Grand River Source Protection Area

SOURCE PROTECTION PLAN VOLUME II

Chapter 15: City of Brantford

Version 10.1

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15.0 CITY OF BRANTFORD SOURCE PROTECTION PLAN POLICIES

The following Source Protection Plan policies apply to the vulnerable areas within the City of Brantford, including those originating from other jurisdictions. Reference should be made to the County of Brant and Region of Waterloo, Dufferin County, Grey County, City of Guelph, Halton Region, Oxford County, Perth County and Wellington County Source Protection Plan policies for the portions of the City of Brantford water supply system and vulnerable areas located within those jurisdictions.

When interpreting policies in this chapter, circumstances under the 2021 Technical Rules should be used for the City of Brantford's IPZ and circumstances under the 2017 Technical Rules shall apply to the Ohsweken IPZ, where it extends into the City of Brantford.

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 apply specifically to the City of Brantford Source Protection Policies and are capitalized in the policy text.

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 General Policies

Policy Number	Implementation and Timing Policies
CB-CW-1.1.1 Implementation & Timing	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 *Clean Water Act, 2006,* 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 Implementation & Timing	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. a. For Section 57 of the *Clean Water Act*, 2006 if an activity was engaged in at a particular location before the relevant

Policy Number	Implementation and Timing Policies
	policies within this Source Protection Plan took effect, policies regarding prohibited activities do not apply to a person who engages in the activity at that location until 180 days from the date the Source Protection Plan takes effect; b. For Section 58 of the *Clean Water Act*, *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 *Clean Water Act*, *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 *Clean Water Act, 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; For Section 40 and 42 of the *Clean Water Act*, *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 *Planning Act, 1990* and the Zoning By-law within two (2) years from the adoption of the Official Plan.

Policy Number	Uses and Areas Designated as Restricted Land Uses Policies
CB-CW-1.2 Part IV-RLU	In accordance with Section 59 of the *Clean Water Act*, *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 *Clean Water Act, 2006*, are hereby designated as Restricted Land Uses and a written notice from the Risk Management

Policy Number	Uses and Areas Designated as Restricted Land Uses Policies
	Official shall be required prior to approval of any Building Permit, *Planning Act, 1990 or Condominium Act, 1998* application. Despite the above policy, a site specific proposed land use that is the subject of an application for an approval under the *Planning Act, 1990* (as prescribed in O. Reg. 287/07 Section 62), or for a permit under the *Building Code Act*, *1992*, 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.

Policy Number	Official Plan and Zoning By Law Amendment(s) Policies
CB-MC-1.3 Future Land Use Planning	The City shall amend its Official Plan and respective Zoning By-Laws to: a. Identify the vulnerable areas in which drinking water threats prescribed under the Clean Water Act, 2006 would be significant; b. Indicate that within the areas identified, any 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 c. Incorporate any other amendments required to conform with the threat specific land use policies identified in this Source Protection Plan.

Policy Number	Stewardship Program Policies
CB-CW-1.4 Existing/Future Stewardship Programs	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.

Policy Number	Education and Outreach Program Policies
CB-CW-1.5 Existing/Future Education & Outreach	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,

Policy Number	Education and Outreach Program Policies
	increasing awareness and understanding of significant drinking water threats and promotion of best management practices. 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.

Policy Number	Annual Reporting Policies
CB-CW-1.6 Monitoring	The City shall provide a report to the Source Protection Authority, by February 1st 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 Monitoring	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 Monitoring	The Risk Management Official shall provide a report to the Source Protection Authority, by February 1st of each year, summarizing the actions taken by the Risk Management Official to implement the Source Protection Plan policies, in accordance with the *Clean Water Act, 2006* and associated regulations.
CB-CW-1.9 Monitoring	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 1st of each year.
CB-CW-1.10 Monitoring	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 1st of each year.

Policy Number	Strategic Action Policies: Spill Prevention, Spill Contingency or Emergency Response Plans
CB-NB-1.11 Existing/Future Specify Action	To reduce the risks to drinking water from spills that occur within the Intake Protection Zone (IPZ) along highways, railway lines, or shipping lanes, 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.

Policy Number	Interpretation Policies
CB-CW-1.12 Interpretation of Source Protection Plan	The Source Protection Plan provides policies to meet the objectives of the *Clean Water Act, 2006*. The Source Protection Plan consists of the written policy text and Schedules. 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, *Clean Water Act, 2006*. 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.

Policy Number	Transition Policies
CB-CW-1.13 Transition	Despite the definition of existing, for the purposes of this Plan, where one or more of the following: a. A complete application for development under the *Planning Act, 1990 or Condominium Act, 1998*; b. An application for Environmental Compliance Approval; or c. An application for a Building Permit. 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

Policy Number	Transition Policies
	above noted applications have lapsed or been withdrawn, the above noted transition policies shall no longer apply.

15.3 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 Identifier	**1.1 – Disposal of hauled sewage to land** **1.2 – Application of processed organic waste to land** **1.3 – Landfarming of petroleum refining waste** **1.4 – Landfilling (hazardous waste or liquid industrial waste)** **1.5 – Landfilling (municipal waste)** **1.7 – PCB waste storage** **1.8 – Storage of hauled sewage** **1.9 – Storage of processed organic waste or waste biomass** **1.10 – Transfer/processing sites approved to receive hazardous waste or liquid industrial waste** **1.11 – Transfer/processing sites approve to receive only municipal waste under Part V of the Environmental Protection Act** **1.14 – Storage, treatment and discharge of tailings from mines**
CB-MC-2.1 Future Prescribed Instr. IPZ-1-v.10; IPZ-2-v.9; IPZ-2-v.8; IPZ-3-v.8	To ensure that any New waste disposal sites within the meaning of Part V of the *Environmental Protection Act, 1990* subject to an Environmental Compliance Approval never become significant drinking water threats, where these activities would be significant drinking water threats, the Ministry of the Environment, Conservation and Parks shall prohibit these activities within the Environmental Compliance Approvals process.
CB-MC-2.2 Existing Prescribed Instr. IPZ-1-v.10; IPZ-2-v.9; IPZ-2-v.8; IPZ-3-v.8	To ensure that any Existing waste disposal sites within the meaning of Part V of the *Environmental Protection Act, 1990* subject to an Environmental Compliance Approval cease to be significant drinking water threats, where these activities are significant drinking water threats, the Ministry of the Environment, Conservation and Parks shall review and, where necessary, amend Environmental Compliance Approvals to incorporate appropriate terms and conditions. Such terms and conditions should ensure the proponent maintains records on site and/or makes them available upon request.

Policy Identifier	1.7 – PCB waste storage 1.12 – Storage of subject waste at a waste generation facility: site that requires generator registration under Section 3 of O.Reg. 347
CB-CW-2.3 Future Part IV-Prohibit IPZ-1-v.10	To ensure that any New waste disposal sites within the meaning of Part V of the *Environmental Protection Act, 1990* not subject to an Environmental Compliance Approval never become significant drinking water threats, where these activities would be significant drinking water threats, these activities shall be designated for the purpose of Section 57 of the *Clean Water Act, 2006* and shall be prohibited.
CB-CW-2.4 REMOVED	Intentionally deleted to preserve numbering.
CB-CW-2.5 Existing Part IV - RMP IPZ-1-v.10	To ensure that any Existing waste disposal sites within the meaning of Part V of the *Environmental Protection Act, 1990* not subject to an Environmental Compliance Approval cease to be significant drinking water threats, where these activities are significant drinking water threats, 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. The requirements of the Risk Management Plan may be based on the Ministry of the Environment, Conservation and Parks tools and requirements for such activities, as set out in the *Environmental Protection Act, 1990*, but may also include any modifications or additional requirements that are deemed necessary or appropriate by the Risk Management Official.
CB-CW-2.6 Existing/Future Education & Outreach IPZ-1-v.10	To ensure that any Existing or New waste disposal sites within the meaning of Part V of the *Environmental Protection Act, 1990* not subject to an Environmental Compliance Approval cease to be, or never become, significant drinking water threats, where these activities are, or would be, significant drinking water threats, the City of Brantford, in collaboration with Conservation Authorities and other bodies wherever possible, shall develop and implement education and outreach programs to focus on the proper handling, storage and disposal of wastes.

