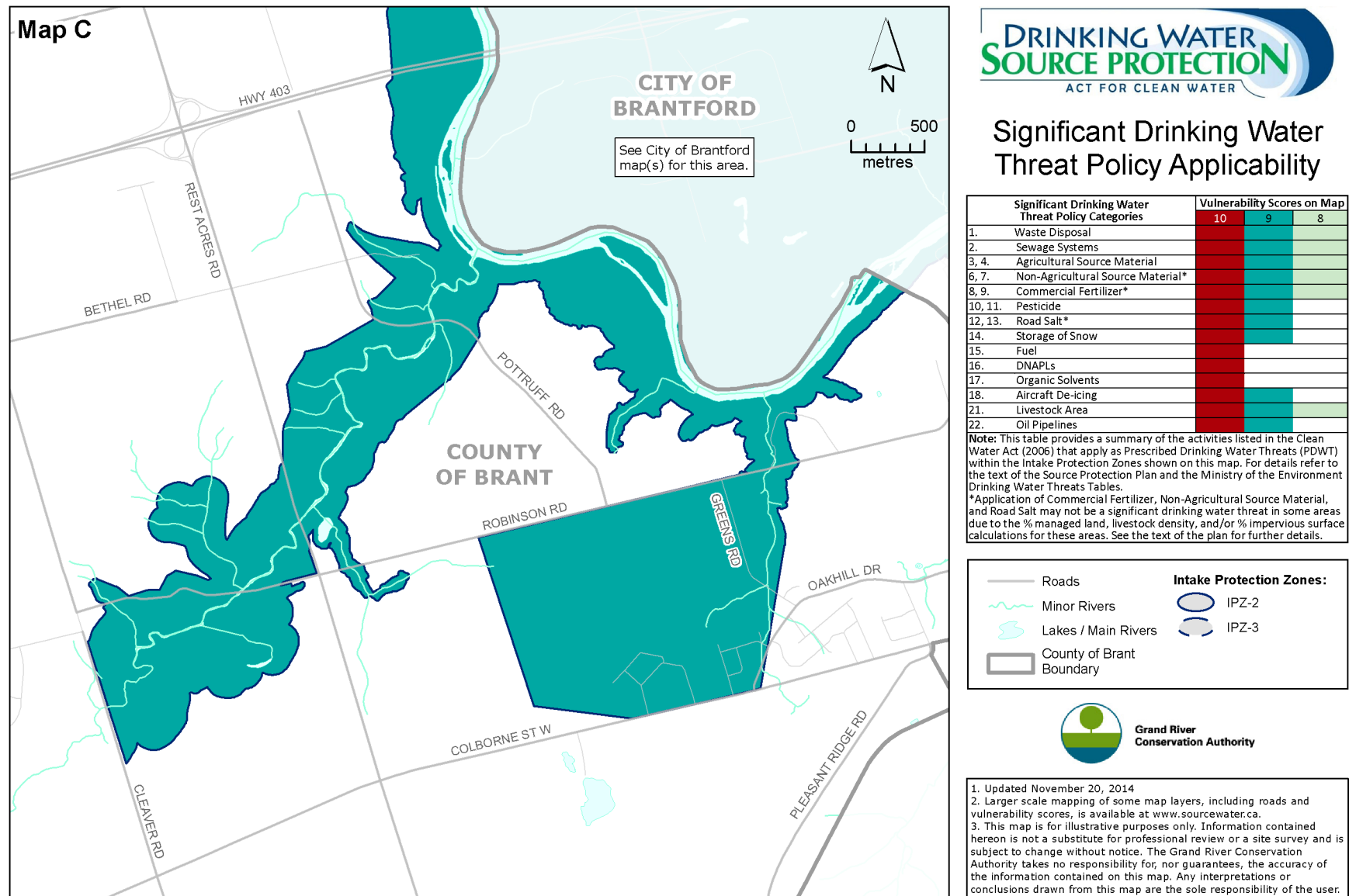
— Roads	Intake Protection Zones:
— Minor Rivers	IPZ-2
— Lakes / Main Rivers	IPZ-3
— County of Brant Boundary	



