

Grand River Source Protection Area

SOURCE PROTECTION PLAN VOLUME II Public Consultation Draft

Chapter 15: City of Brantford

January 30, 2025

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15.0 CITY OF BRANTFORD SOURCE PROTECTION PLAN POLICIES

The following City of Brantford Source Protection Plan policies apply to the Holmedale Water Treatment Plant Intake Protection Zones (IPZ) within the City of Brantford and to water systems originating from other jurisdictions, including Ohsweken (off-reserve), as presented in the schedules to this chapter. For areas where the IPZ extends 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.

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 shall 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 ~~City Of Brantford Source Protection Plan~~ General Policies

| Policy Number | Implementation and Timing Policies |
|---|--|
| CB-CW-1.1.1 <i>Implementation & 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. |

| Policy Number | Implementation and Timing Policies |
|---|---|
| CB-CW-1.1.2 <i>Implementation & Timing</i> | <p>Except as set out below, the policies contained in this Source Protection Plan shall come into effect on the date set out by the Minister.</p> <ul style="list-style-type: none">a. For Section 57 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, policies regarding prohibited activities do not apply to a person who engages in the activity at that location until 180 days from the date the Source Protection Plan takes effect;b. For Section 58 of the <i>Clean Water Act</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; <p>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</p> |

| Policy Number | Implementation and Timing Policies |
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| | 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. |

| Policy Number | Uses and Areas Designated as Restricted Land Uses Policies |
|-------------------------------------|---|
| CB-CW-1.2 <i>Part IV-RLU</i> | <p>In accordance with Section 59 of the <i>Clean Water Act, 2006</i>, all land uses, except solely residential uses, where significant drinking water threat activities have been designated for the purpose of Section 57 or Section 58 of the <i>Clean Water Act, 2006</i>, are hereby designated as Restricted Land Uses and a written notice from the Risk Management Official 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> |

| Policy Number | Official Plan and Zoning By Law Amendment(s) Policies |
|--|--|
| CB-MC-1.3 <i>Future Land Use Planning</i> | <p>The City shall amend its Official Plan and respective Zoning By-Laws to:</p> <ol style="list-style-type: none"> a. Identify the vulnerable areas in which drinking water threats prescribed under the <i>Clean Water Act, 2006</i> would be significant; b. Indicate that within the areas identified, any use or activity that is, or would be, a significant drinking water threat is required to conform with all applicable Source Protection Plan policies and, as such, may be prohibited, restricted or otherwise regulated by 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 |
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| CB-CW-1.4 | The City and the Source Protection Authority request continued Provincial funding and support for incentive programs, such as the |

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| <i>Existing/Future Stewardship Programs</i> | Ontario Drinking Water Stewardship Program, to assist in protecting existing and future drinking water sources and addressing significant drinking water threats. |
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| Policy Number | Education and Outreach Program Policies |
|--|--|
| 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> |

| Policy Number | Annual Reporting Policies |
|------------------------------------|--|
| CB-CW-1.6 <i>Monitoring</i> | <p>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.</p> <p>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.</p> |
| CB-CW-1.7 <i>Monitoring</i> | <p>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.</p> |
| CB-CW-1.8 <i>Monitoring</i> | <p>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 <i>Clean Water Act, 2006</i> and associated regulations.</p> |

| Policy Number | Annual Reporting Policies |
|---------------------------------|---|
| 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 | Strategic Action Policies: Spill Prevention, Spill Contingency or Emergency Response Plans |
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| 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. |

| Policy Number | Interpretation Policies |
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| 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. |

| Policy Number | Transition Policies |
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| 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: <ol 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. 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. |

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

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| 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 <i>Future Prescribed Instr.</i> 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 <i>Environmental Protection Act</i> that is subject to an Environmental Compliance Approval, never become significant drinking water threats, where these activities such an activity would be a significant drinking water threats, 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. |

