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15.0 CITY OF BRANTFORD

The following City of Brantford Source Protection Plan policies apply to the Holmedale Water Treatment Plant Intake Protection Zones within the City of Brantford as presented in Schedule A through E. For areas outside of the City of Brantford, the County of Brant (which includes Ohsweken (off-reserve)) and Regional Municipality of Waterloo Source Protection Plan policies should be reviewed.

- Schedule A: City of Brantford: Intake Protection Zones, Index Map
- Schedule B: City of Brantford: Intake Protection zones, Map A
- Schedule C: City of Brantford: Intake Protection zones, Map B
- Schedule D: City of Brantford: Intake Protection zones, Map C
- Schedule E: City of Brantford: Intake Protection zones, Map D

15.1 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 City of Brantford Source Protection Policies.

Existing – means a use or activity at a location in a vulnerable area as of the date the Source Protection Plan takes effect, or prior to the date the Source Protection Plan takes effect, with a demonstrated intent to continue.

New or Future – means use or activity at a location in a vulnerable area established after the date the Source Protection Plan takes effect.

City – means the Corporation of the City of Brantford

15.2 City Of Brantford Source Protection Plan Policies

Policy Number	Source Protection Plan Policies within the City of Brantford
Implementation Timing	
CB-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.
CB-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. <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 the relevant policies within this Source Protection Plan took effect, policies regarding prohibited activities do not apply to a person who

Policy Number	Source Protection Plan Policies within the City of Brantford
	<p>engages in the activity at that location until 180 days from the date the Source Protection Plan takes effect;</p> <ul style="list-style-type: none"> b. For Section 58 of the <i>Clean Water Act</i>, 2006 if an activity was engaged in at a particular location before the relevant policies within this Source Protection Plan took effect 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</i>, 2006 policies regarding restricted land uses shall take effect the same day the relevant policies within the Source Protection Plan takes effect; d. Where the Source Protection Policies require the City 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 takes effect; e. For Sections 43 of the <i>Clean Water Act</i>, 2006 if an activity was engaged in at a particular location before this Source Protection Plan or amendment took effect, amendments to Prescribed Instruments shall be completed within three (3) years from the date the relevant policies within the Source Protection Plan takes effect; f. For Section 40 and 42 of the <i>Clean Water Act</i>, 2006 the Official Plan must be amended 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 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 the adoption of the Official Plan.
Uses and Areas Designated as Restricted Land Uses	
<p>CB-CW-1.2</p> <p style="text-align: center;"><i>Part IV- RLU</i></p>	<p>In accordance with Section 59 of the <i>Clean Water Act</i>, 2006, all land uses, except solely residential uses, where significant drinking water threat activities have been designated for the purpose of Section 57 or Section 58 of the <i>Clean Water Act</i>, 2006, 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 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>
Official Plan and Zoning By-law Amendment(s) Policies	
<p>CB-MC-1.3</p> <p style="text-align: center;"><i>Future Land Use Planning</i></p>	<p>The City shall amend its Official Plan and respective Zoning By-Laws to:</p> <ul style="list-style-type: none"> a. Identify the vulnerable areas in which drinking water threats prescribed under the <i>Clean Water Act</i>, 2006 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 the Source Protection Plan policies; and

Policy Number	Source Protection Plan Policies within the City of Brantford
	c. Incorporate any other amendments required to conform with the threat specific land use policies identified in this Source Protection Plan.
Stewardship Program	
CB-CW-1.4 <i>Existing/Future Stewardship Programs</i>	The City and the Source Protection Authority request continued Provincial funding and support for incentive programs, such as the Ontario Drinking Water Stewardship Program, to assist in protecting existing and future drinking water sources and addressing significant drinking water threats.
Education and Outreach Programs	
CB-CW-1.5 <i>Existing/Future Education&Outreach</i>	<p>To reduce the risks to drinking water from any existing and/or future significant drinking water threat, the City of Brantford, 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 City. 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>The Education and Outreach program may consist of targeted mailings to specific property owners, inserts with current City mailings, inclusion of Source Water Protection information in existing education and outreach programs and/or information available on the City's website.</p>
Annual Reporting	
CB-CW-1.6 <i>Monitoring</i>	The City 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 City 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.
CB-CW-1.7 <i>Monitoring</i>	Where the City 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 City shall provide proof of compliance to the Source Protection Authority and shall provide a copy of such compliance within 30 days of the amendments coming into effect or, where the matter has been appealed to the Ontario Municipal Board, the date of their decision to approve.
CB-CW-1.8 <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.
CB-CW-1.9 <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 applicable ministry shall provide a written report summarizing this information to the Source Protection Authority by February 1 st of each year.
CB-CW-1.10 <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	Source Protection Plan Policies within the City of Brantford
Strategic Action	
Spill Prevention, Spill Contingency or Emergency Response Plans	
CB-NB-1.11 <i>Existing/Future Specify Action</i>	To reduce the risks to drinking water from spills that occur within the Intake Protection Zone (IPZ) along highways, railway lines, or shipping lanes, <ul style="list-style-type: none"> a. The City shall incorporate the location of Intake Protection Zones into their Emergency Response Plans. b. The Ministry of the Environment, Conservation and Parks, shall provide mapping of the Intake Protection Zones (IPZ) to assist the Spills Action Centre in responding to reported spills along transportation corridors.
Interpretation	
CB-CW-1.12 <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 also applicable to any policy statement, regulation or guideline issued by the Province or the municipality.
Transition	
CB-CW-1.13 <i>Transition</i>	Despite the definition of existing, for the purposes of this Plan, where one or more of the following: <ul style="list-style-type: none"> a. A complete application for development under the <i>Planning Act or Condominium Act</i>; b. An application for Environmental Compliance Approval; or c. An application for a Building Permit. <p>has been received by the applicable implementing body prior to the date this Source Protection Plan takes effect a related significant drinking water threat 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>

15.3 Policies Addressing Prescribed Drinking Water Threats

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the City of Brantford
1. Establishment, Operation or Maintenance of a Waste Disposal Site, within the Meaning of Part V of the <i>Environmental Protection Act</i>	
CB-MC-2.1 <i>Future Prescribed Instr. IPZ-1-v.10; IPZ-2-v.9; IPZ-3-v.8</i>	To ensure any 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, where such an activity would be a significant drinking water threat, never becomes a significant drinking water threat, the Ministry of the Environment, Conservation and Parks shall prohibit these activities within the Environmental Compliance Approvals process.