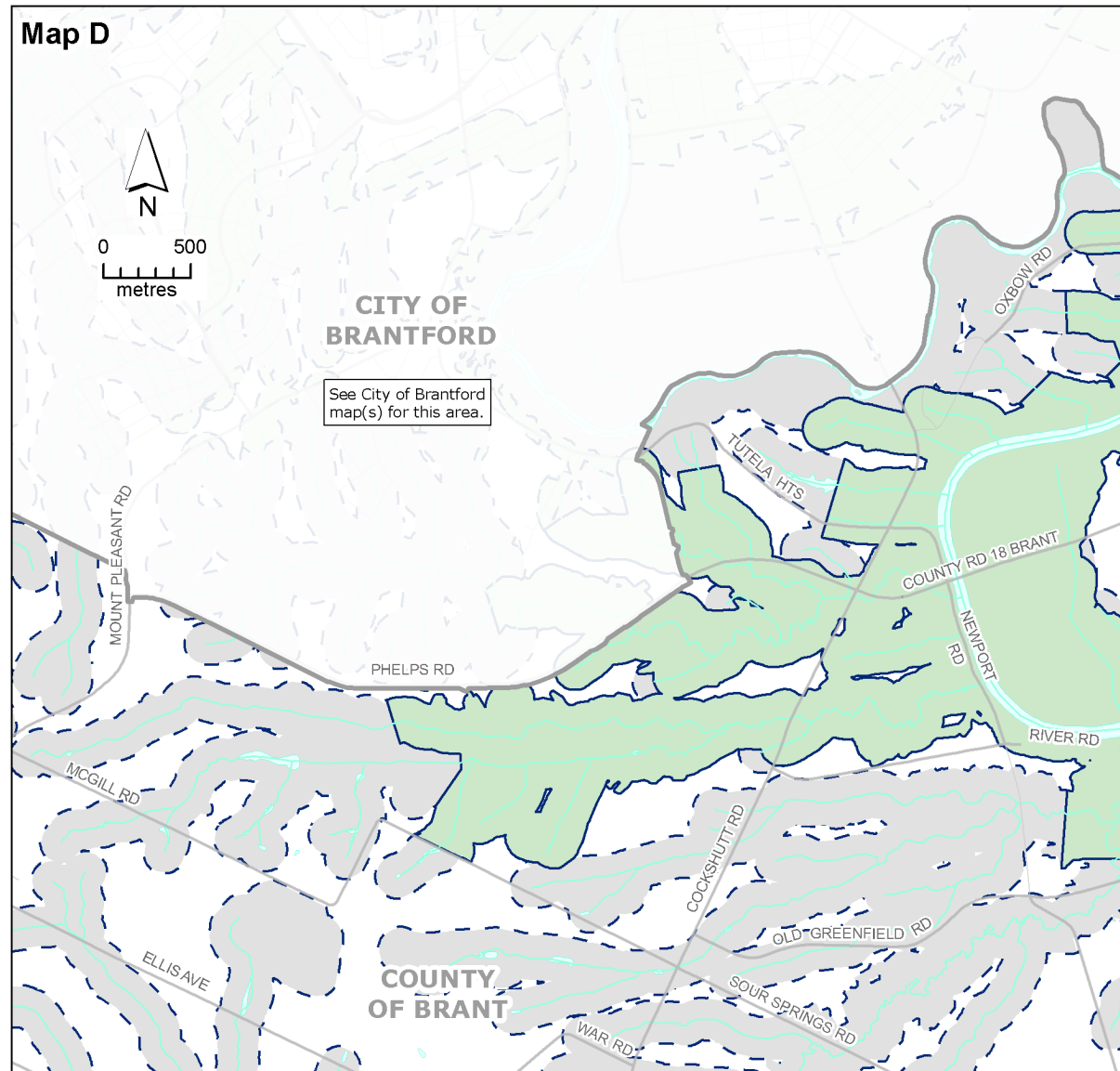
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Schedule L: County of Brant, Intake Protection Zones, Map C



Schedule M: County of Brant, Intake Protection Zones, Map D

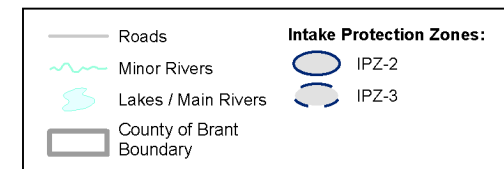


Significant Drinking Water Threat Policy Applicability

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.