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| <p>Policy Identifier</p> | <p>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</p> |
| <p>CB-MC-2.2</p> <p><i>Existing Prescribed Instr.</i> IPZ-1-v.10; IPZ-2-v.9; IPZ-2-v.8; IPZ-3-v.8</p> | <p>To ensure that any Existing waste disposal sites within the meaning of Part V of the <i>Environmental Protection Act</i> that is subject to an Environmental Compliance Approval, cease to be significant drinking water threats, where these activities are such an activity is a significant drinking water threats, cease to be a significant drinking water threat, the Ministry of the Environment, Conservation and Parks shall review and, where necessary, amend ensure that Environmental Compliance Approvals to incorporate 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 Such terms and conditions should to ensure the proponent maintains records on site and/or makes them available upon request.</p> |

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| <p>Policy Identifier</p> | <p>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</p> |
| <p>CB-CW-2.3</p> <p><i>Future Part IV-Prohibit</i> IPZ-1-v.10; IPZ-2-v.9; IPZ-3-v.8</p> | <p>To ensure that any New waste disposal sites, within the meaning of Part V of the <i>Environmental Protection Act</i>, not subject to an Environmental Compliance Approval 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, never become significant drinking water threats, where these such an activities would be a</p> |

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| | <p>significant drinking water threats, never becomes 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 is therefore shall be prohibited. in the following vulnerable areas:</p> <p>In an Intake Protection Zone 1 with a vulnerability score equal to ten (10)</p> <p>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</p> <p>In an Intake Protection Zone 2 with a vulnerability score equal to eight (8), except for the storage of hazardous waste or liquid industrial waste</p> <p>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</p> |
| <p>CB-CW-2.4 REMOVED</p> <p><i>Future Part IV - RMP IPZ-2-v.9; IPZ-2-v.8 IPZ-3-v.8</i></p> | <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> <ul style="list-style-type: none"> a. In an Intake Protection Zone 2 with a vulnerability score equal to eight (8) b. In an Intake Protection Zone 2 with a vulnerability score equal to nine (9) c. 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. Intentionally deleted to preserve numbering.</p> |

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| <p>CB-CW-2.5</p> <p><i>Existing Part IV - RMP IPZ-1-v.10; IPZ-2-v.9; IPZ-3-v.8</i></p> | <p>To ensure that any Existing waste disposal sites, 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 not subject to an Environmental Compliance Approval, cease to be significant drinking water threats, where these such an activities is a are significant drinking water threats, cease to be a significant drinking water threat, these activities shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.</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>To ensure that any Existing or New waste disposal sites within the meaning of Part V of the <i>Environmental Protection Act</i> 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 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> |

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 |
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| <p>CB-CW-3.1</p> <p><i>Existing/Future Education & Outreach IPZ-1-v.10</i></p> | <p>To ensure that any Existing or New onsite sewage works cease to be, or never become, significant drinking water threats, systems within Intake Protection Zone 1 where such an these activities is are, or would be, a significant drinking water threats, 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 that any Existing or New onsite sewage works systems, regulated under Section 53 of the <i>Ontario Water Resources Act</i>, cease to be, or never become, significant drinking water threats, where such an these activities is are, or would be, a significant drinking water threats, the Ministry of the Environment, Conservation and Parks shall prepare or review and, where necessary, amend or prepare Environmental Compliance Approvals to incorporate appropriate 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> |

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| <p>Policy Identifier</p> | <p>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</p> |
| <p>CB-MC-3.3</p> <p><i>Existing/Future Prescribed Instr.</i> IPZ-1-v.10; IPZ-2-v.9; IPZ-2-v.8; IPZ-3-v.8</p> | <p>To ensure that any Existing or New:</p> <ul style="list-style-type: none"> i. sewage treatment plant tanks; ii. sanitary sewers; iii. sewage pumping station or lift station wet well, a holding tank or a tunnel; or and related pipes, and iv. industrial effluent discharges <p>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 or prepare Environmental Compliance Approvals to incorporate appropriate ensure that terms and conditions are incorporated, that when implemented, ceases to be and/or never becomes a significant drinking water threat.</p> |
| <p>CB-MC-3.8</p> <p><i>Existing Prescribed Instr.</i> IPZ-1-v.10; IPZ-2-v.9; IPZ-2-v.8; IPZ-3-v.8</p> | <p>To ensure that any Existing sewage treatment plant by-pass to surface water and effluent discharges 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 ensure that terms and conditions are incorporated, that when implemented, the activity shall cease to be a significant drinking water threat.</p> |
| <p>CB-MC-3.9</p> <p><i>Future Prescribed Instr.</i> IPZ-1-v.10; IPZ-2-v.9; IPZ-2-v.8; IPZ-3-v.8</p> | <p>To ensure that any Future sewage treatment plant by-pass to surface water and effluent discharges wastewater treatment facilities and associated parts, except for sewage treatment tanks, never become significant drinking water threats, where these 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.</p> |