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

Policy Identifier	2.2 – Onsite sewage works
CB-CW-3.1 Existing/Future Education & Outreach IPZ-1-v.10	To ensure that any Existing or New onsite sewage works cease to be, or never become, significant drinking water threats, where these activities are, or would be, significant drinking water threats, the City shall develop an education and outreach program to encourage landowners to connect to a municipal sewage system where municipal services are provided.

Policy Identifier	2.2 – Onsite sewage works
CB-MC-3.2 Existing/Future Prescribed Instr. IPZ-1-v.10	To ensure that any Existing or New onsite sewage works regulated under Section 53 of the *Ontario Water Resources Act, 1990* 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 prepare or review and, where necessary, amend Environmental Compliance Approvals to incorporate appropriate terms and conditions.

Policy Identifier	2.1 – Industrial effluent discharges 2.5 – Wastewater collection facilities and associated parts: sanitary sewers 2.7 – Wastewater collection facilities and associated parts: sewage pumping station or lift station wet well, a holding tank or a tunnel 2.8 – Wastewater treatment facilities and associated parts
CB-MC-3.3 Existing/Future Prescribed Instr. IPZ-1-v.10; IPZ-2-v.9; IPZ-2-v.8; IPZ-3-v.8	To ensure that any Existing or New: i. sewage treatment plant tanks; ii. sanitary sewers; iii. sewage pumping station or lift station wet well, a holding tank or a tunnel; or iv. industrial effluent discharges cease to be, or never become, significant drinking water threats, where such activities are, or would be, significant drinking water threats, the Ministry of the Environment, Conservation and Parks shall prepare or review and, where necessary, amend Environmental Compliance Approvals to incorporate appropriate terms and conditions.
CB-MC-3.8 Existing Prescribed Instr. IPZ-1-v.10; IPZ-2-v.9; IPZ-2-v.8; IPZ-3-v.8	To ensure that any Existing wastewater treatment facilities and associated parts cease to be significant drinking water threats, where such activities are significant drinking water threats, the Ministry of the Environment, Conservation and Parks shall review and, where necessary, amend Environmental Compliance Approvals to incorporate appropriate terms and conditions.
CB-MC-3.9 Future Prescribed Instr.	To ensure that any Future wastewater treatment facilities and associated parts, except for sewage treatment tanks, never become significant drinking water threats, where these activities would be significant drinking water threats, the Ministry of the Environment,

Policy Identifier	2.1 – Industrial effluent discharges 2.5 – Wastewater collection facilities and associated parts: sanitary sewers 2.7 – Wastewater collection facilities and associated parts: sewage pumping station or lift station wet well, a holding tank or a tunnel 2.8 – Wastewater treatment facilities and associated parts
IPZ-1-v.10; IPZ-2-v.9; IPZ-2-v.8; IPZ-3-v.8	Conservation and Parks shall prohibit these activities within the Environmental Compliance Approvals process.

Policy Identifier	2.3 – Storm water management facilities and drainage systems: outfall from a storm water management facility or storm water drainage system 2.4 – Storm water management facilities and drainage systems: storm water infiltration facility
CB-MC-3.4 Existing/Future Prescribed Instr. IPZ-1-v.10; IPZ-2-v.9; IPZ-2-v8; IPZ-3-v.8	To ensure that any Existing or New: i) outfall from a storm water management facility or storm water drainage system; or ii) storm water infiltration facility 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 prepare or review and, where necessary, amend Environmental Compliance Approvals to incorporate appropriate terms and conditions.
CB-MC-3.5 Future Land Use Planning IPZ-1-v.10; IPZ-2-v.9; IPZ-2-v.8; IPZ-3-v.8	To ensure that any Future: i) outfall from a storm water management facility or storm water drainage system; or ii) storm water infiltration facility never become significant drinking water threats, where these activities would be significant drinking water threats, the City of Brantford shall require future stormwater management facilities to be located outside of the Intake Protection Zone, wherever possible, during consideration of applications received under the *Planning Act, 1990* or *Condominium Act, 1998*.
CB-CW-3.5.1 Future Part IV-RMP	To ensure that any New: i) outfall from a stormwater management facility or storm water drainage system; or

Policy Identifier	2.3 – Storm water management facilities and drainage systems: outfall from a storm water management facility or storm water drainage system 2.4 – Storm water management facilities and drainage systems: storm water infiltration facility
IPZ-1-v.10; IPZ-2-v.9; IPZ-2-v.8; IPZ-3-v.8	ii) storm water infiltration facility not subject to an Environmental Compliance Approval never become significant drinking water threats, where these activities would be significant drinking water threats, these activities are designated for the purpose of Section 58, of the *Clean Water Act, 2006* and a Risk Management Plan shall be required.

Policy Identifier	2.6 – Wastewater collection facilities and associated parts: outfall of a combined sewer outflow (CSO), or a sanitary sewer overflow (SSO) from a manhole or wet well
CB-MC-3.6 Existing Prescribed Instr. IPZ-1-v.10; IPZ-2-v.9; IPZ-2-v.8; IPZ-3-v.8	To ensure any Existing outfall of a combined sewer (CSO) or sanitary sewer overflow (SSO) from a manhole or wet well cease to be significant drinking water threats, where these activities are significant drinking water threats, the Ministry of the Environment, Conservation and Parks shall review, and where necessary amend, Environmental Compliance Approvals to incorporate appropriate terms and conditions.
CB-MC-3.7 Future Prescribed Instr. IPZ-1-v.10; IPZ-2-v.8; IPZ-2-v.9; IPZ-3-v.8	To ensure any Future outfall of a combined sewer (CSO) or sanitary sewer overflow (SSO) from a manhole or wet well never become significant drinking water threats, where these activities would be significant drinking water threats, the Ministry of the Environment, Conservation and Parks shall prohibit these activities through the Environmental Compliance Approvals process.

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

Policy Identifier	3.1 – Application of agricultural source material (ASM) to land
CB-CW-4.1 Existing/Future Part IV-RMP IPZ-1-v.10; IPZ-2-v.9;	To ensure that any Existing or Future application of agricultural source material (ASM) to land on farms not phased-in under the *Nutrient Management Act, 2002* ceases to be, or never becomes, a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, this activity is designated for the purpose of Section 58, of the *Clean Water Act, 2006* and a Risk Management Plan shall be required.

Policy Identifier	3.1 – Application of agricultural source material (ASM) to land
IPZ-2-v-8; IPZ-3-v.8	As a minimum, this Risk Management Plan shall be based upon the regulatory requirements of a Nutrient Management Plan and/or Strategy under the *Nutrient Management Act, 2002* and scoped to address these specific threats.
CB-MC-4.2 Existing/Future Prescribed Instr. IPZ-1-v.10; IPZ-2-v.9; IPZ-2-v.8; IPZ-3-v.8	To ensure that any Existing and Future application of agricultural source material (ASM) to land on farms phased-in under the *Nutrient Management Act, 2002* ceases to be, or never becomes, a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the Ontario Ministry of Agriculture, Food and Agribusiness shall review or prepare Nutrient Management Plans and/or Strategies to incorporate appropriate terms and conditions.

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

Policy Identifier	4.1 – Storage of agricultural source material (ASM)
CB-CW-5.1 Existing Part IV-RMP IPZ-1-v.10; IPZ-2-v.9; IPZ-2-v.8; IPZ-3-v.8	To ensure that any Existing storage of agricultural source material (ASM) on farms not phased-in under the *Nutrient Management Act, 2002* ceases to be a significant drinking water threat, where such an activity is 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. As a minimum, this Risk Management Plan shall be based upon the regulatory requirements of a Nutrient Management Plan and/or Strategy under the *Nutrient Management Act, 2002* and scoped to address these specific threats.
CB-MC-5.2 Existing Prescribed Instr. IPZ-1-v.10; IPZ-2-v.9; IPZ-2-v.8; IPZ-3-v.8	To ensure that any Existing storage of agricultural source material (ASM) on farms phased-in under the *Nutrient Management Act, 2002* ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, the Ontario Ministry of Agriculture, Food and Agribusiness shall review Nutrient Management Plans and/or Strategies to incorporate appropriate terms and conditions.
CB-CW-5.3 Future Part IV-Prohibit IPZ-1-v.10; IPZ-2-v.9; IPZ-2-v.8; IPZ-3-v.8	To ensure that any Future storage of agricultural source material (ASM) 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.