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the City of Brantford
CB-MC-2.2 <i>Existing Prescribed Instr. IPZ-1-v.10; IPZ-2-v.9; IPZ-3-v.8</i>	<p>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, where such an activity is a significant drinking water threat, cease to be a significant drinking water threat, the Ministry of the Environment, Conservation and Parks shall ensure that Environmental Compliance Approvals include appropriate terms and conditions.</p> <p>As part of the Environmental Compliance Approval that governs an existing waste disposal site, the Ministry of the Environment, Conservation and Parks should include appropriate terms and conditions to ensure the proponent maintains records on site and/or makes them available upon request.</p>
CB-CW-2.3 <i>Future Part IV-Prohibit IPZ-1-v.10; IPZ-2-v.9; IPZ-3-v.8</i>	<p>To ensure any new waste disposal site, within the meaning of Part V of the <i>Environmental Protection Act</i>, with the exception of the 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 as per O. Reg. 347, which does not require an Environmental Compliance Approval, where such an activity would be a significant drinking water threat, 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 is therefore prohibited in the following vulnerable areas:</p> <ol style="list-style-type: none"> a. In an Intake Protection Zone 1 with a vulnerability score equal to ten (10) b. In an Intake Protection Zone 2 with a vulnerability score equal to nine (9), except for the storage of hazardous waste or liquid industrial waste c. In an Intake Protection Zone 3 with a vulnerability score equal to eight (8), except for the storage of hazardous waste or liquid industrial waste
CB-CW-2.4 <i>Future Part IV- RMP IPZ-2-v.9; IPZ-3-v.8</i>	<p>To ensure any new waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i>, for the storage of hazardous and liquid industrial waste, with the exception of the 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 as per O. Reg. 347, which does not require an Environmental Compliance Approval and where such waste disposal site would be a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required to manage the activity such that it never becomes a significant drinking water threat in the following vulnerable areas:</p> <ol style="list-style-type: none"> a. In an Intake Protection Zone 2 with a vulnerability score equal to nine (9) b. In an Intake Protection Zone 3 with a vulnerability score equal to eight (8) <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>
CB-CW-2.5 <i>Existing Part IV - RMP IPZ-1-v.10; IPZ-2-v.9; IPZ-3-v.8</i>	<p>To ensure any existing waste disposal site, within the meaning of Part V of the <i>Environmental Protection Act</i>, with the exception of the 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 as per O. Reg. 347, which does not require an Environmental Compliance Approval, where such an activity is a significant drinking water threat, cease to be a significant drinking water threat, this activity shall be designated for</p>

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the City of Brantford
	<p>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 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>CB-CW-2.6</p> <p><i>Existing/Future Education&Outreach IPZ-1-v.10;</i></p>	<p>The City of Brantford, in collaboration with Conservation Authorities and other bodies wherever possible, shall develop and implement education and outreach programs to address any existing and future waste disposal site, within the meaning of Part V of the <i>Environmental Protection Act</i>, including the 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 as per O. Reg. 347, within vulnerable areas where this activity is or would be a significant drinking water threat, 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>
<p>2. Establishment, Operation or Maintenance of a System That Collects, Stores, Transmits, Treats or Disposes of Sewage</p>	
<p>Sewage System or Sewage Works- Onsite Sewage System and Onsite Sewage System Holding Tanks</p>	
<p>CB-CW-3.1</p> <p><i>Existing/Future Education&Outreach IPZ-1-v.10</i></p>	<p>To ensure any existing or new onsite sewage systems within Intake Protection Zone 1 where such an activity is, or would be, a significant drinking water threat, ceases to be and/or never becomes a significant drinking water threat, the City shall develop an education and outreach program to encourage landowners to connect to a municipal sewage system where municipal services are provided.</p>
<p>CB-MC-3.2</p> <p><i>Existing/Future Prescribed Instr. IPZ-1-v.10</i></p>	<p>To ensure any existing or new onsite sewage systems, regulated under Section 53 of the <i>Ontario Water Resources Act</i>, where such an activity is, or would be, a significant drinking water threat, the Ministry of the Environment, Conservation and Parks shall review or prepare Environmental Compliance Approvals to ensure that terms and conditions are incorporated that, when implemented, the activity will cease to be and/or never becomes a significant drinking water threat.</p>
<p>Sewage System or Sewage Works – Sewage Storage - Treatment or Holding Tanks Sewage System or Sewage Works - Sanitary Sewers and Related Pipes Sewage System or Sewage Works - Industrial Effluent Discharges (Includes Lagoons)</p>	
<p>CB-MC-3.3</p> <p><i>Existing/Future Prescribed Instr. IPZ-1-v.10; IPZ-2-v.9; IPZ-3-v.8</i></p>	<p>To ensure any existing or new sewage treatment tanks, sanitary sewers and related pipes, and industrial effluent discharges where such activities are, or would be, significant drinking water threats, the Ministry of the Environment, Conservation and Parks shall review or prepare Environmental Compliance Approvals to ensure that terms and conditions are incorporated, that when implemented, ceases to be and/or never becomes a significant drinking water threat.</p>
<p>Sewage System or Sewage Works - Discharge from a Stormwater Management Facility</p>	
<p>CB-MC-3.4</p> <p><i>Existing/Future Prescribed Instr. IPZ-1-v.10; IPZ-2-v.9; IPZ-3-v.8</i></p>	<p>To ensure any existing or new discharge from a stormwater management facility within an Intake Protection Zone where such activity is or would be a significant drinking water threat, the Ministry of the Environment, Conservation and Parks shall review or prepare Environmental Compliance Approvals to ensure that terms and conditions are incorporated that, when implemented, cease to be and/or never become a significant drinking water threat.</p>

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the City of Brantford
CB-MC-3.5 <i>Future Land Use Planning IPZ-1-v.10; IPZ-2-v.9; IPZ-3-v.8</i>	To ensure any future discharge from a stormwater management facility, where such an activity would be a significant drinking water threat, never becomes a significant drinking water threat, and in consideration of applications received under the <i>Planning Act</i> or <i>Condominium Act</i> the City of Brantford shall locate future stormwater management facilities outside of the Intake Protection Zone, wherever possible.
CB-CW-3.5.1 <i>Future RMP IPZ-1-v.10; IPZ-2-v.9; IPZ-3-v.8</i>	To ensure any new discharge of stormwater from a stormwater management facility where such an activity would be a significant drinking water threat, never becomes a significant drinking water threat; this activity is designated for the purpose of Section 58, of the Clean Water Act, 2006 and a Risk Management Plan shall be required where a Ministry of the Environment, Conservation and Parks Environmental Compliance Approval is not required.
Sewage System or Sewage Works - Combined Sewer Discharge from a Stormwater Outlet to Surface Water	
CB-MC-3.6 <i>Existing Prescribed Instr. IPZ-1-v.10; IPZ-2-v.9; IPZ-3-v.8</i>	To ensure any existing combined sewer discharge from a stormwater outlet to surface water where such an activity would be a significant drinking water threat, the Ministry of the Environment, Conservation and Parks shall review Environmental Compliance Approvals to ensure that terms and conditions are incorporated that, when implemented the activity shall cease to be a significant drinking water threat.
CB-MC-3.7 <i>Future Prescribed Instr. IPZ-1-v.10; IPZ-2-v.9; IPZ-3-v.8</i>	To ensure any future combined sewer discharge from a stormwater outlet to surface water where such an activity would be a significant drinking water threat, never becomes a significant drinking water threat; the Ministry of the Environment, Conservation and Parks shall prohibit these activities within the Environmental Compliance Approvals process.
Sewage System or Sewage Works - Sewage Treatment Plant By-pass Discharge to Surface Water Sewage System or Sewage Works - Sewage Treatment Plant Effluent Discharges (includes lagoons)	
CB-MC-3.8 <i>Existing Prescribed Instr. IPZ-1-v.10; IPZ-2-v.9; IPZ-3-v.8</i>	To ensure any existing sewage treatment plant by-pass to surface water and effluent discharges where such activities are significant drinking water threats, the Ministry of the Environment, Conservation and Parks shall review Environmental Compliance Approvals to ensure that terms and conditions are incorporated, that when implemented, the activity shall cease to be a significant drinking water threat.
CB-MC-3.9 <i>Future Prescribed Instr. IPZ-1-v.10; IPZ-2-v.9; IPZ-3-v.8</i>	To ensure any future sewage treatment plant by-pass to surface water and effluent discharges where such activities would be significant drinking water threats, never become significant drinking water threats, the Ministry of the Environment, Conservation and Parks shall prohibit these activities within the Environmental Compliance Approvals process.
3. The Application of Agricultural Source Material to Land	
CB-CW-4.1 <i>Existing/Future Part IV-RMP. IPZ-1-v.10; IPZ-2-v.9; IPZ-3-v.8</i>	<p>To ensure any existing or future application of Agricultural Source Material (ASM) to land, on farms not phased-in under the <i>Nutrient Management Act</i> where such an activity is or would be a significant drinking water threat, ceases to be and/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 shall be required.</p> <p>As a minimum, this Risk Management Plan shall be based upon the regulatory requirements of a Nutrient Management Plan and/or Strategy under the <i>Nutrient Management Act</i> and scoped to address these specific threats.</p>
CB-MC-4.2	To ensure any existing and future application of Agricultural Source Material (ASM) to land on farms phased-in under the <i>Nutrient Management Act</i> where such an activity is or would