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| <p>Policy Identifier</p> | <p>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</p> |
| <p>CB-MC-3.4</p> <p><i>Existing/Future Prescribed Instr.</i> IPZ-1-v.10; IPZ-2-v.9; IPZ-2-v.8; IPZ-3-v.8</p> | <p>To ensure that any Existing or New:</p> <ul style="list-style-type: none"> i) discharge outfall from a storm water management facility or storm water drainage system; or ii) storm water infiltration facility <p>cease to be, or never become, significant drinking water threats, where these activities within an Intake Protection Zone where such activity is are, or would be, a significant drinking water threats, the Ministry of the Environment, Conservation and Parks shall prepare or, review, and, where necessary, amend or prepare Environmental Compliance Approvals to incorporate appropriate ensure that terms and conditions are incorporated that, when implemented, cease to be and/or never become a significant drinking water threat.</p> |
| <p>CB-MC-3.5</p> <p><i>Future Land Use Planning</i> IPZ-1-v.10; IPZ-2-v.9; IPZ-2-v.8; IPZ-3-v.8</p> | <p>To ensure that any Future:</p> <ul style="list-style-type: none"> i) outfall discharge from a storm water management facility or storm water drainage system; or ii) storm water infiltration facility <p>never become significant drinking water threats, where these such an activities would be a significant drinking water threats, never becomes a significant drinking water threat, and in consideration of applications received under the Planning Act or Condominium Act the City of Brantford shall locate require future stormwater management facilities to be located outside of the Intake Protection Zone, wherever possible, during consideration of applications received under the <i>Planning Act</i> or <i>Condominium Act</i>.</p> |
| <p>CB-CW-3.5.1</p> <p><i>Future RMP</i> IPZ-1-v.10; IPZ-2-v.9; IPZ-2-v.8; IPZ-3-v.8</p> | <p>To ensure that any New: discharge of stormwater</p> <ul style="list-style-type: none"> i) outfall from a stormwater management facility or storm water drainage system; or ii) storm water infiltration facility <p>not subject to an Environmental Compliance Approval never become significant drinking water threats, where such an these activities would be a significant drinking water threats, never becomes a significant drinking water threat; these is activities</p> |

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| <p>Policy Identifier</p> | <p>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</p> |
| | <p>isare designated for the purpose of Section 58, of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required, where a Ministry of the Environment, Conservation and Parks Environmental Compliance Approval is not required.</p> |

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| <p>Policy Identifier</p> | <p>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</p> |
| <p>CB-MC-3.6</p> <p><i>Existing Prescribed Instr.</i> IPZ-1-v.10; IPZ-2-v.9; IPZ-2-v.8; IPZ-3-v.8</p> | <p>To ensure any Existing outfall of a combined sewer (CSO) discharge from a stormwater outlet to surface water or sanitary sewer overflow (SSO) from a manhole or wet well cease to be significant drinking water threats, where these such an activitiesy would be a are significant drinking water threats, the Ministry of the Environment, Conservation and Parks shall review, and where necessary amend, Environmental Compliance Approvals to ensure that incorporate appropriate terms and conditions are incorporated that, when implemented the activity shall cease to be a significant drinking water threat.</p> |
| <p>CB-MC-3.7</p> <p><i>Future Prescribed Instr.</i> IPZ-1-v.10; IPZ-2-v.8; IPZ-2-v.9; IPZ-3-v.8</p> | <p>To ensure any Future outfall of a combined sewer (CSO) discharge from a stormwater outlet to surface water or sanitary sewer overflow (SSO) from a manhole or wet well never become significant drinking water threats, where such an these activitiesy would be a significant drinking water threats, never becomes a significant drinking water threat; the Ministry of the Environment, Conservation and Parks shall prohibit these activities within through the Environmental Compliance Approvals process.</p> |