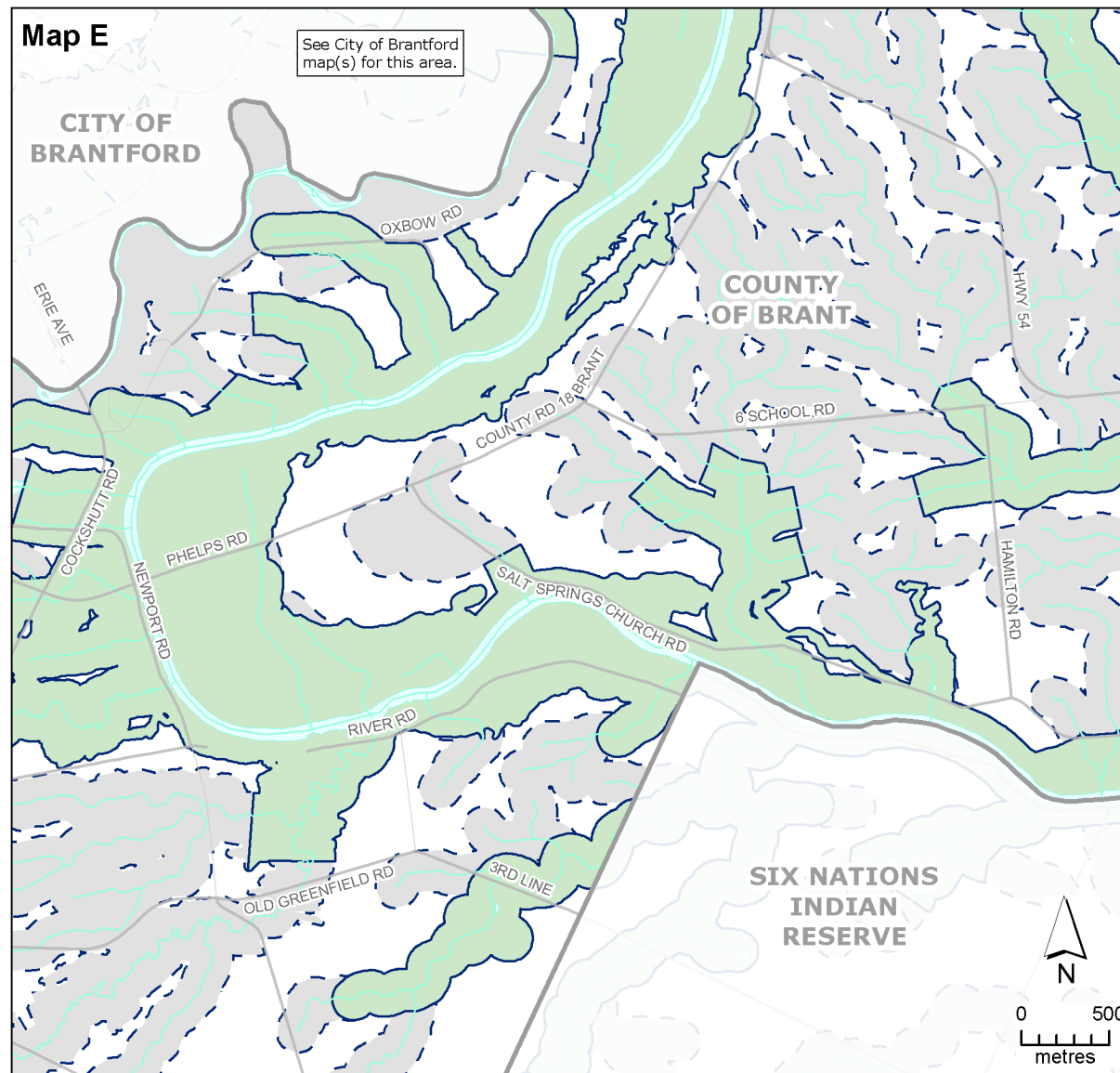
*Application of Commercial Fertilizer, Non-Agricultural Source Material, and Road Salt may not be a significant drinking water threat in some areas due to the % managed land, livestock density, and/or % impervious surface calculations for these areas. See the text of the plan for further details.



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Schedule N: County of Brant, Intake Protection Zones, Map E

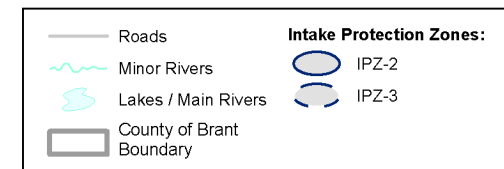


Significant Drinking Water Threat Policy Applicability

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.