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the City of Brantford
<p><i>Existing/Future Prescribed Instr.</i> IPZ-1-v.10; IPZ-2-v.9; IPZ-3-v.8</p>	<p>be a significant drinking water threat, the Ontario Ministry of Agriculture, Food and Rural Affairs shall review or prepare Nutrient Management Plans and/or Strategies to ensure that terms and conditions are incorporated that, when implemented, the activity ceases to be and/or never becomes a significant drinking water threat.</p>
4. The Storage of Agricultural Source Material	
<p>CB-CW-5.1</p> <p><i>Existing Part IV-RMP</i> IPZ-1-v.10; IPZ-2-v.9; IPZ-3-v.8</p>	<p>To ensure any existing storage of Agricultural Source Material (ASM) on farms not phased-in under the <i>Nutrient Management Act</i> where such an activity is a significant drinking water threat, ceases to be 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 shall be required.</p> <p>As a minimum, this Risk Management Plan shall be based upon the regulatory requirements of a Nutrient Management Plan and/or Strategy under the <i>Nutrient Management Act</i> and scoped to address these specific threats.</p>
<p>CB-MC-5.2</p> <p><i>Existing Prescribed Instr.</i> IPZ-1-v.10; IPZ-2-v.9; IPZ-3-v.8</p>	<p>To ensure any existing storage of Agricultural Source Material (ASM) on farms phased-in under the <i>Nutrient Management Act</i> where such an activity is a significant drinking water threat the Ontario Ministry of Agriculture, Food and Rural Affairs shall review Nutrient Management Plans and/or Strategies to ensure that terms and conditions are incorporated that, when implemented, the activity ceases to be a significant drinking water threat.</p>
<p>CB-CW-5.3</p> <p><i>Future Part IV-Prohibit</i> IPZ-1-v.10; IPZ-2-v.9; IPZ-3-v.8</p>	<p>To ensure any future storage of Agricultural Source Material (ASM) where such an activity would be a significant drinking water threat, never becomes a significant drinking water threat; the activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and is therefore prohibited.</p>
6. The Application of Non-Agricultural Source Material (NASM) to Land	
7. The Handling and Storage of Non-Agricultural Source Material (NASM)	
<p>CB-MC-6.1</p> <p><i>Existing/Future Prescribed Instr.</i> IPZ-2-v.9; IPZ-3-v.8</p> <p><i>Policy only applies to the application of NASM containing material from sewage works or meat plant</i></p>	<p>To ensure any existing or future application, or handling and storage of Non-Agricultural Source Material (NASM) where such an activity is or would be a significant drinking water threat in Intake Protection Zone 2 with a vulnerability score of 9 and Intake Protection Zone 3 with a vulnerability score of eight (8), the Ontario Ministry of Agriculture, Food and Rural Affairs, or the Ministry of the Environment, Conservation and Parks, shall review NASM Plans, 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 terms and conditions are incorporated that, when implemented, these activities cease to be and/or never become significant drinking water threats.</p>
<p>CB-MC-6.2</p> <p><i>Existing/Future Prescribed Instr.</i> IPZ-1-v.10;</p> <p><i>Policy only applies to the application of NASM containing material from sewage works or meat plant</i></p>	<p>To ensure any existing or future application, or handling and storage of Non-Agricultural Source Material (NASM) where such an activity is or would be a significant drinking water threat in Intake Protection Zone 1, the Ontario Ministry of Agriculture, Food and Rural Affairs, or the Ministry of the Environment, Conservation and Parks, shall prohibit NASM Plans, in accordance with the <i>Nutrient Management Act</i>, or Environmental Compliance Approvals, in accordance with the <i>Environmental Protection Act</i>, to ensure these activities cease to be and/or never become significant drinking water threats.</p>
9. The Handling and Storage of Commercial Fertilizer	

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the City of Brantford
CB-MC-7.2 <i>Future</i> <i>Part IV - Prohibit</i> <i>IPZ-1-v.10</i>	To ensure any future handling and storage of commercial fertilizer never becomes a significant drinking water threat, within Intake Protection Zone 1, where such an activity is or would be a significant drinking water threat, these activities shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and are therefore prohibited.
CB-CW-7.3 <i>Existing</i> <i>Part IV-RMP</i> <i>IPZ-1-v.10</i>	To ensure the existing handling and storage of commercial fertilizer never becomes a significant drinking water threat, within Intake Protection Zone 1, where such an activity is or would be a significant drinking water threat, these activities are designated for the purposes of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
10. The Application of Pesticide to Land	
CB-CW-8.1 <i>Existing/Future</i> <i>Part IV-RMP</i> <i>IPZ-1.v.10;</i> <i>IPZ-2-v.9</i>	To ensure any existing or future application of pesticides, on non-residential properties, where such an activity is or would be a significant drinking water threat, ceases to be and or never becomes a significant drinking water threat, this activity is designated for the purposes of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
CB-CW-8.2 <i>Existing/Future</i> <i>Education&Outreach</i> <i>IPZ-1-v.10;</i> <i>IPZ-2-v.9</i>	To ensure any existing or future application of pesticides, on residential properties, where such activities are, or would be significant drinking water threats, ceases to be and or never becomes a significant drinking water threat the City shall develop and implement education and outreach programs on the use of best management practices.
11. The Handling and Storage of Pesticides	
CB-CW-9.1 <i>Existing/ Future</i> <i>Part IV-RMP</i> <i>IPZ- 2-v.9</i>	To ensure any existing and future handling and storage of pesticides on non-residential properties cease to be and/or never becomes a significant drinking water threat, within Intake Protection Zone 2, where such an activity is a significant drinking water threat, this activity is designated for the purposes of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
CB-CW-9.2 <i>Future</i> <i>Part IV-Prohibit</i> <i>IPZ- 1-v.10</i>	To ensure any future handling and storage of pesticides within the meaning of the <i>Pesticide Act</i> within Intake Protection Zone 1, where such an activity would be a significant drinking water threat, never becomes a significant drinking water threat, this activity is designated for the purposes of Section 57 of the <i>Clean Water Act, 2006</i> and is therefore prohibited.
CB-CW-9.3 <i>Existing</i> <i>Part IV-RMP</i> <i>IPZ- 1-v.10</i>	To ensure any existing handling and storage of pesticides within the meaning of the <i>Pesticide Act</i> within Intake Protection Zone 1, where such an activity is a significant drinking water threat, ceases to be a significant drinking water threat, this activity is designated for the purposes of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
12. The Application of Road Salt 13. The Handling and Storage of Road Salt	