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

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| <p>Policy Identifier</p> | <p>3.1 – Application of agricultural source material (ASM) to land</p> |
| <p>CB-CW-4.1</p> <p><i>Existing/Future Part IV-RMP.</i> IPZ-1-v.10; IPZ-2-v.9; IPZ-2-v.8; IPZ-3-v.8</p> | <p>To ensure that any Existing or Future application of agricultural source material (ASM) to land, on farms not phased-in under the <i>Nutrient Management Act</i> ceases to be, or never becomes, a significant drinking water threat, where this 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</p> |

| Policy Identifier | 3.1 – Application of agricultural source material (ASM) to land |
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| | <p><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 <i>Existing/Future Prescribed Instr.</i> <i>IPZ-1-v.10;</i> <i>IPZ-2-v.9;</i> <i>IPZ-2-v.8;</i> <i>IPZ-3-v.8</i> | <p>To ensure that any Existing and Future application of agricultural source material (ASM) to land on farms phased-in under the <i>Nutrient Management Act</i> ceases to be, or never becomes, a significant drinking water threat, where this such an activity is, or would be, a significant drinking water threat, the Ontario Ministry of Agriculture, Food and Agribusiness Rural Affairs shall review or prepare Nutrient Management Plans and/or Strategies to incorporate appropriate 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> |

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

| Policy Identifier | 4.1 – Storage of agricultural source material (ASM) |
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| CB-CW-5.1 <i>Existing Part IV-RMP</i> <i>IPZ-1-v.10;</i> <i>IPZ-2-v.9;</i> <i>IPZ-2-v.8;</i> <i>IPZ-3-v.8</i> | <p>To ensure that any Existing storage of agricultural source material (ASM) on farms not phased-in under the <i>Nutrient Management Act</i> ceases to be a significant drinking water threat, 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> |
| CB-MC-5.2 <i>Existing Prescribed Instr.</i> <i>IPZ-1-v.10;</i> <i>IPZ-2-v.9;</i> <i>IPZ-2-v.8;</i> <i>IPZ-3-v.8</i> | <p>To ensure that any Existing storage of agricultural source material (ASM) on farms phased-in under the <i>Nutrient Management Act</i> ceases to be a significant drinking water threat, where this such an activity is a significant drinking water threat, the Ontario Ministry of Agriculture, Food and Agribusiness Rural Affairs shall review Nutrient Management Plans and/or Strategies to ensure that incorporate appropriate terms and conditions are incorporated that, when</p> |

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| Policy Identifier | 4.1 – Storage of agricultural source material (ASM) |
| | implemented, the activity ceases to be a significant drinking water threat. |
| CB-CW-5.3 <i>Future Part IV-Prohibit IPZ-1-v.10; IPZ-2-v.9; IPZ-2-v.8; IPZ-3-v.8</i> | To ensure that any Future storage of agricultural source material (ASM) never becomes a significant drinking water threat, where this such an activity would be a significant drinking water threat, never becomes a significant drinking water threat; the this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be is therefore 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)