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

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

Policy Identifier	6.1 – Application of non-agricultural source material (NASM) to land 7.1 – The handling and storage of non-agricultural source material (NASM)
CB-MC-6.1 Existing/Future Prescribed Instr. IPZ-2-v.9; IPZ-2-v.8; IPZ-3-v.8 Policy only applies to the application of NASM containing material from sewage works or meat plant	To ensure that any Existing or Future application or handling and storage of non-agricultural source material (NASM) in the following areas: i. Intake Protection Zone 2 with a vulnerability score equal to nine (9) ii. Intake Protection Zone 2 with a vulnerability score equal to eight (8); or iii. Intake Protection Zone 3 with a vulnerability score equal to eight (8) cease to be, or never become, significant drinking water threats, where these activities are, or would be, significant drinking water threats, the Ontario Ministry of Agriculture, Food and Agribusiness shall prepare or review and, where necessary, amend NASM Plans under the *Nutrient Management Act, 2002* to incorporate appropriate terms and conditions.
CB-MC-6.2 Existing/Future Prescribed Instr. IPZ-1-v.10 Policy only applies to the application of NASM containing material from sewage works or meat plant	To ensure that any Existing or Future application or handling and storage of non-agricultural source material (NASM) in an Intake Protection Zone 1 cease to be, or never become, significant drinking water threats, where these activities are, or would be, significant drinking water threats, the Ontario Ministry of Agriculture, Food and Agribusiness shall prohibit these activities through the NASM Plan process.

Threat 9.0 – The Handling and Storage of Commercial Fertilizer

Policy Identifier	9.1 – Handling and storage of commercial fertilizer
CB-CW-7.1 REMOVED	Intentionally shown as deleted to preserve numbering
CB-MC-7.2 Future Part IV-Prohibit	To ensure that any Future handling and storage of commercial fertilizer in Intake Protection Zone 1 never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, this activity shall be designated for the

Policy Identifier	9.1 – Handling and storage of commercial fertilizer
IPZ-1-v.10	purpose of Section 57 of the *Clean Water Act, 2006* and shall be prohibited.
CB-CW-7.3 Existing Part IV-RMP IPZ-1-v.10	To ensure that any Existing handling and storage of commercial fertilizer in Intake Protection Zone 1 ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, this activity is designated for the purposes of Section 58 of the *Clean Water Act, 2006* and a Risk Management Plan shall be required.

Threat 10.0 – The Application of Pesticide to Land

Policy Identifier	10.1 – Application of pesticide to land
CB-CW-8.1 Existing/Future Part IV-RMP IPZ-1.v.10; IPZ-2-v.9	To ensure that any Existing or Future application of pesticide on non-residential properties ceases to be, or never becomes, a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, this activity is designated for the purposes of Section 58 of the *Clean Water Act*, *2006* and a Risk Management Plan shall be required.
CB-CW-8.2 Existing/Future Education & Outreach IPZ-1-v.10; IPZ-2-v.9	To ensure that any Existing or Future application of pesticide on residential properties ceases to be, or never becomes, a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the City shall develop and implement education and outreach programs on the use of best management practices.

Threat 11.0 – Handling and Storage of Pesticide

Policy Identifier	11.1 – Handling and storage of a pesticide
CB-CW-9.1 Existing/Future Part IV-RMP IPZ-2-v.9	To ensure that any Existing or Future handling and storage of pesticide on non-residential properties in Intake Protection Zone 2 ceases to be, or never becomes, a significant drinking water threat, where this activity is a significant drinking water threat, this activity is designated for the purposes of Section 58 of the *Clean Water Act*, *2006* and a Risk Management Plan shall be required.
CB-CW-9.2 Future Part IV-Prohibit IPZ-1-v.10	To ensure that any Future handling and storage of pesticide 2,500 kg or greater in Intake Protection Zone 1 never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, this activity is designated for the purposes of Section 57 of the *Clean Water Act*, *2006* and shall be prohibited.
CB-CW-9.2.1 Future	To ensure that any Future handling and storage of pesticide greater than 250 kg but less than 2,500 kg in Intake Protection Zone 1 ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, this activity is designated for the

Policy Identifier	11.1 – Handling and storage of a pesticide
Part IV-RMP IPZ-1-v.10	purposes of Section 58 of the *Clean Water Act, 2006* and a Risk Management Plan shall be required.
CB-CW-9.3 Existing Part IV-RMP IPZ-1-v.10	To ensure that any Existing handling and storage of pesticide in Intake Protection Zone 1 ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, this activity is designated for the purposes of Section 58 of the *Clean Water Act, 2006* and a Risk Management Plan shall be required.

Threat 12.0 – The Application of Road Salt

Threat 13.0 – The Handling and Storage of Road Salt

Policy Identifier	The following policies are in addition to those in the tables below **12.1 – Application of road salt** **13.1 – Handling and storage of road salt – exposed to precipitation or runoff** **13.2 – Handling and storage of road salt – potentially exposed to precipitation or runoff**
CB-CW-10.1 Existing/Future Education & Outreach IPZ-1-v.10; IPZ-2-v.9	To ensure that any Existing or Future application or handling and storage of road salt cease to be, or never become, significant drinking water threats, where these 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 and to educate that storage of salt exposed to precipitation or runoff is prohibited.
CB-CW-10.2 Existing/Future Specify Action IPZ-1-v.10; IPZ-2-v.9	To ensure that any Existing or Future application or handling and storage of road salt cease to be, or never become, significant drinking water threats, where these 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.

Policy Identifier	12.1 – Application of road salt
CB-CW-10.2.1 Existing/Future Part IV-RMP IPZ-1-v.10; IPZ-2-v.9	To ensure that any Existing or Future application of road salt ceases to be, or never becomes, a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, this activity is designated for the purposes of Section 58 of the *Clean Water Act, 2006* and a Risk Management Plan shall be required.
CB-CW-10.5 REMOVED	Intentionally deleted to preserve numbering

Policy Identifier	13.1 Handling and storage of road salt – exposed to precipitation or runoff
CB-CW-10.3 Future Land Use Planning IPZ-1-v.10; IPZ-2-v.9	To ensure that any Future handling and storage of road salt exposed to precipitation or runoff never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, related land uses shall be prohibited.
CB-CW-10.3.1 Existing/Future Part IV-Prohibition IPZ-1-v.10; IPZ-2-v.9	To ensure that any Existing or Future handling and storage of road salt exposed to precipitation or runoff ceases to be, or never becomes, a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, this activity shall be designated for the purposes of Section 57 of the *Clean Water Act, 2006* and shall be prohibited.

Policy Identifier	13.2 - Handling and storage of road salt – potentially exposed to precipitation or runoff
CB-CW-10.4 Existing/Future Part IV-RMP IPZ-1-v.10	To ensure that any Existing or Future handling and storage of road salt potentially exposed to precipitation or runoff ceases to be, or never becomes, a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, this activity is designated for the purposes of Section 58 of the *Clean Water Act, 2006* and a Risk Management Plan shall be required.

Threat 14.0 – The Storage of Snow

Policy Identifier	14.1 – Storage of snow on a site
CB-MC-11.1 REMOVED	Intentionally shown as deleted to preserve numbering.
CB-CW-11.2	To ensure that any Existing or Future storage of snow ceases to be, or never becomes, a significant drinking water threat, where this

Policy Identifier	14.1 – Storage of snow on a site
Existing/Future Part IV-RMP IPZ- 1-v.10; IPZ-2-v.9; IPZ-2-v.8; IPZ-3-v.8	activity is, or would be, 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.
CB-CW-11.3 Existing/Future Education & Outreach IPZ-1-v.10; IPZ-2-v.9; IPZ-2-v.8; IPZ-3-v.8	To ensure that any Existing or Future storage of snow ceases to be, or never becomes, a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the City shall develop and implement education and outreach programs for the private sector about the impacts of snow storage management on drinking water sources and the use of best management practices.

Threat 15.0 – The Handling and Storage of Fuel

Policy Identifier	15.1 – Handling and storage of fuel
CB-CW-12.1 Existing/Future Part IV-RMP IPZ-1-v.10; IPZ-2 v.9	To ensure that any Existing or Future handling and storage of fuel ceases to be, or never becomes, a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, this activity is designated for the purposes of Section 58 of the *Clean Water Act*, *2006* and a Risk Management Plan shall be required. The Risk Management Plan shall include the requirements for all storage tanks to comply with the requirements of the *Technical Standards and Safety Act, 2000* 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 REMOVED	Intentionally deleted to preserve numbering.
CB-MC-12.2 Future Land Use Planning IPZ-1-v.10	To ensure that any Future handling and storage of fuel more than 2,500 Litres in an Intake Protection Zone 1 with a vulnerability score of ten (10) never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, related land uses shall be prohibited.