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the City of Brantford
CB-CW-10.1 <i>Existing/Future Education&Outreach IPZ-1-v.10; IPZ-2-v.9</i>	To ensure any existing or future handling and storage of road salt ceases to be and/or never becomes a significant drinking water threat where such activities are, or would be, significant drinking water threats, the City shall develop and implement education and outreach programs for the private and public sector, as well as the general public, about the impacts of road salt on drinking water sources and the use of best management practices. Key messages should be to promote the efficient use of road salts and the use of alternatives.
CB-CW-10.2 <i>Existing/Future Specify Action IPZ-1-v.10; IPZ-2-v.9</i>	To ensure the existing and future handling and storage of road salt ceases to be and/or never becomes a significant drinking water threat, where such activities are, or would be, significant drinking water threats, the City shall amend its salt management plan to identify the location of the Intake Protection Zones and to enhance best management practices in these areas.
CB-MC-10.3 <i>Future Land Use Planning IPZ-1-v.10; IPZ-2-v.9</i>	To ensure the future handling and storage of road salt never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat; related land uses shall be prohibited.
CB-CW-10.4 <i>Existing Part IV-RMP IPZ-1-v.10 IPZ-2-v.9</i>	To ensure the existing handling and storage of road salt where such an activity is a significant drinking water threat, ceases to be a significant drinking water threat this activity is designated for the purposes of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
CB-CW-10.5 <i>Existing/Future Education&Outreach IPZ-1-v.10</i>	To ensure any existing or future application of road salt where such activities are, or would be, significant drinking water threats, the City shall develop and implement education and outreach programs for the private and public sector, as well as the general public, about the impacts of road salt on drinking water sources and the use of best management practices. It is recommended that the key messages be the efficient use of road salts and the use of alternatives to ensure this activity ceases to be and/or never becomes a significant drinking water threat.
14. The Storage of Snow	
CB-MC-11.1 <i>Future Land Use Planning IPZ-1-v.10; IPZ-2-v.9</i>	To ensure the future storage of snow never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat; related land uses shall be prohibited.
CB-CW-11.2 <i>Existing Part IV-RMP IPZ-1-v.10 IPZ-2-v.9</i>	To ensure the existing storage of snow where such an activity is a significant drinking water threat, ceases to be a significant drinking water threat, the activity is designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
15. The Handling and Storage of Fuel	
CB-CW-12.1 <i>Existing Part IV-RMP IPZ-1-v.10</i>	To ensure any existing handling and storage of fuel greater than 2,500 Litres, where such an activity is or would be a significant drinking water threat, ceases to be a significant drinking water threat, this activity is designated for the purposes of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the City of Brantford
IPZ-2 v.9	The Risk Management Plan shall include the requirements for all storage tanks to comply with the requirements of the <i>Technical Standards and Safety Act</i> and its regulations, for all owners/operators to have an emergency response plan with emergency contact information of the municipality responsible for water services and the Spills Action Centre, and for the owner/operator to call both agencies in the case of a release of fuel.
CB-CW-12.1.1 Future Part IV-RMP IPZ-2 v.9	To ensure the future handling and storage of fuel greater than 2,500 Litres never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat; related land uses shall be designated for the purposes of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
CB-MC-12.2 Future Land Use Planning IPZ-1-v.10	To ensure the future handling and storage of fuel greater than 2,500 Litres never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat; related land uses shall be prohibited.
16. The Handling and Storage of a Dense Non-Aqueous Phase Liquid (DNAPL) 17. The Handling and Storage of an Organic Solvent	
CB-CW-13.1 Existing Part IV-RMP IPZ-1-v.10	To ensure the existing handling and storage of dense non-aqueous phase liquids (DNAPL) and organic solvents on non-residential properties ceases to be a significant drinking water threat, where such activities are significant drinking water threats these activities are designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
CB-CW-13.2 Future Part IV-Prohibition IPZ-1-v.10	To ensure the future handling and storage of dense non-aqueous phase liquids (DNAPL) and organic solvents on non-residential properties never becomes a significant drinking water threat, where such activities would be significant drinking water threats these activities are designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and are therefore prohibited.
CB-CW-13.3 Existing/Future Education&Outreach IPZ-1-v.10	To ensure the existing or future handling and storage of dense non-aqueous phase liquids (DNAPL) and organic solvents on residential properties, ceases to be and/or never becomes a significant drinking water threat where such activities are or would be significant drinking water threats, the City shall develop and implement an education and outreach program to encourage property owners to utilize alternative products where available and to use the proper disposal procedures for these products.
18. The Management of Runoff that Contains Chemicals Used in De-icing of Aircraft	
CB-NB-14.1 Future Specify Action IPZ-1-v.10; IPZ-2-v.9	To ensure the management of runoff containing chemicals used in the de-icing of aircraft where such an activity would be a significant drinking water threat, never becomes a significant drinking water threat, the airport authority shall insure the use of appropriate design standards and management practices to prevent the runoff from airport de-icing facilities from becoming a significant drinking water threat.
21. The Use of Land as Livestock Grazing or Pasturing Land, an Outdoor Confinement Area or Farm Animal Yard	
Management or Handling of Agricultural Source Material- (ASM) Generation (Grazing and Pasturing)	
CB-CW-15.1 Existing/Future Part IV-RMP IPZ-1-v.10; IPZ-2-v.9; IPZ-3-v.8	To ensure the existing or future use of land for livestock grazing or pasturing land, where such an activity is or would be a significant drinking water threat, ceases to be and/or never becomes a significant drinking water threat, this activity is designated for the purposes of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the City of Brantford
Management or Handling of Agricultural Source Material- (ASM) Generation (Yards or Confinement)	
CB-MC-15.2 <i>Existing/Future Prescribed Instr.</i> IPZ-1-v.10; IPZ-2-v.9 IPZ-3-v.8	To ensure the existing or future use of land as outdoor confinement areas of farm-animal yards, for farms phased in under the <i>Nutrient Management Act</i> , where such an activity is or would be a significant drinking water threat, the Ontario Ministry of Agriculture, Food and Rural Affairs shall review and amend Nutrient Management Plans and/or Strategies to ensure that terms and conditions are incorporated that, when implemented, the activity cease to be and/or never becomes a significant drinking water threat.
CB-CW-15.3 <i>Existing/Future Part IV-RMP.</i> IPZ-1-v.10; IPZ-2-v.9 IPZ-3-v.8	To ensure the existing or future use of land for outdoor confinement areas or farm-animal yards, for farms not phased in under the <i>Nutrient Management Act</i> where such an activity is or would be a significant drinking water threat, ceases to be and/or never becomes a significant drinking water threat, this activity is designated for the purposes of Section 58 of the <i>Clean Water Act</i> , 2006 and a Risk Management Plan shall be required.