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| 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 <i>Existing/Future Prescribed Instr. IPZ-2-v.9; IPZ-2-v.8; IPZ-3-v.8</i> <i>Policy only applies to the application of NASM containing material from sewage works or meat plant</i> | To ensure that 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 in the following areas: <ol style="list-style-type: none"> <li data-bbox="589 1136 1390 1205">i. Intake Protection Zone 2 with a vulnerability score of equal to nine (9) and <li data-bbox="589 1205 1390 1274">ii. Intake Protection Zone 2 with a vulnerability score equal to eight (8); or <li data-bbox="589 1274 1390 1344">iii. Intake Protection Zone 3 with a vulnerability score of 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, If the Ontario Ministry of Agriculture, Food and Agribusiness Rural Affairs, or the Ministry of the Environment, Conservation and Parks, shall prepare or review and, where necessary, amend -NASM Plans, in accordance with under the Nutrient Management Act, or Environmental Compliance Approvals, in accordance with the Environmental Protection Act, to ensure that incorporate appropriate terms and conditions are incorporated that, when implemented, these activities cease to be and/or never become significant drinking water threats. |
| CB-MC-6.2 | To ensure that any Existing or Future application, or handling and storage of n Non-a gricultural s S ource m M aterial (NASM) |

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| <p>Policy Identifier</p> | <p>6.1 – Application of non-agricultural source material (NASM) to land 7.1 – The handling and storage of non-agricultural source material (NASM)</p> |
| <p><i>Existing/Future Prescribed Instr. IPZ-1-v.10;</i> <i>Policy only applies to the application of NASM containing material from sewage works or meat plant</i></p> | <p>in an Intake Protection Zone 1 cease to be, or never become, significant drinking water threats, where such an these activities is are, or would be, a significant drinking water threats in Intake Protection Zone 1, the Ontario Ministry of Agriculture, Food and Agribusiness Rural Affairs, or the Ministry of the Environment, Conservation and Parks, shall prohibit these activities through the NASM Plans process, in accordance with the Nutrient Management Act, or Environmental Compliance Approvals, in accordance with the Environmental Protection Act, to ensure these activities cease to be and/or never become significant drinking water threats.</p> |

Threat 9.0 – The Handling and Storage of Commercial Fertilizer

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| <p>Policy Identifier</p> | <p>9.1 – Handling and storage of commercial fertilizer</p> |
| <p>CB-CW-7.1 REMOVED</p> | <p>Intentionally deleted to preserve numbering</p> |
| <p>CB-MC-7.2 <i>Future Part IV - Prohibit IPZ-1-v.10</i></p> | <p>To ensure that any Future handling and storage of commercial fertilizer never becomes a significant drinking water threat, within Intake Protection Zone 1, never becomes a significant drinking water threat, where this such an activity is or would be a significant drinking water threat, this ese activities shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be therefore prohibited.</p> |
| <p>CB-CW-7.3 <i>Existing Part IV-RMP IPZ-1-v.10</i></p> | <p>To ensure that any the Existing handling and storage of commercial fertilizer never becomes a significant drinking water threat, within Intake Protection Zone 1, ceases to be a significant drinking water threat, where this such an activity is or would be a significant drinking water threat, this ese activities is are designated for the purposes of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.</p> |

Threat 10.0 – The Application of Pesticide to Land

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| <p>Policy Identifier</p> | <p>10.1 – Application of pesticide to land</p> |
| <p>CB-CW-8.1 <i>Existing/Future Part IV-RMP IPZ-1.v.10; IPZ-2-v.9</i></p> | <p>To ensure that any Existing or Future application of pesticides, on non-residential properties ceases to be, or never becomes, a significant drinking water threat, where this 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</p> |

| Policy Identifier | 10.1 – Application of pesticide to land |
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| | 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 Education & Outreach IPZ-1-v.10; IPZ-2-v.9</i> | To ensure that any Existing or Future application of pesticides, on residential properties ceases to be, or never becomes, a significant drinking water threat, where this such 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 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 |
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| CB-CW-9.1 <i>Existing/Future Part IV-RMP IPZ-2-v.9</i> | To ensure that any Existing or Future handling and storage of pesticides on non-residential properties in Intake Protection Zone 2 ceases to be, and/ or never becomes, a significant drinking water threat, within Intake Protection Zone 2, where this 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 Part IV-Prohibit IPZ-1-v.10</i> | To ensure that any Future handling and storage of pesticides 2,500 kg or greater within the meaning of the Pesticide Act within Intake Protection Zone 1; never becomes a significant drinking water threat, where such an- this 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 shall be is therefore prohibited. |
| CB-CW-9.2.1 <i>Future Part IV-RMP IPZ-1-v.10</i> | 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 purposes of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required. |
| CB-CW-9.3 <i>Existing Part IV-RMP IPZ-1-v.10</i> | To ensure that any Existing handling and storage of pesticides within the meaning of the Pesticide Act within Intake Protection Zone 1 ceases to be a significant drinking water threat, where this 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. |