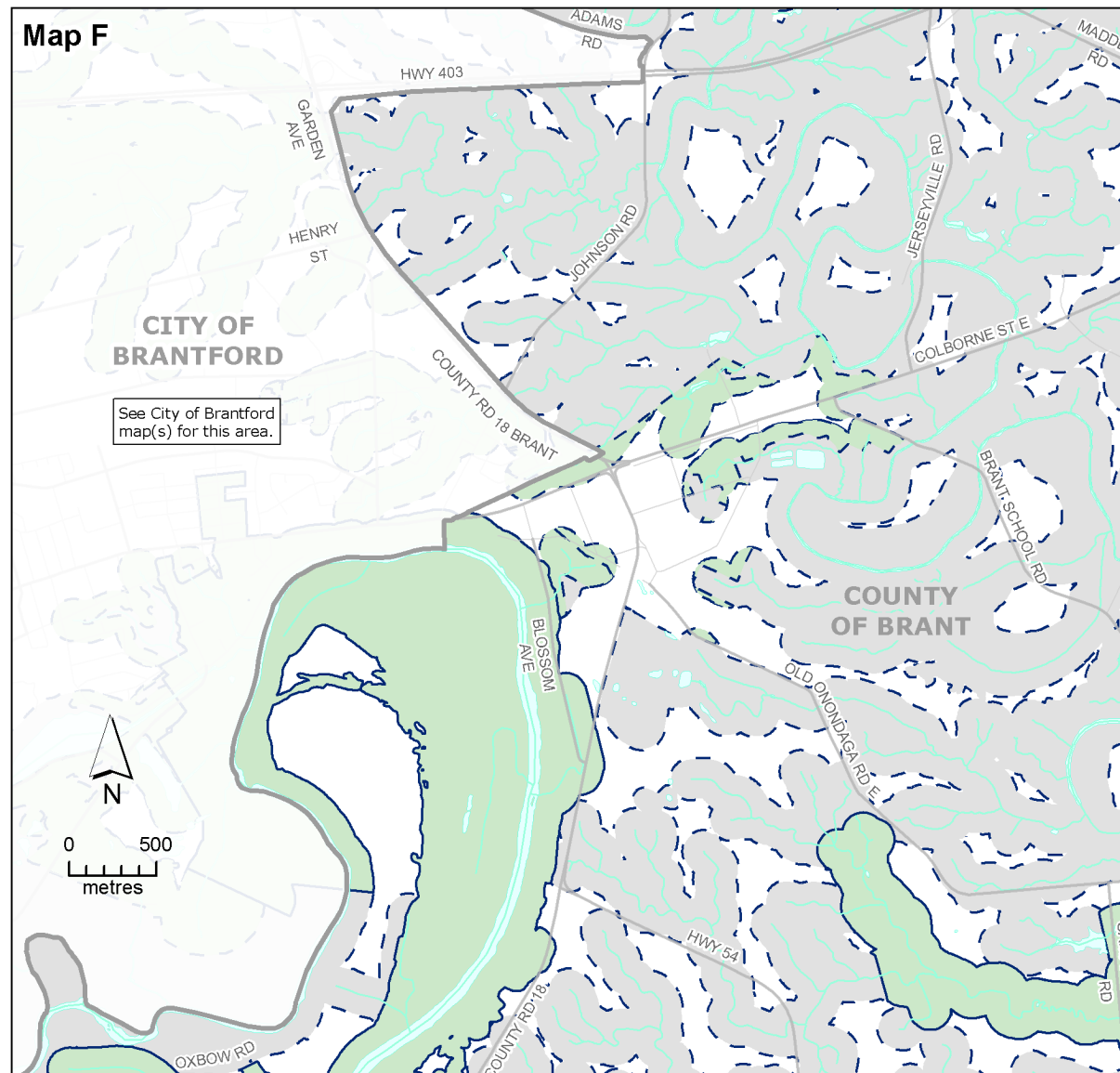
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Schedule O: County of Brant, Intake Protection Zones, Map F

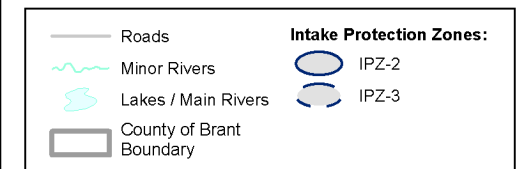


Significant Drinking Water Threat Policy Applicability

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.