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

Policy Identifier	16.1 – Handling and storage of a dense non-aqueous phase liquid (DNAPL) 17.1 – Handling and storage of an organic solvent
CB-CW-13.1 Existing Part IV-RMP IPZ-1-v.10; IPZ-2-v.9	To ensure that any Existing handling and storage of dense non-aqueous phase liquids (DNAPLs) equal to or greater than 25 Litres per individual container on non-residential properties ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, this activity is designated for the purpose of Section 58 of the *Clean Water Act, 2006* and a Risk Management Plan shall be required.
CB-CW-13.2 Future Part IV-Prohibit IPZ-1-v.10	To ensure that any Future handling and storage of dense non-aqueous phase liquids (DNAPLs) equal to or greater than 25 Litres per individual container on non-residential properties in Intake Protection Zone 1 never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, this activity is designated for the purpose of Section 57 of the *Clean Water Act, 2006* and shall be prohibited.
CB-CW-13.2.1 Future Part IV-RMP IPZ-2-v.9	To ensure that any Future handling and storage of dense non-aqueous phase liquids (DNAPLs) equal to or greater than 25 Litres per individual container on non-residential properties in Intake Protection Zone 2 never become a significant drinking water threat, where this activity would be 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.
CB-CW-13.3 Existing/Future Education & Outreach IPZ-1-v.10; IPZ-2-v.9	To ensure that any Existing or Future handling and storage of dense non-aqueous phase liquids (DNAPLs) on residential properties ceases to be, or never becomes, a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, 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.

Threat 17.0 – The Handling and Storage of an Organic Solvent

Policy Identifier	16.1 – Handling and storage of a dense non-aqueous phase liquid (DNAPL) 17.1 – Handling and storage of an organic solvent
CB-CW-13.4 Future Part IV-Prohibit IPZ-1-v.10	To ensure that any Future handling and storage of organic solvents more than 2,500 Litres per individual container on non-residential properties never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, this activity

Policy Identifier	16.1 – Handling and storage of a dense non-aqueous phase liquid (DNAPL) 17.1 – Handling and storage of an organic solvent
	is designated for the purpose of Section 57 of the *Clean Water Act, 2006* and shall be prohibited.
CB-CW-13.5 Future Part IV-RMP IPZ-1-v.10	To ensure that any Future handling and storage of organic solvents more than 250 Litres but not more than 2,500 Litres per individual container on non-residential properties never becomes a significant drinking water threat, where this activity would be 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.
CB-CW-13.6 Existing Part IV-RMP IPZ-1-v.10	To ensure that any Existing handling and storage of an organic solvent on non-residential properties ceases to be a significant drinking water threat, where this activity would be 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.
CB-CW-13.7 Existing/Future Education & Outreach IPZ-1-v.10	To ensure that any Existing or Future handling and storage of organic solvents on residential properties ceases to be, or never becomes, a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, 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.

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

Policy Identifier	18.1 – The management of runoff that contains chemicals used in the 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.

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

Policy Identifier	21.1 – Agricultural source material (ASM) generation – livestock grazing or pasturing 21.2 – Agricultural source material (ASM) generation – outdoor confinement area (OCA) or farm animal yard
CB-CW-15.1 Existing/Future Part IV-RMP IPZ-1-v.10; IPZ-2-v.9; IPZ-2-v.8; IPZ-3-v.8	To ensure that any Existing or Future use of land for livestock grazing or pasturing land ceases to be, or never becomes, a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, this activity is designated for the purposes of Section 58 of the *Clean Water Act, 2006* and a Risk Management Plan shall be required.
CB-MC-15.2 Existing/Future Prescribed Instr. IPZ-1-v.10; IPZ-2-v.9; IPZ-2-v.8; IPZ-3-v.8	To ensure that any Existing or Future use of land as outdoor confinement areas of farm-animal yards, for farms phased in under the *Nutrient Management Act, 2002,* ceases to be, or never becomes, a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the Ontario Ministry of Agriculture, Food and Agribusiness shall prepare or review and, where necessary, amend Nutrient Management Plans and/or Strategies to incorporate appropriate terms and conditions.
CB-CW-15.3 Existing/Future Part IV-RMP IPZ-1-v.10; IPZ-2-v.9; IPZ-2-v.8; IPZ-3-v.8	To ensure that any Existing or Future use of land for outdoor confinement areas or farm-animal yards, for farms not phased in under the *Nutrient Management Act, 2002* ceases to be, or never becomes, a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, this activity is designated for the purposes of Section 58 of the *Clean Water Act*, *2006* and a Risk Management Plan shall be required.

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

Policy Identifier	22.1 – Conveyance of a liquid hydrocarbon by a pipeline
CB-NB-16.1 Future Specify Action Significant: IPZ-1-v.10; IPZ-2-v.9	To ensure that the establishment and operation of a liquid hydrocarbon pipeline within the meaning of O. Reg. 210/01 under the *Technical Safety and Standards Act*, *2000* or that is subject to the *Canadian Energy Regulator Act, 2019* never becomes a significant, moderate or low drinking water threat, where the activity would be a significant, moderate or low drinking water threat, the Canada Energy Regulator or the Ontario Energy Board should ensure that the Source Protection Authority and the City are provided the location of any new proposed pipeline.

Policy Identifier	22.1 – Conveyance of a liquid hydrocarbon by a pipeline
Moderate/Low: IPZ-2-v.8; IPZ-3-v.5, 6 & 8	
CB-NB-16.2 Future Specify Action Significant: IPZ-1-v. 10; IPZ-2-v. 9 Moderate/Low: IPZ-2-v.8; IPZ-3-v.5, 6 & 8	To ensure that the establishment and operation of a liquid hydrocarbon pipeline within the meaning of O.Reg 210/01 under the *Technical Safety and Standards Act*, *2000* or that is subject to the *Canadian Energy Regulator Act, 2019* never becomes a significant, moderate or low drinking water threat, where this activity would be a significant, moderate or low drinking water threat, the Canada Energy Regulator, Ontario Energy Board, Technical Standards and Safety Authority (TSSA), and Impact Assessment Agency should ensure that drinking water source protection is considered as a risk factor in their decision making framework.
CB-NB-16.3 Future Specify Action Significant: IPZ-1-v. 10; IPZ-2-v. 9 Moderate/Low: IPZ-2-v.8; IPZ-3-v.5, 6 & 8	To ensure that the establishment and operation of a liquid hydrocarbon pipeline within the meaning of O. Reg. 210/01 under the *Technical Safety and Standards Act, 2000* or that is subject to the *Canadian Energy Regulator Act*, *2019* never becomes a significant, moderate or low drinking water threat, where the activity would be a significant, moderate or low drinking water threat, pipeline owners should ensure that best available source protection information is used such as up to date vulnerable areas in assessment reports when developing, operating and maintaining liquid hydrocarbon pipelines, including developing and updating emergency planning zones (EPZs).
CB-NB-16.4 Future Specify Action Significant: IPZ-1-v. 10; IPZ-2-v. 9 Moderate/Low: IPZ-2-v.8; IPZ-3-v.5, 6 & 8	To ensure that the establishment and operation of a liquid hydrocarbon pipeline within the meaning of O. Reg. 210/01 under the *Technical Safety and Standards Act, 2000* or that is subject to the *Canadian Energy Regulator Act, 2019* never becomes a significant , moderate or low drinking water threat, where the activity would be a significant, moderate or low drinking water threat, pipeline owners should, upon request by the City, reimburse costs borne by the City where work in relation to this activity is required by a regulator with regards to protecting drinking water sources or where the work identified by the drinking water system owner is supported based on due diligence and best practices as it relates to source protection and the protection of public health. Examples may include but are not limited to spill clean-up and rehabilitation activities, events-based modelling or other technical work required to support current vulnerability scoring.