15.4 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: CB-CW-1.1.1, CB-CW-1.1.2, CB-CW-1.2, CB-MC-1.3, CB-CW-1.13, CB-MC-3.5, CB-MC-10.3, CB-MC-11.1, CB-MC-12.2

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: CB-CW-1.1.1, CB-CW-1.1.2, CB-CW-1.13, CB-MC-2.1, CB-MC-2.2, CB-MC-3.2, CB-MC-3.3, CB-MC-3.4, CB-MC-3.6, CB-MC-3.7, CB-MC-3.8, CB-MC-3.9, CB-MC-4.2, CB-MC-5.2, CB-MC-6.1, CB-MC-6.2, CB-MC-15.2

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: CB-CW-1.1.1, CB-CW-1.1.2, CB-CW-1.4, CB-CW-1.5, CB-CW-1.12, CB-CW-1.13, CB-CW-2.6, CB-CW-3.1, CB-CW-8.2, CB-CW-10.1, CB-CW-10.2, CB-CW-10.5, CB-CW-13.3

LIST F

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

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

Content: CB-CW-1.6, CB-CW-1.7, CB-CW-1.8, CB-CW-1.9, CB-CW-1.10

LIST G

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

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

Content: CB-CW-1.1.1, CB-CW-1.1.2, CB-CW-1.13; CB-CW-2.3, CB-CW-5.3, CB-CW-7.2, CB-CW-9.2, CB-CW-13.2

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.”

Content: CB-CW-1.1.1, CB-CW-1.1.2, CB-CW-2.4, CB-CW-2.5, CB-CW-3.5.1, CB-CW-4.1, CB-CW-5.1, ,CB-CW-7.3, CB-CW-8.1, CB-CW-9.1, CB-CW-9.3, CB-CW-10.4, CB-CW-11.2, CB-CW-12.1, CB-CW-12.1.1, CB-CW-13.1, CB-CW-15.1, CB-CW-15.3

LIST I

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

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

Content: CB-CW-1.1.1, CB-CW-1.1.2, CB-CW-1.2

LIST J

Title: Strategic Action policies

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

Content: CB-NB-1.11

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: CB-NB-14.1

15.5 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
CB-CW-1.1.1	Comply With	X	X	X
CB-CW-1.1.2	Comply With	X	X	X
CB-CW-1.14	Comply With	X		X
CB-MC-2.1	Must Conform	X		X
CB-MC-2.2	Must Conform	X		X
CB-MC-3.2	Must Conform	X		X
CB-MC-3.3	Must Conform	X		X
CB-MC-3.4	Must Conform	X		X
CB-MC-3.6	Must Conform	X		X
CB-MC-3.7	Must Conform	X		X
CB-MC-3.8	Must Conform	X		X
CB-MC-3.9	Must Conform	X		X
CB-MC-4.2	Must Conform		X	
CB-MC-5.2	Must Conform		X	
CB-MC-6.1	Must Conform	X	X	
CB-MC-6.2	Must Conform	X	X	
CB-MC-15.2	Must Conform		X	

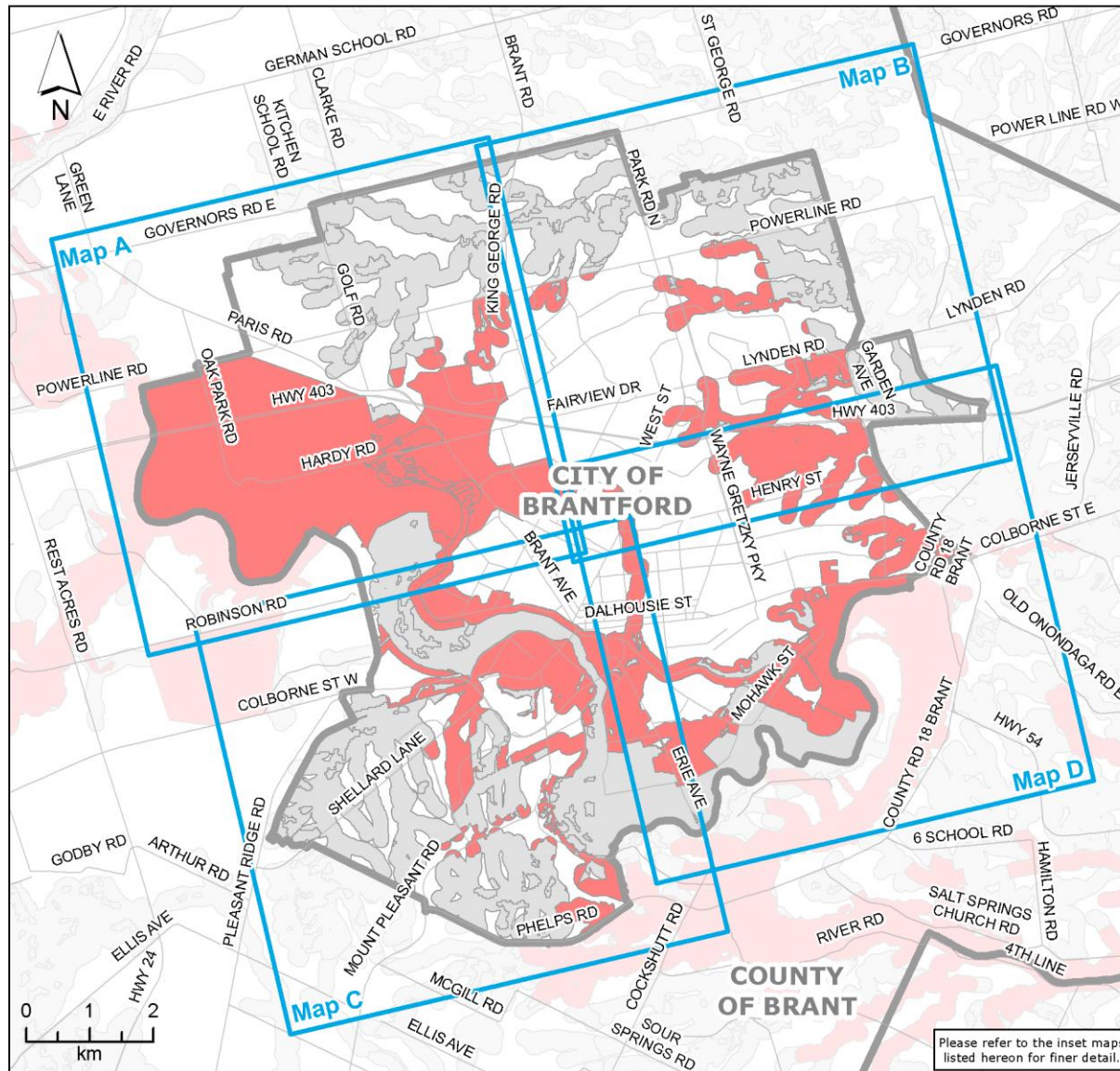
Table 2: Policy Summary Matrix

Policy ID#	Legal Effect (conform with, have regard to, non-binding)	Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)	Policy affects Prescribed Instrument decisions (Lists C and D)	Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)	Monitoring policies referred to in s.22(2) of the 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)
CB-CW-1.1.1	Comply With	X	X	X		X		
CB-CW-1.1.2	Comply With	X	X	X		X		
CB-CW-1.2	Comply With	X				X		
CB-MC-1.3	Must Conform	X						
CB-MC-3.5	Must Conform	X						
CB-MC-10.3	Must Conform	X						
CB-MC-11.1	Must Conform	X						
CB-MC-12.2	Must Conform	X						
CB-MC-1.14	Must Conform	X	X	X		X		