Threat 12.0 – The Application of Road Salt

Threat 13.0 – The Handling and Storage of Road Salt

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

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| <p>Policy Identifier</p> | <p>12.1 – Application of road salt</p> |
| <p>CB-CW-10.2.1</p> <p><i>Existing/Future Part IV-RMP</i> IPZ-1-v.10; IPZ-2-v.9</p> | <p>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 <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.</p> |

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| <p>CB-CW-10.5 REMOVED <i>Existing/Future Education&Outreach</i> <i>IPZ-1-v.10</i></p> | <p>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. Intentionally deleted to preserve numbering</p> |
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| Policy Identifier | 13.1 Handling and storage of road salt – exposed to precipitation or runoff |
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| <p>CB-CW-10.3 <i>Future Land Use Planning</i> <i>IPZ-1-v.10;</i> <i>IPZ-2-v.9</i></p> | <p>To ensure that anythe Future handling and storage of road salt exposed to precipitation or runoff never becomes a significant drinking water threat, where such an this activity would be a significant drinking water threat,; related land uses shall be prohibited.</p> |
| <p>CB-CW-10.3.1 <i>Existing/Future Part IV-Prohibition</i> <i>IPZ-1-v.10</i> <i>IPZ-2-v.9</i></p> | <p>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 <i>Clean Water Act, 2006</i> and shall be prohibited.</p> |

| Policy Identifier | 13.2 - Handling and storage of road salt – potentially exposed to precipitation or runoff |
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| <p>CB-CW-10.4 <i>Existing/Future Part IV-RMP</i> <i>IPZ-1-v.10</i> <i>IPZ-2-v.9</i></p> | <p>To ensure that anythe 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 <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.</p> |

Threat 14.0 – The Storage of Snow

| Policy Identifier | 14.1 – Storage of snow on a site |
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| <p>CB-MC-11.1 REMOVED <i>Future Land Use Planning</i> <i>IPZ-1-v.10;</i></p> | <p>To ensure the future storage of snow never becomes a significant drinking water threat, where such an this activity would be a significant drinking water threat,; related land uses shall be prohibited. Intentionally deleted to preserve numbering.</p> |

| Policy Identifier | 14.1 – Storage of snow on a site |
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| IPZ-2-v.9 | |
| CB-CW-11.2 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 the 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, 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. |
| 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 |
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| 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 greater than 2,500 Litres ceases to be, or never becomes, a significant drinking water threat, where such an this 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. 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 REMOVED Future | 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 |

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| Policy Identifier | 15.1 – Handling and storage of fuel |
| <i>Part IV-RMP IPZ-2 v.9</i> | of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required. Intentionally deleted to preserve numbering. |
| CB-MC-12.2 <i>Future Land Use Planning IPZ-1-v.10</i> | To ensure that any the Future handling and storage of fuel more greater 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 such an 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)

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| 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 <i>Existing Part IV-RMP IPZ-1-v.10; IPZ-2-v.9</i> | To ensure that any the Existing handling and storage of dense non-aqueous phase liquids (DNAPLs) and organic solvents equal to or greater than 25 Litres per individual container on non-residential properties ceases to be a significant drinking water threat, where such this activity is are a significant drinking water threats, these activity is are is 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 <i>Future Part IV-Prohibit IPZ-1-v.10</i> | To ensure that any the Future handling and storage of dense non-aqueous phase liquids (DNAPLs) and organic solvents 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 such this activity is are would be a significant drinking water threats, these activity is are is designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be are therefore prohibited. |
| CB-CW-13.2.1 <i>Future Part IV-RMP IPZ-2-v.9</i> | 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 <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required. |
| CB-CW-13.3 <i>Existing/Future</i> | To ensure that any the Existing or Future handling and storage of dense non-aqueous phase liquids (DNAPLs) and organic solvents on residential properties, ceases to be, and/ or never |