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, 1990* 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-12.2

LIST B

Title: Moderate and low threat policies that affect decisions under the *Planning Act, 1990* 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-11.3, CB-CW-13.3, CB-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: 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-10.3.1, CB-CW-13.2, CB-CW-13.4

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-9.2.1, CB-CW-9.3, CB-CW-10.2.1, CB-CW-10.4, CB-CW-11.2, CB-CW-12.1, CB-CW-13.1, CB-CW-13.2.1, CB-CW-13.5, CB-CW-13.6, 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, CB-NB-16.1, CB-NB-16.2, CB-NB-16.3, CB-NB-16.4

Appendix B: Prescribed Instruments and Policy Summary Tables

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

Policy Number	Legal Effect (conform with, have regard to)	*Environmental Protection Act, 1990*	*Nutrient Management Act, 2002*	*Ontario Water Resources Act, 1990*
CB-CW-1.1.1	Comply With	Yes	Yes	Yes
CB-CW-1.1.2	Comply With	Yes	Yes	Yes
CB-CW-1.14	Comply With	Yes	No	Yes
CB-MC-2.1	Must Conform	Yes	No	Yes
CB-MC-2.2	Must Conform	Yes	No	Yes
CB-MC-3.2	Must Conform	Yes	No	Yes
CB-MC-3.3	Must Conform	Yes	No	Yes
CB-MC-3.4	Must Conform	Yes	No	Yes
CB-MC-3.6	Must Conform	Yes	No	Yes
CB-MC-3.7	Must Conform	Yes	No	Yes
CB-MC-3.8	Must Conform	Yes	No	Yes
CB-MC-3.9	Must Conform	Yes	No	Yes
CB-MC-4.2	Must Conform	No	Yes	No
CB-MC-5.2	Must Conform	No	Yes	No
CB-MC-6.1	Must Conform	Yes	Yes	No
CB-MC-6.2	Must Conform	Yes	Yes	No
CB-MC-15.2	Must Conform	No	Yes	No

Table 2: Policy Summary Matrix

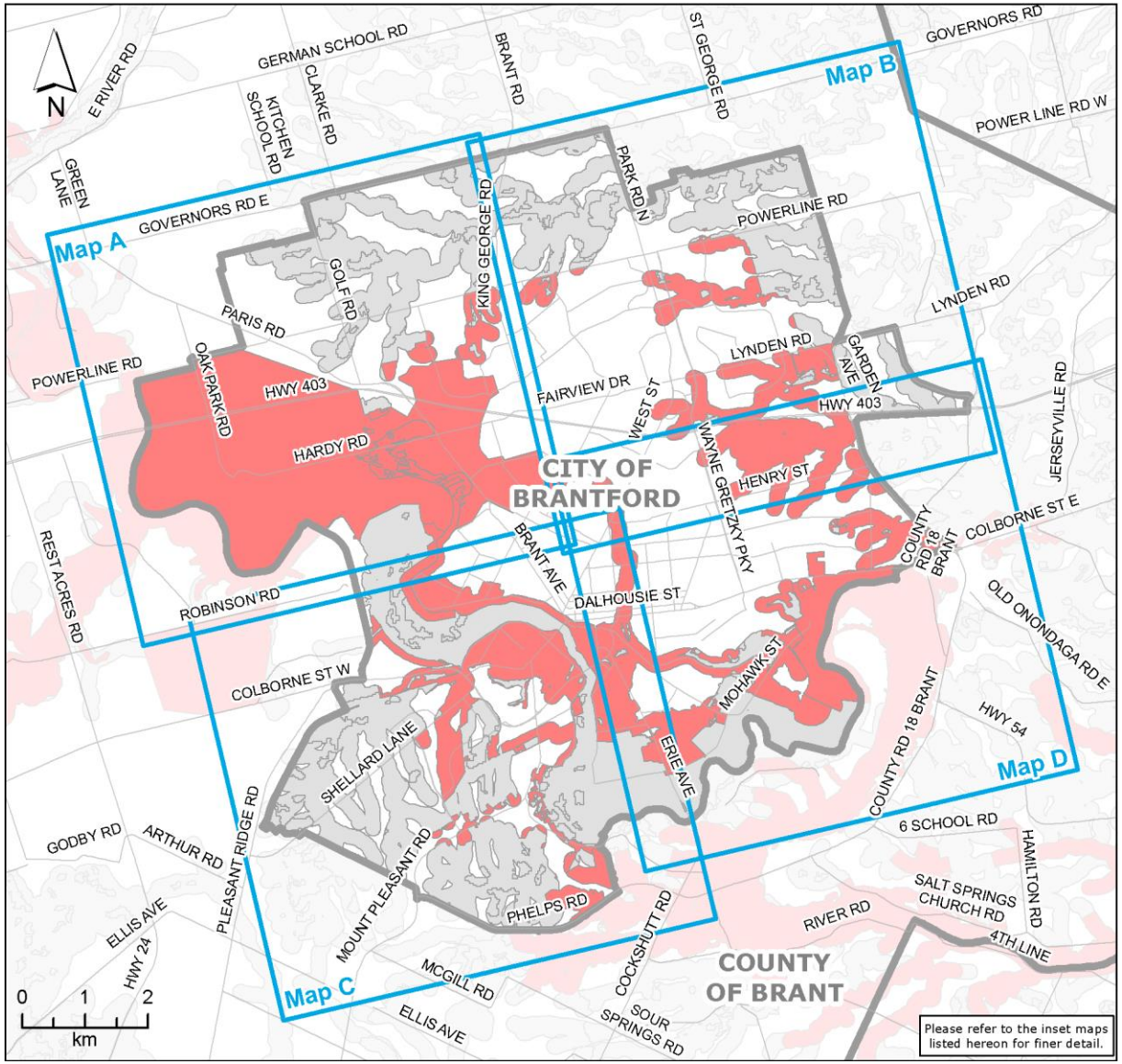
Policy ID Number	Legal Effect	Lists A and B	Lists C and D	List E	List F	Lists G, H, and I	List J	List K
CB-CW-1.1.1	Comply With	Yes	Yes	Yes	No	Yes	No	No
CB-CW-1.1.2	Comply With	Yes	Yes	Yes	No	Yes	No	No
CB-CW-1.2	Comply With	Yes	No	No	No	Yes	No	No
CB-MC-1.3	Must Conform	Yes	No	No	No	No	No	No
CB-CW-1.4	Comply With	No	No	Yes	No	No	No	No
CB-CW-1.5	Comply With	No	No	Yes	No	No	No	No
CB-CW-1.6	Comply With	No	No	No	Yes	No	No	No
CB-CW-1.7	Comply With	No	No	No	Yes	No	No	No
CB-CW-1.8	Comply With	No	No	No	Yes	No	No	No
CB-CW-1.9	Comply With	No	No	No	Yes	No	No	No
CB-CW-1.10	Comply With	No	No	No	Yes	No	No	No
CB-NB-1.11	Non-binding	No	No	No	No	No	Yes	No
CB-MC-1.14	Must Conform	Yes	Yes	Yes	No	Yes	No	No
CB-MC-2.1	Must Conform	No	Yes	No	No	No	No	No
CB-MC-2.2	Must Conform	No	Yes	No	No	No	No	No
CB-CW-2.3	Comply With	No	No	No	No	Yes	No	No
CB-CW-2.5	Comply With	No	No	No	No	Yes	No	No
CB-CW-2.6	Comply With	No	No	Yes	No	No	No	No
CB-CW-3.1	Comply With	No	No	Yes	No	No	No	No
CB-MC-3.2	Must Conform	No	Yes	No	No	No	No	No

Policy ID Number	Legal Effect	Lists A and B	Lists C and D	List E	List F	Lists G, H, and I	List J	List K
CB-MC-3.3	Must Conform	No	Yes	No	No	No	No	No
CB-MC-3.4	Must Conform	No	Yes	No	No	No	No	No
CB-MC-3.5	Must Conform	Yes	No	No	No	No	No	No
CB-CW-3.5.1	Comply With	No	No	No	No	Yes	No	No
CB-MC-3.6	Must Conform	No	Yes	No	No	No	No	No
CB-MC-3.7	Must Conform	No	Yes	No	No	No	No	No
CB-MC-3.8	Must Conform	No	Yes	No	No	No	No	No
CB-MC-3.9	Must Conform	No	Yes	No	No	No	No	No
CB-CW-4.1	Comply With	No	No	No	No	Yes	No	No
CB-MC-4.2	Must Conform	No	Yes	No	No	No	No	No
CB-CW-5.1	Comply With	No	No	No	No	Yes	No	No
CB-MC-5.2	Must Conform	No	Yes	No	No	No	No	No
CB-CW-5.3	Comply With	No	No	No	No	Yes	No	No
CB-MC-6.1	Must Conform	No	Yes	No	No	No	No	No
CB-MC-6.2	Must Conform	No	Yes	No	No	No	No	No
CB-CW-7.3	Comply With	No	No	No	No	Yes	No	No
CB-CW-8.1	Comply With	No	No	No	No	Yes	No	No
CB-CW-8.2	Comply With	No	No	Yes	No	No	No	No
CB-CW-9.1	Comply With	No	No	No	No	Yes	No	No
CB-CW-9.2	Comply With	No	No	No	No	Yes	No	No
CB-CW-9.2.1	Comply With	No	No	No	No	Yes	No	No