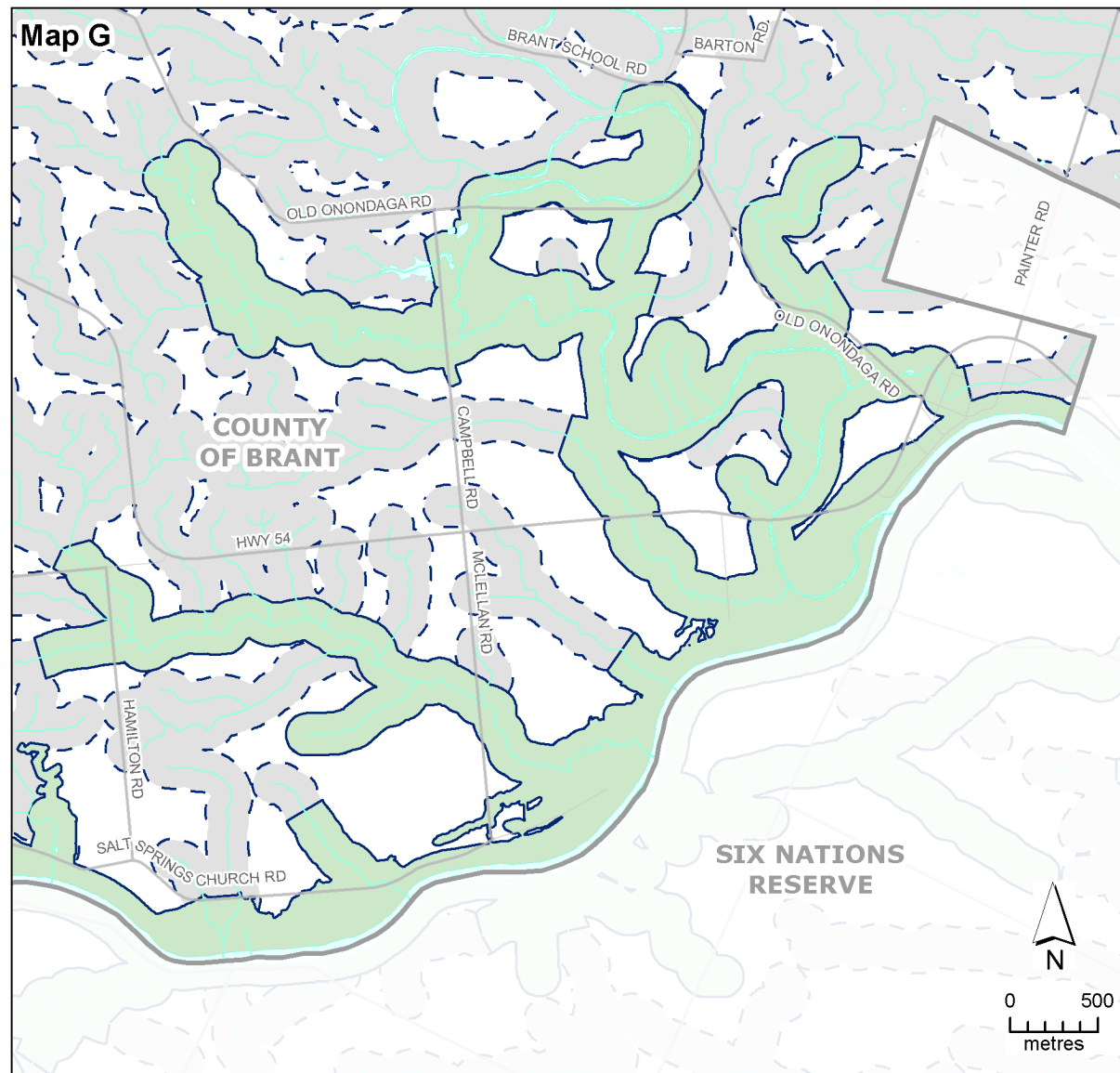
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Schedule P: County of Brant, Intake Protection Zones, Map G



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.

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— Roads	Intake Protection Zones:
~ Minor Rivers	IPZ-2
~ Lakes / Main Rivers	IPZ-3
□ County of Brant Boundary	



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