Policy ID#	Legal Effect (conform with, have regard to, non-binding)	Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)	Policy affects Prescribed Instrument decisions (Lists C and D)	Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)	Monitoring policies referred to in s.22(2) of the 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)
CB-MC-2.1	Must Conform		X					
CB-MC-2.2	Must Conform		X					
CB-MC-3.2	Must Conform		X					
CB-MC-3.3	Must Conform		X					
CB-MC-3.4	Must Conform		X					
CB-MC-3.6	Must Conform		X					
CB-MC-3.7	Must Conform		X					
CB-MC-3.8	Must Conform		X					
CB-MC-3.9	Must Conform		X					
CB-MC-4.2	Must Conform		X					
CB-MC-5.2	Must Conform		X					
CB-MC-6.1	Must Conform		X					
CB-MC-6.2	Must Conform		X					
CB-MC-15.2	Must Conform		X					
CB-CW-1.4	Comply With			X				
CB-CW-1.5	Comply With			X				
CB-CW-1.12	Comply With			X				
CB-CW-2.6	Comply With			X				
CB-CW-3.1	Comply With			X				
CB-CW-8.2	Comply With			X				
CB-CW-10.1	Comply With			X				
CB-CW-10.2	Comply With			X				
CB-CW-10.5	Comply With			X				
CB-CW-12.3	Comply With			X				
CB-CW-13.3	Comply With			X				
CB-CW-1.6	Comply With				X			
CB-CW-1.7	Comply With				X			
CB-CW-1.8	Comply With				X			
CB-CW-1.9	Comply With				X			
CB-CW-1.10	Comply With				X			
CB-CW-2.4	Comply With					X		
CB-CW-2.5	Comply With					X		
CB-CW-3.5.1	Comply With					X		
CB-CW-5.3	Comply With					X		
CB-CW-9.2	Comply With					X		
CB-CW-2.3	Comply With					X		
CB-CW-4.1	Comply With					X		

Policy ID#	Legal Effect (conform with, have regard to, non-binding)	Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)	Policy affects Prescribed Instrument decisions (Lists C and D)	Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)	Monitoring policies referred to in s.22(2) of the 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)
CB-CW-5.1	Comply With					X		
CB-CW-7.3	Comply With					X		
CB-CW-8.1	Comply With					X		
CB-CW-9.1	Comply With					X		
CB-CW-9.3	Comply With					X		
CB-CW-10.4	Comply With					X		
CB-CW-11.2	Comply With					X		
CB-CW-12.1	Comply With					X		
CB-CW-12.1.1	Comply With					X		
CB-CW-13.1	Comply With					X		
CB-CW-13.2	Comply With					X		
CB-CW-15.1	Comply With					X		
CB-CW-15.3	Comply With					X		
CB-NB-1.11	Non-binding						X	
CB-NB-14.1	Non-binding							X

15.6 Schedule A: City of Brantford: Intake Protection Zones Index Map



Significant Drinking Water Threat Policy Applicability

Index Map - Intake Protection Zones

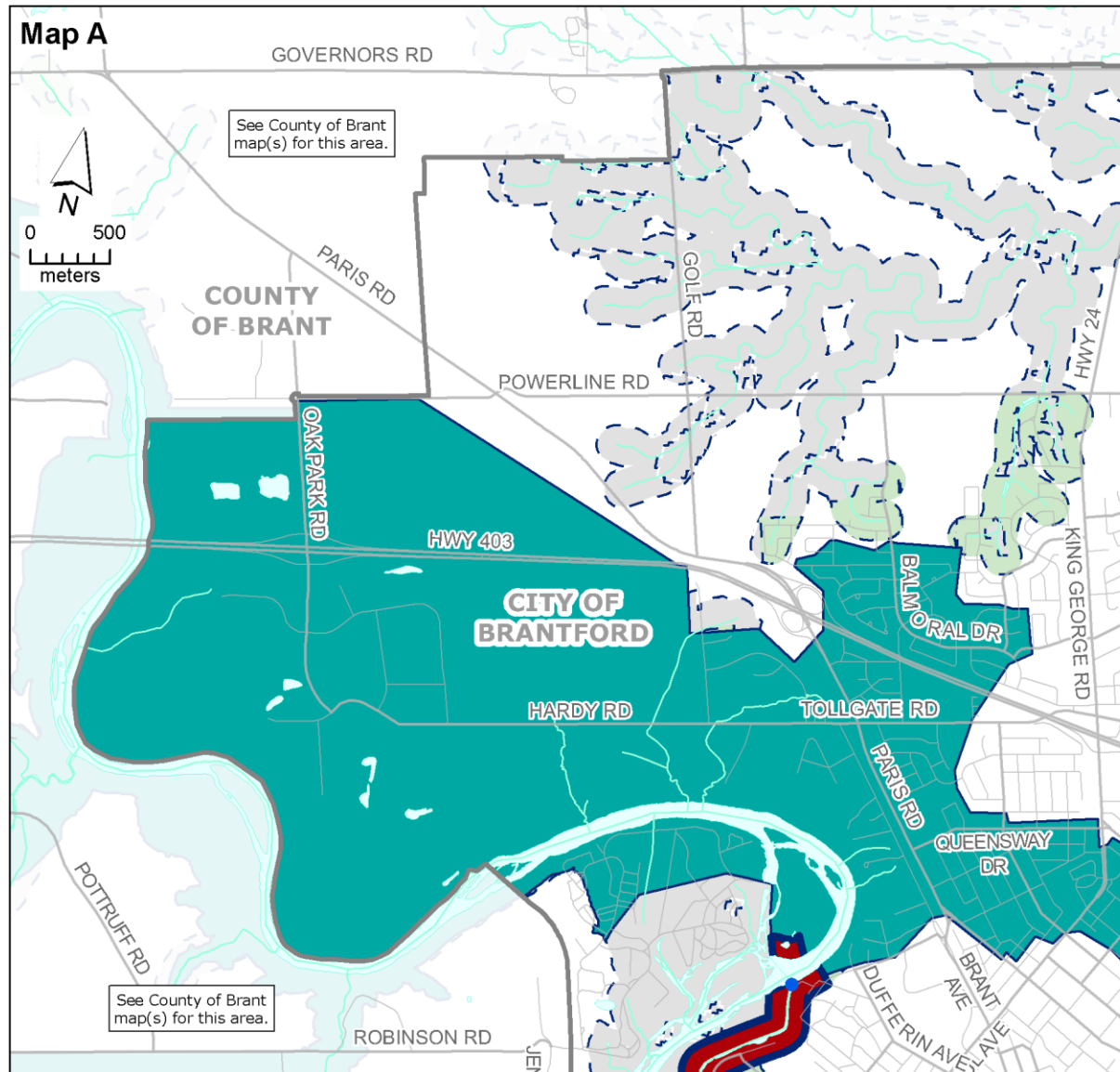
	Main Roads
	Upper / Single Tier Municipal Boundary
	Inset Map
Intake Protection Zones:	
	Vulnerability Score ≥ 8
	Vulnerability Score < 8



Grand River Conservation Authority

1. Updated January 30, 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.

15.7 Schedule B: City of Brantford: 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	10	9	8
2. Sewage Systems	10	9	8
3, 4. Agricultural Source Material	10	9	8
6, 7. Non-Agricultural Source Material*	10	9	8
8, 9. Commercial Fertilizer*	10	9	8
10, 11. Pesticide	10	9	8
12, 13. Road Salt*	10	9	8
14. Storage of Snow	10	9	8
15. Fuel	10	9	8
16. DNAPLs	10	9	8
17. Organic Solvents	10	9	8
18. Aircraft De-icing	10	9	8
21. Livestock Area	10	9	8
22. Oil Pipelines	10	9	8