Policy ID Number	Legal Effect	Lists A and B	Lists C and D	List E	List F	Lists G, H, and I	List J	List K
CB-CW-9.3	Comply With	No	No	No	No	Yes	No	No
CB-CW-10.1	Comply With	No	No	Yes	No	No	No	No
CB-CW-10.2	Comply With	No	No	Yes	No	No	No	No
CB-CW-10.2.1	Comply With	No	No	No	No	Yes	No	No
CB-MC-10.3	Must Conform	Yes	No	No	No	No	No	No
CB-CW-10.3.1	Comply With	No	No	No	No	Yes	No	No
CB-CW-10.4	Comply With	No	No	No	No	Yes	No	No
CB-CW-11.2	Comply With	No	No	No	No	Yes	No	No
CB-MC-11.3	Comply With	No	No	Yes	No	No	No	No
CB-CW-12.1	Comply With	No	No	No	No	Yes	No	No
CB-MC-12.2	Must Conform	Yes	No	No	No	No	No	No
CB-CW-12.3	Comply With	No	No	Yes	No	No	No	No
CB-CW-13.1	Comply With	No	No	No	No	Yes	No	No
CB-CW-13.2	Comply With	No	No	No	No	Yes	No	No
CB-CW-13.2.1	Comply With	No	No	No	No	Yes	No	No
CB-CW-13.3	Comply With	No	No	Yes	No	No	No	No
CB-CW-13.4	Comply With	No	No	No	No	Yes	No	No
CB-CW-13.5	Comply With	No	No	No	No	Yes	No	No
CB-CW-13.6	Comply With	No	No	No	No	Yes	No	No
CB-CW-13.7	Comply With	No	No	Yes	No	No	No	No
CB-NB-14.1	Non-binding	No	No	No	No	No	No	Yes

Policy ID Number	Legal Effect	Lists A and B	Lists C and D	List E	List F	Lists G, H, and I	List J	List K
CB-CW-15.1	Comply With	No	No	No	No	Yes	No	No
CB-MC-15.2	Must Conform	No	Yes	No	No	No	No	No
CB-CW-15.3	Comply With	No	No	No	No	Yes	No	No
CB-NB-16.1	Non-binding	No	No	No	No	No	No	Yes
CB-NB-16.2	Non-binding	No	No	No	No	No	No	Yes
CB-NB-16.3	Non-binding	No	No	No	No	No	No	Yes
CB-NB-16.4	Non-binding	No	No	No	No	No	No	Yes

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



DRINKING WATER SOURCE PROTECTION
ACT FOR CLEAN WATER

Significant Drinking Water Threat Policy Applicability

Index Map -
Intake Protection Zones

- Main Roads
- Upper / Single Tier Municipal Boundary
- Inset Map

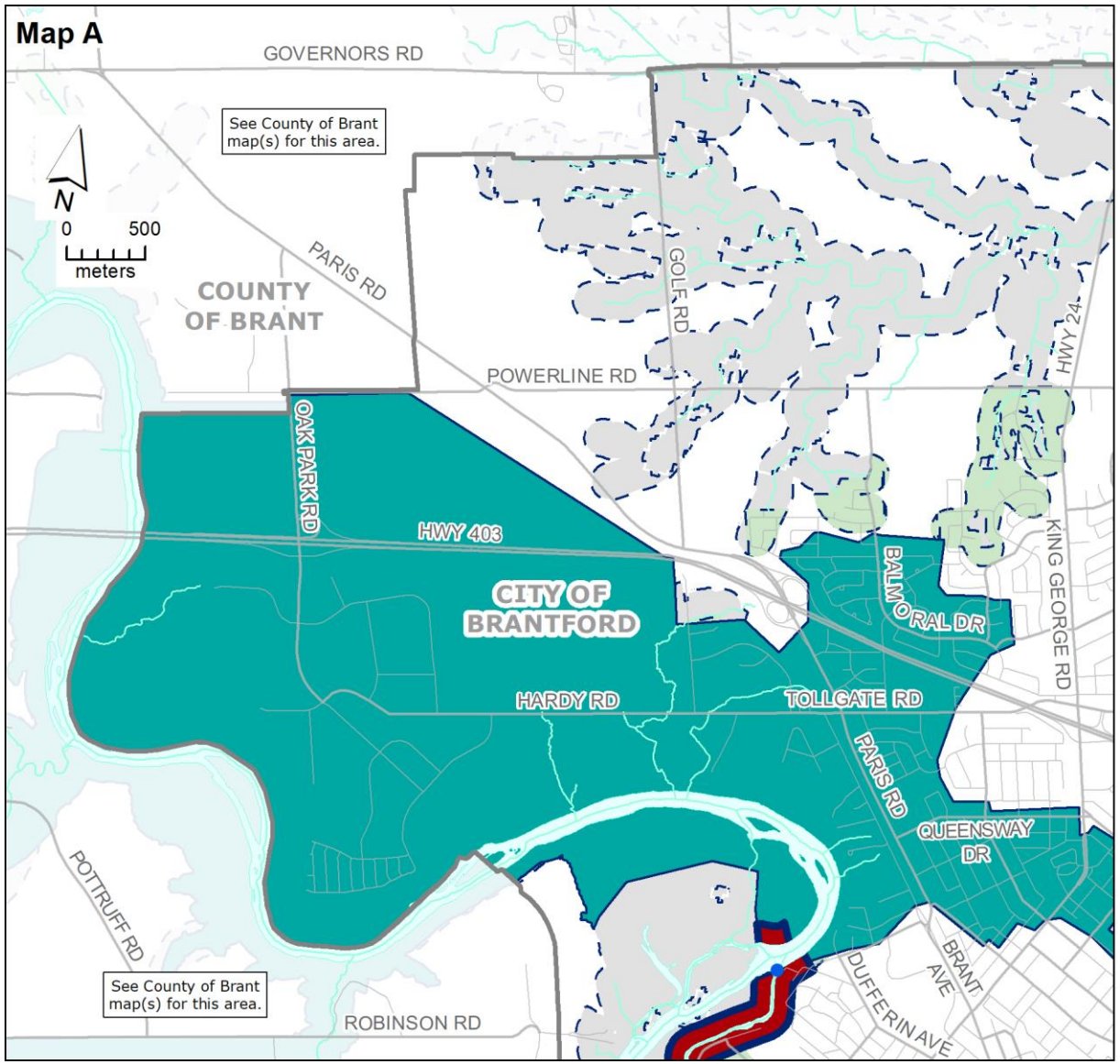
Intake Protection Zones:

- 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.
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Schedule B: City of Brantford: Intake Protection Zones, Map A



DRINKING WATER SOURCE PROTECTION
ACT FOR CLEAN WATER

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.	Liquid Hydrocarbon Pipelines	■	■	■

Note: This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) within the Intake Protection Zones shown on this map. For details refer to the text of the Source Protection Plan and the Ministry of the Environment Drinking Water Threats Tables.
*Application of Commercial Fertilizer, Non-Agricultural Source Material, and Road Salt may not be a significant drinking water threat in some areas due to the % managed land, livestock density, and/or % impervious surface calculations for these areas. See the text of the plan for further details.

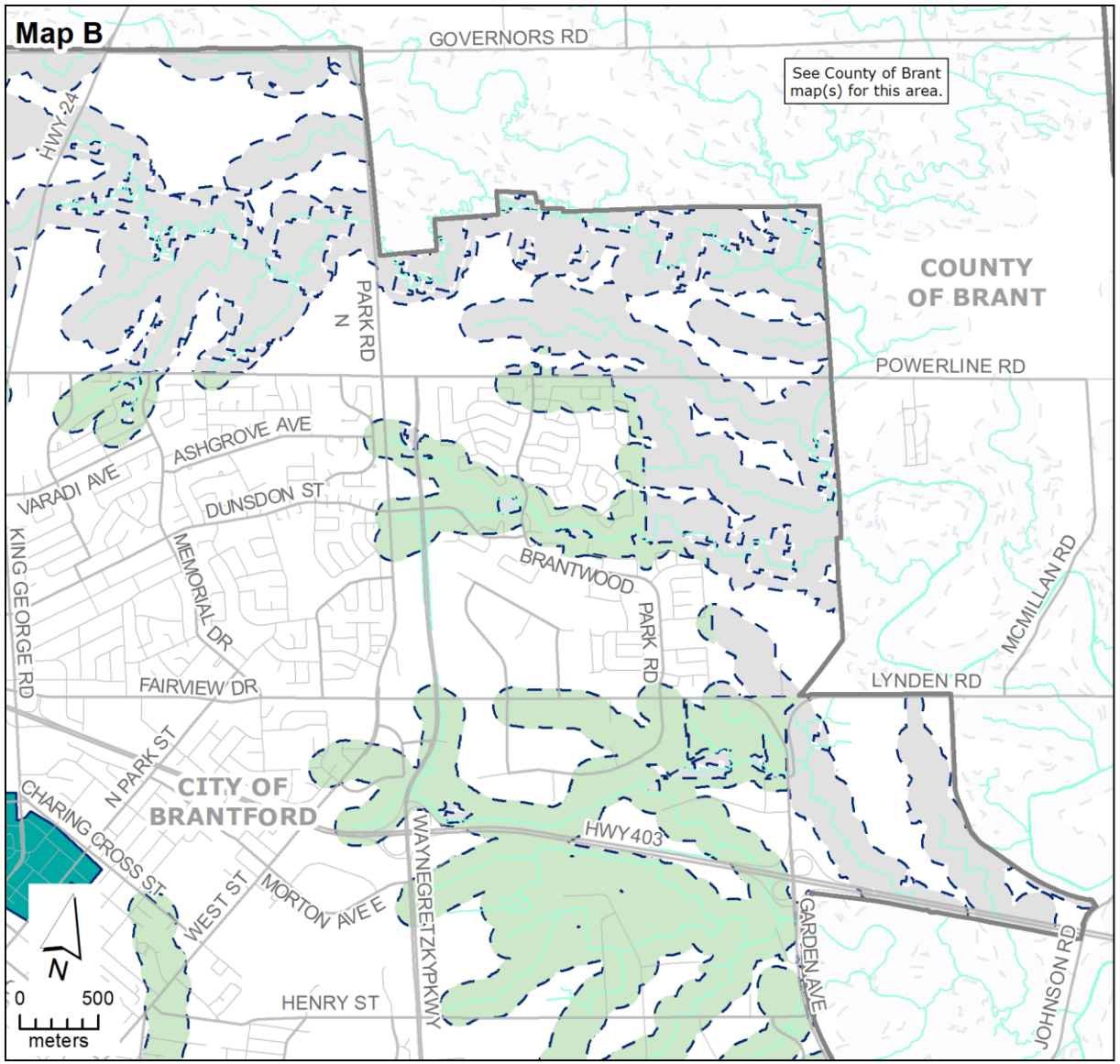
- Intake
- Roads
- Minor Rivers
- Lakes / Main Rivers
- City of Brantford Boundary

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

Grand River Conservation Authority

1. Updated January 6, 2025
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Schedule C: City of Brantford: Intake Protection Zones, Map B



DRINKING WATER SOURCE PROTECTION
ACT FOR CLEAN WATER

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.	Liquid Hydrocarbon 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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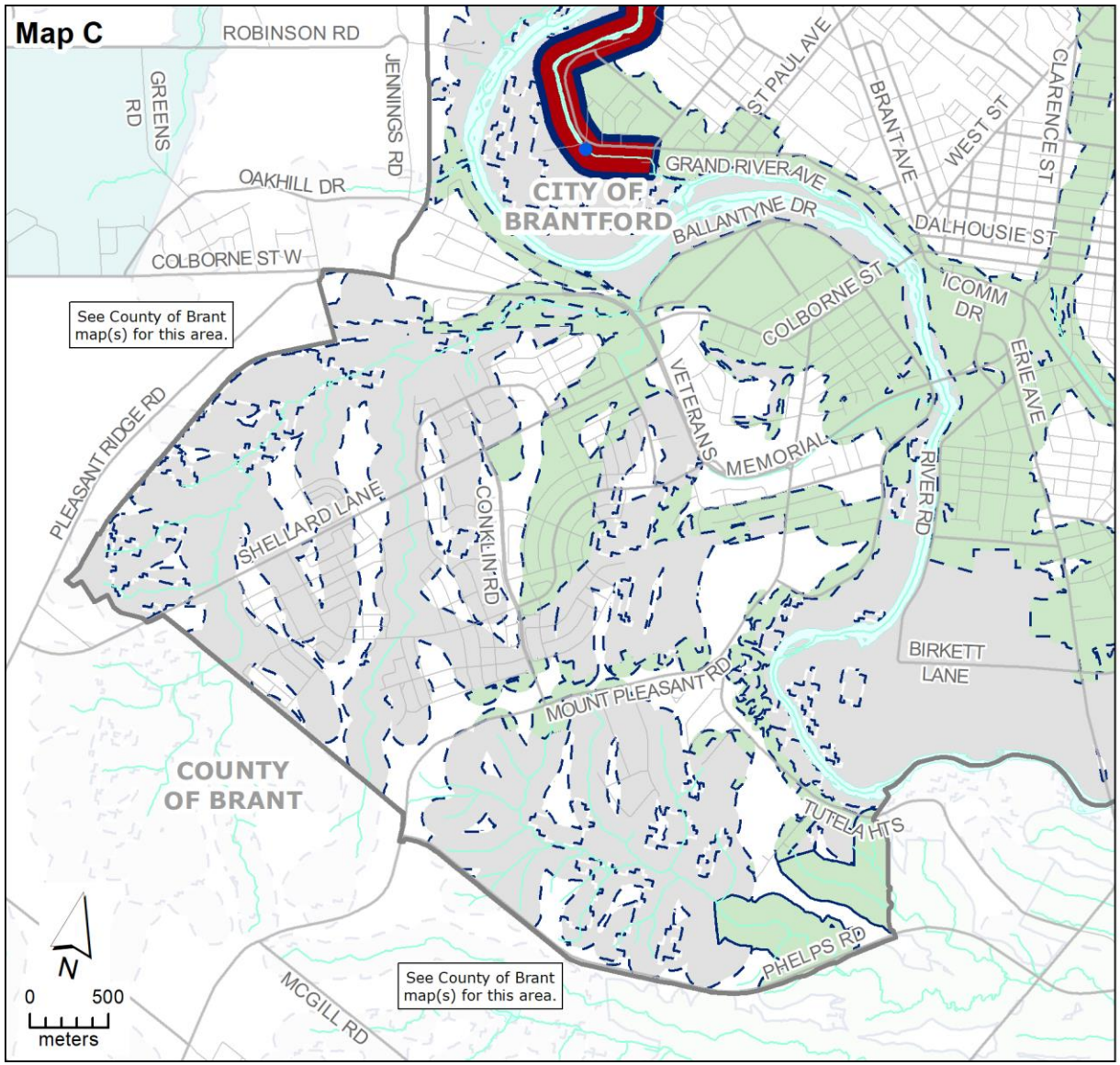
Roads
Minor Rivers
Lakes / Main Rivers
City of Brantford Boundary