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

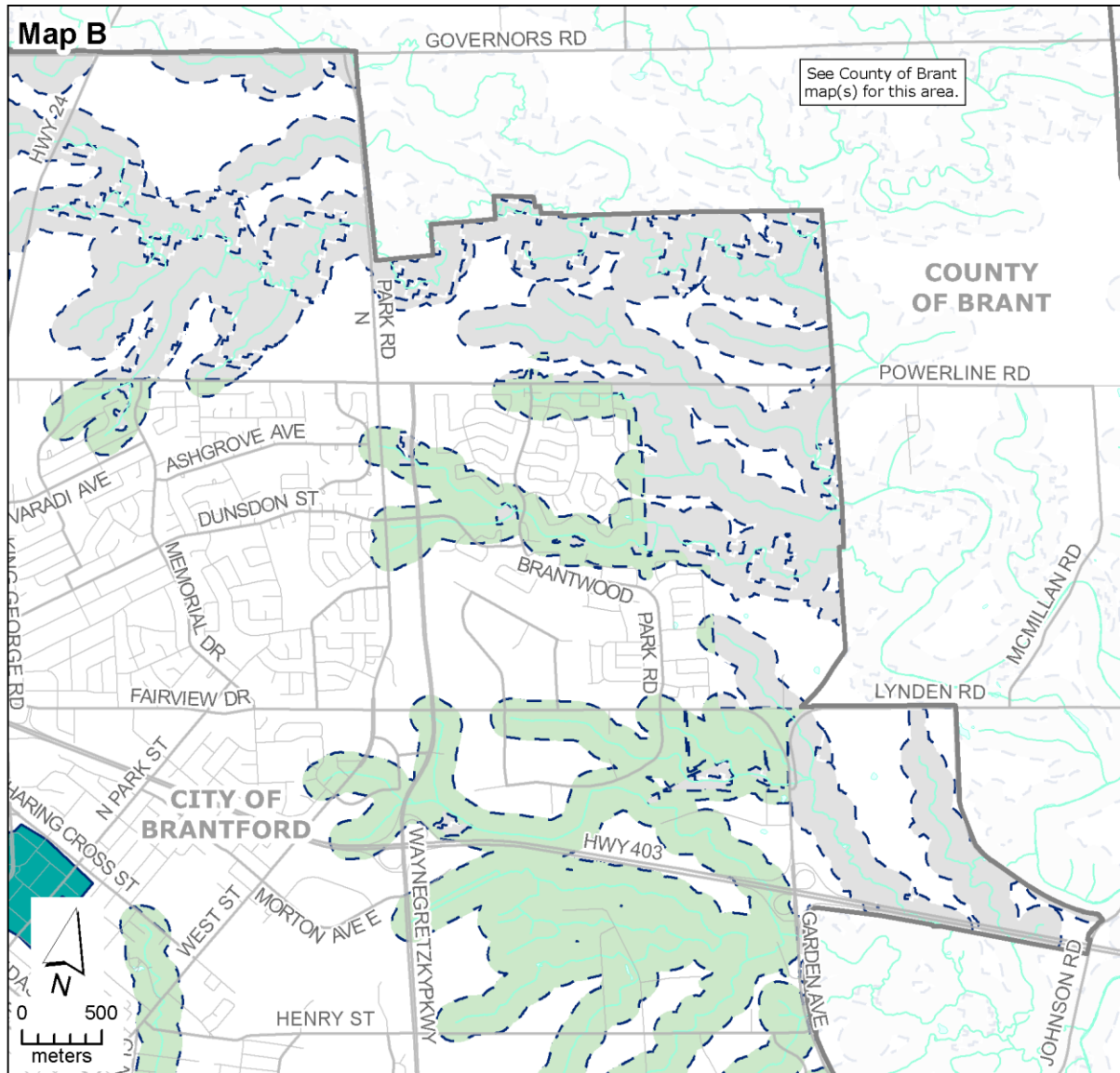
● Intake
— Roads
~ Minor Rivers
— Lakes / Main Rivers
 City of Brantford Boundary

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



- Updated January 30, 2019
- Larger scale mapping of some map layers, including roads and vulnerability scores, is available at www.sourcewater.ca.
- This map is for illustrative purposes only. Information contained 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.

15.8 Schedule C: City of Brantford: 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	Red	Green	Green
2. Sewage Systems	Red	Green	Green
3, 4. Agricultural Source Material	Green	Green	Green
6, 7. Non-Agricultural Source Material*	Green	Green	Green
8, 9. Commercial Fertilizer*	Green	Green	Green
10, 11. Pesticide	Green	Green	Green
12, 13. Road Salt*	Red	Green	Green
14. Storage of Snow	Green	Green	Green
15. Fuel	Green	Green	Green
16. DNAPLs	Red	Green	Green
17. Organic Solvents	Red	Green	Green
18. Aircraft De-icing	Green	Green	Green
21. Livestock Area	Green	Green	Green
22. Oil Pipelines	Red	Green	Green

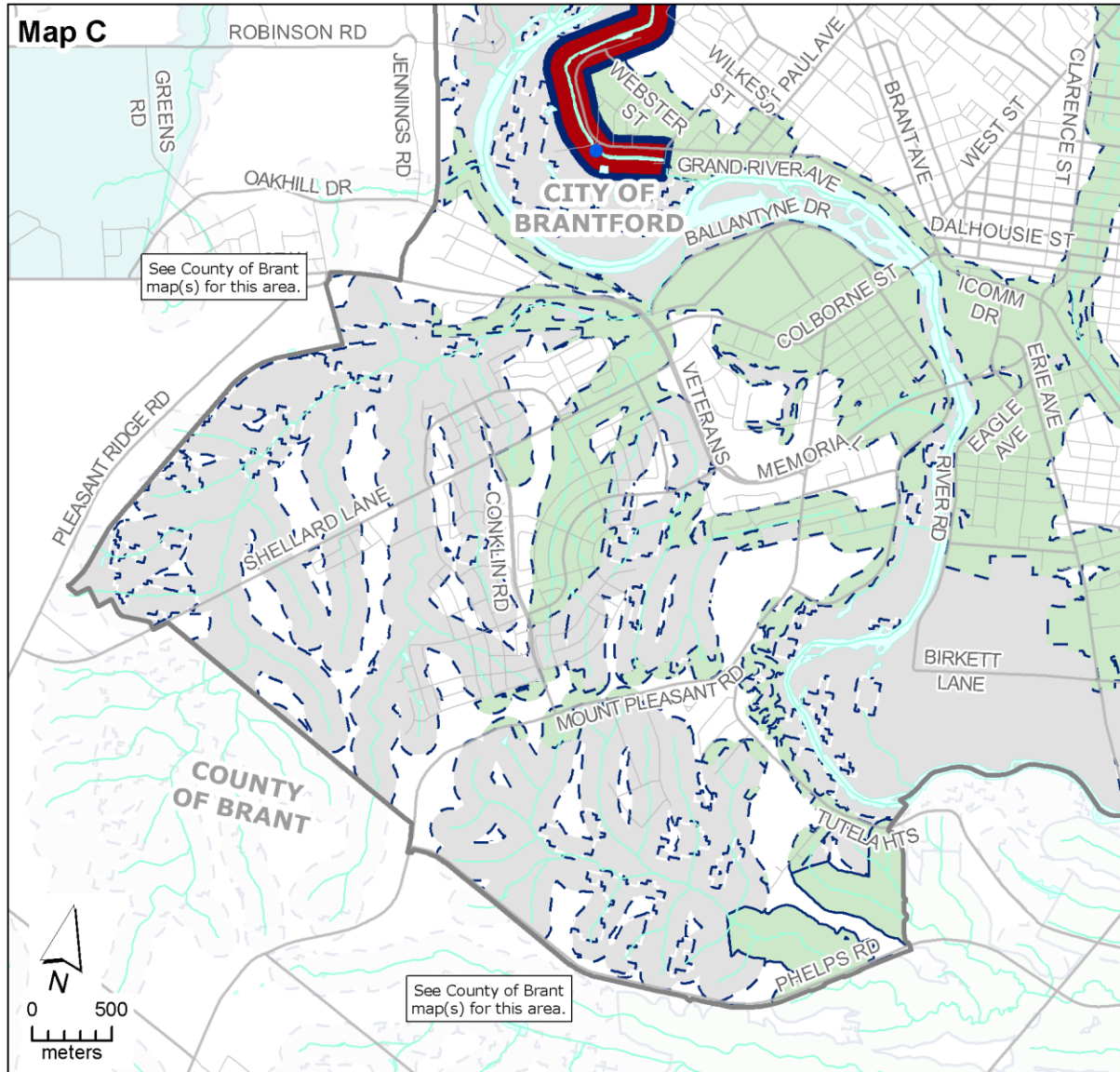
Note: This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) within the Intake Protection Zones shown on this map. For details refer to the text of the Source Protection Plan and the Ministry of the Environment Drinking 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
 Minor Rivers
 Lakes / Main Rivers
 City of Brantford Boundary
Intake Protection Zones:
 IPZ-1
 IPZ-2
 IPZ-3