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

Grand River Conservation Authority

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



DRINKING WATER SOURCE PROTECTION
ACT FOR CLEAN WATER

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.	Liquid Hydrocarbon 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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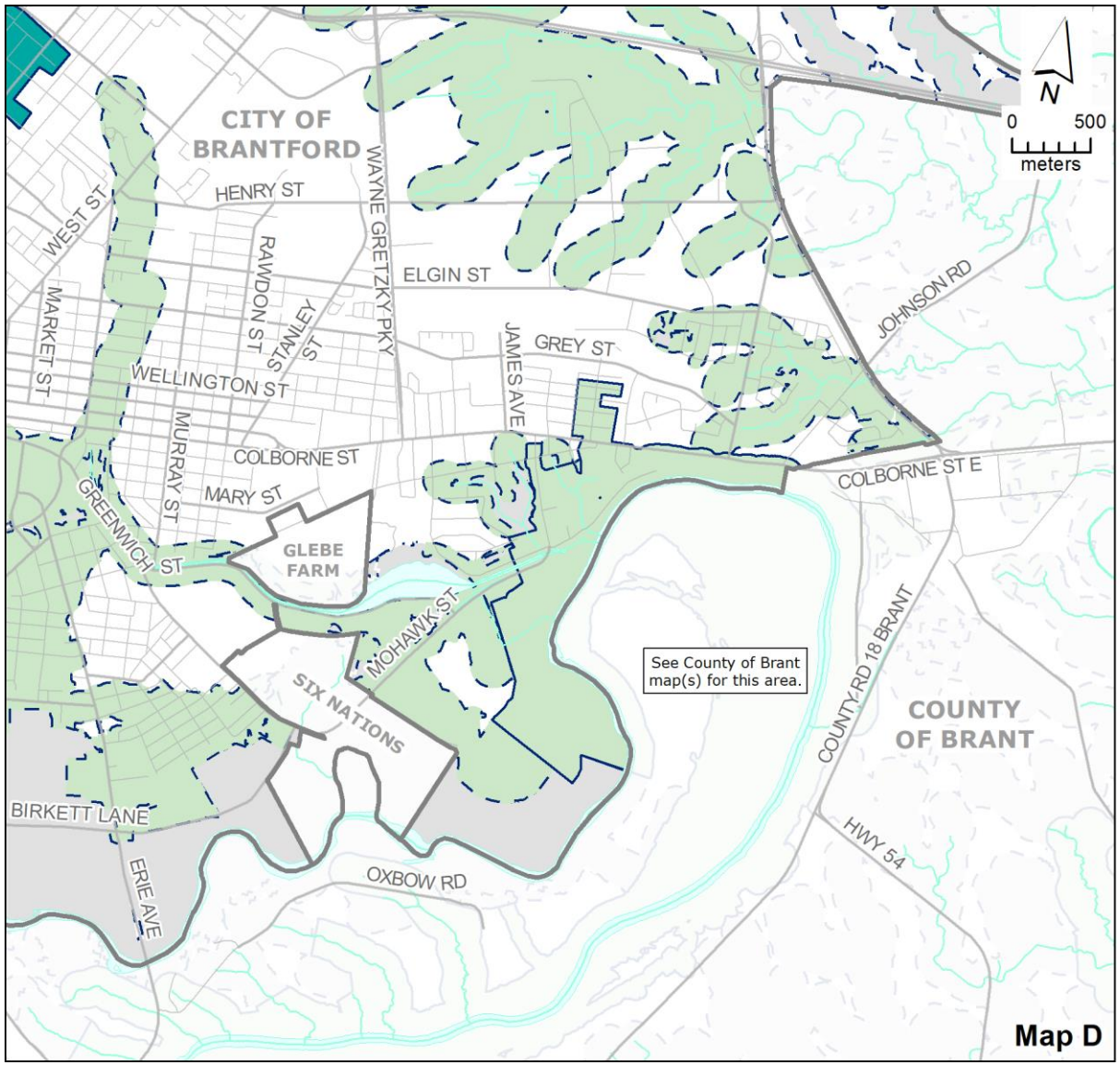
- Intake
- Roads
- Minor Rivers
- Lakes / Main Rivers
- City of Brantford Boundary

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

Grand River Conservation Authority

1. Updated January 6, 2025
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Schedule E: City of Brantford: Intake Protection Zones, Map D



DRINKING WATER SOURCE PROTECTION
ACT FOR CLEAN WATER

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.	Liquid Hydrocarbon 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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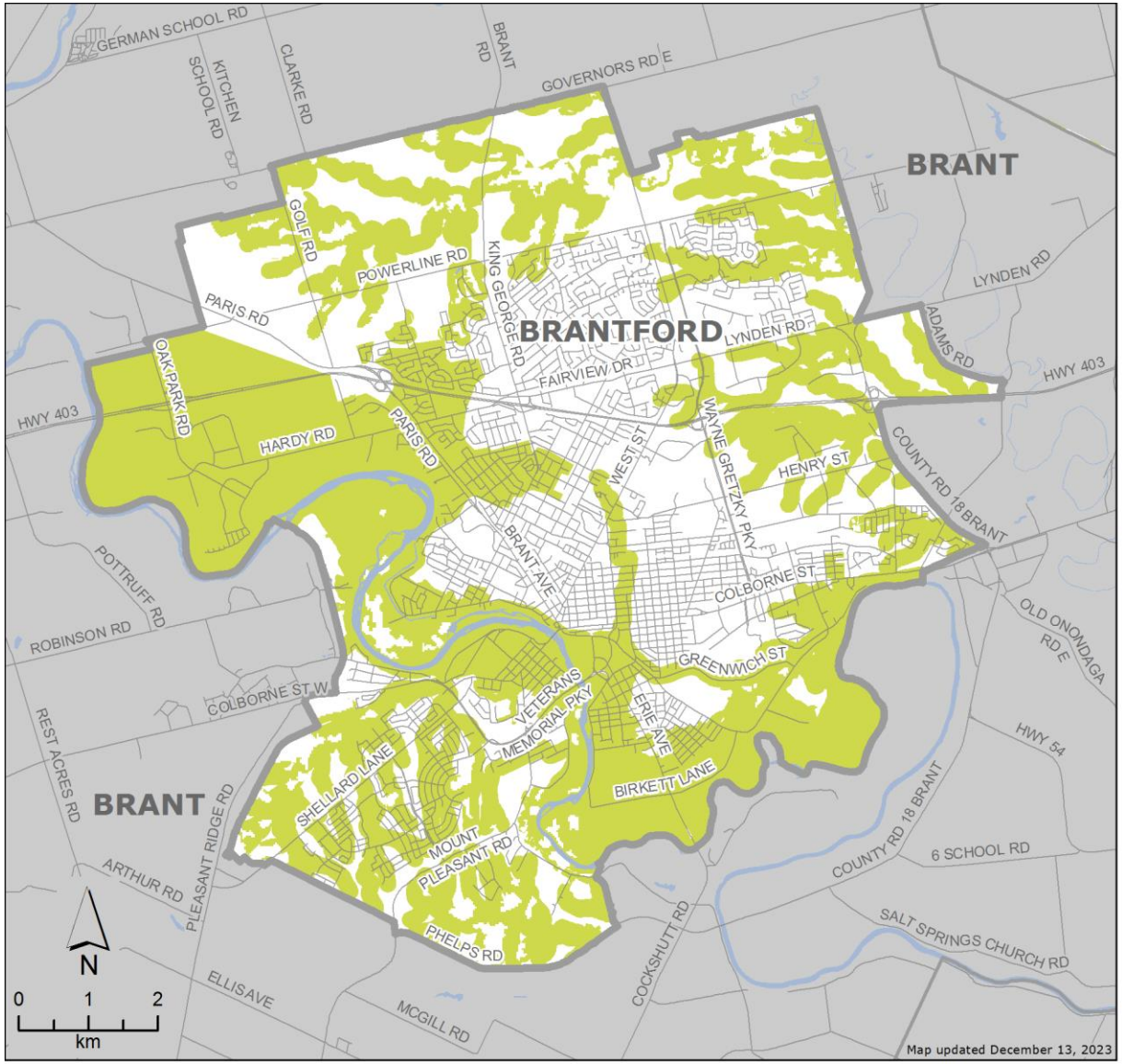
Roads
Minor Rivers
Lakes / Main Rivers
City of Brantford Boundary

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

Grand River Conservation Authority

1. Updated January 7, 2025
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Schedule F: City of Brantford: Areas Where Low / Moderate Liquid Hydrocarbon Pipeline Policies May Apply



DRINKING WATER SOURCE PROTECTION
ACT FOR CLEAN WATER

Low/Moderate Drinking Water Threat Policy Applicability

City of Brantford:
Liquid Hydrocarbon Pipelines

- Brantford City Boundary
- Other Municipal Boundary
- Roads
- Main River
- Areas Where Low / Moderate Policies May Apply

Grand River Conservation Authority