1. Updated January 30, 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.

15.9 Schedule D: City of Brantford: Intake Protection Zones, Map C



Significant Drinking Water Threat Policy Applicability

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

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

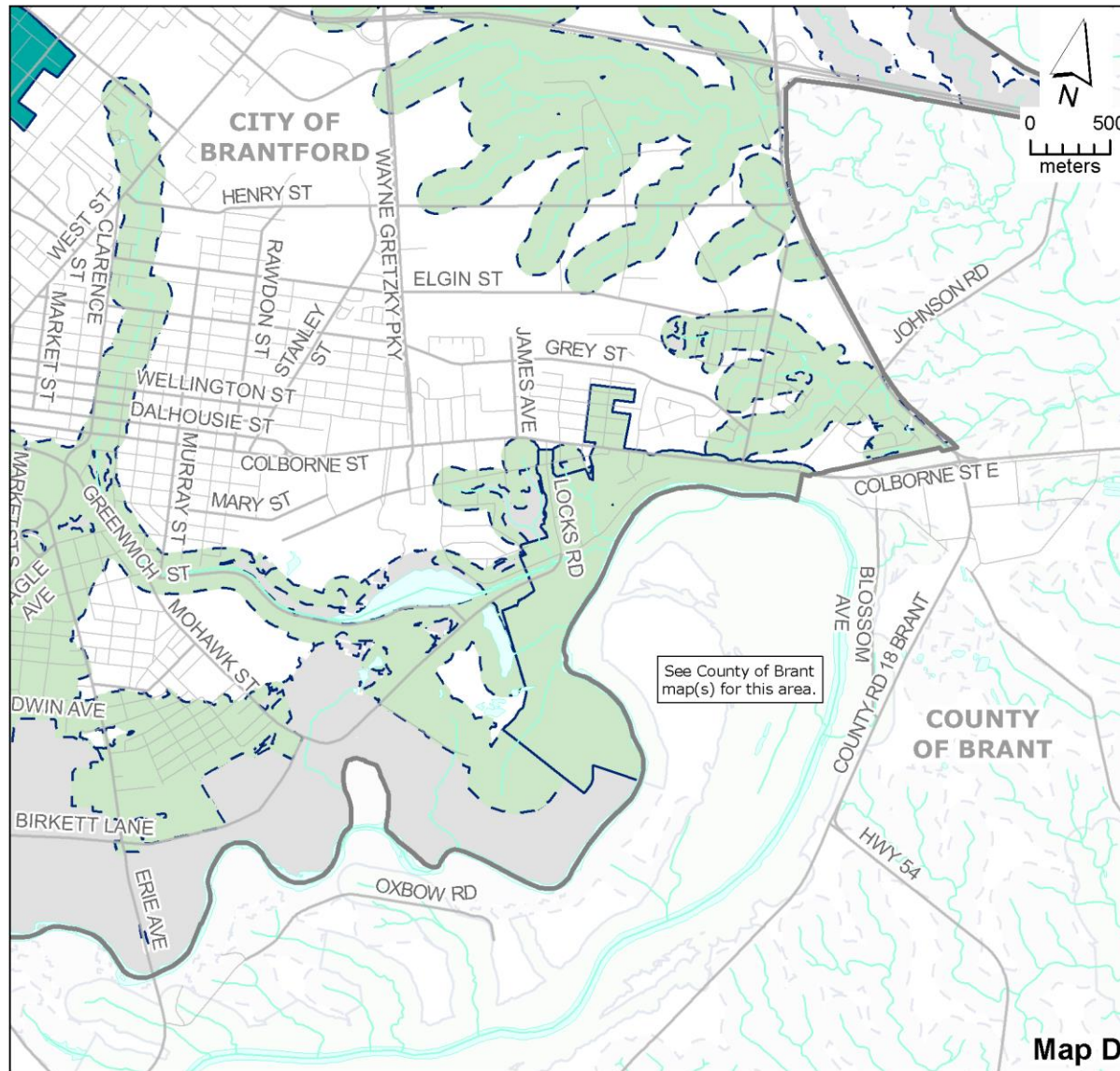
Intake Protection Zones:
 IPZ-1
 IPZ-2
 IPZ-3



Grand River Conservation Authority

1. Updated January 30, 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.

15.10 Schedule E: City of Brantford: 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	Red	Green	Green
2. Sewage Systems	Red	Green	Green
3, 4. Agricultural Source Material	Red	Green	Green
6, 7. Non-Agricultural Source Material*	Red	Green	Green
8, 9. Commercial Fertilizer*	Red	Green	Green
10, 11. Pesticide	Red	Green	Green
12, 13. Road Salt*	Red	Green	Green
14. Storage of Snow	Red	Green	Green
15. Fuel	Red	Green	Green
16. DNAPLs	Red	Green	Green
17. Organic Solvents	Red	Green	Green
18. Aircraft De-icing	Red	Green	Green
21. Livestock Area	Red	Green	Green
22. Oil Pipelines	Red	Green	Green

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.

Legend for Map D:

- Roads (solid line)
- Minor Rivers (dashed line)
- Lakes / Main Rivers (light blue area)
- City of Brantford Boundary (thick grey line)
- Intake Protection Zones:
 - IPZ-1 (thick blue dashed line)
 - IPZ-2 (medium blue dashed line)
 - IPZ-3 (thin blue dashed line)



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