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| <p>Policy Identifier</p> | <p>16.1 – Handling and storage of a dense non-aqueous phase liquid (DNAPL) 17.1 – Handling and storage of an organic solvent</p> |
| <p><i>Education & Outreach</i> <i>IPZ-1-v.10;</i> <i>IPZ-2-v.9</i></p> | <p>becomes, a significant drinking water threat, where this such activity is are, or would be, a 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.</p> |

Threat 17.0 – The Handling and Storage of an Organic Solvent

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| <p>Policy Identifier</p> | <p>16.1 – Handling and storage of a dense non-aqueous phase liquid (DNAPL) 17.1 – Handling and storage of an organic solvent</p> |
| <p>CB-CW-13.4 <i>Future</i> <i>Part IV-Prohibit</i> <i>IPZ-1-v.10</i></p> | <p>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 is designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.</p> |
| <p>CB-CW-13.5 <i>Future</i> <i>Part IV-RMP</i> <i>IPZ-1-v.10</i></p> | <p>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 <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.</p> |
| <p>CB-CW-13.6 <i>Existing</i> <i>Part IV-RMP</i> <i>IPZ-1-v.10</i></p> | <p>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 <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.</p> |
| <p>CB-CW-13.7 <i>Existing/Future</i> <i>Education & Outreach</i> <i>IPZ-1-v.10</i></p> | <p>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.</p> |

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 |
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| CB-NB-14.1 <i>Future Specify Action</i> <i>IPZ-1-v.10;</i> <i>IPZ-2-v.9</i> | 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 |
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| CB-CW-15.1 <i>Existing/Future Part IV-RMP</i> <i>IPZ-1-v.10;</i> <i>IPZ-2-v.9;</i> <i>IPZ-2-v.8;</i> <i>IPZ-3-v.8</i> | To ensure that any the 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 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-MC-15.2 <i>Existing/Future Prescribed Instr.</i> <i>IPZ-1-v.10;</i> <i>IPZ-2-v.9</i> <i>IPZ-2-v.8;</i> <i>IPZ-3-v.8</i> | To ensure that any 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> , ceases to be, or never becomes, a significant drinking water threat, where this such an activity is, or would be, a significant drinking water threat, the Ontario Ministry of Agriculture, Food and Agribusiness Rural Affairs shall prepare or review and, where necessary, amend Nutrient Management Plans and/or Strategies to ensure that incorporate appropriate 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</i> | To ensure that any 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> ceases to |

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| Policy Identifier | <p>21.1 – Agricultural source material (ASM) generation – livestock grazing or pasturing</p> <p>21.2 – Agricultural source material (ASM) generation – outdoor confinement area (OCA) or farm animal yard</p> |
| <p>Part IV-RMP. IPZ-1-v.10; IPZ-2-v.9 IPZ-2-v.8; IPZ-3-v.8</p> | <p><i>be, or never becomes, a significant drinking water threat,</i> where such an<i>this</i> 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.</p> |

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

| Policy Identifier | 22.1 – Conveyance of a liquid hydrocarbon by a pipeline |
|---|---|
| <p>CB-NB-16.1</p> <p><i>Future</i> <i>Specify Action</i></p> <p><i>Significant:</i> IPZ-1-v.10; IPZ-2-v.9</p> <p><i>Moderate/Low:</i> IPZ-2-v.8; IPZ-3-v.5, 6 & 8</p> | <p>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 or that is subject to the Canadian Energy Regulator Act 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.</p> |
| <p>CB-NB-16.2</p> <p><i>Future</i> <i>Specify Action</i></p> <p><i>Significant:</i> IPZ-1-v.10; IPZ-2-v.9</p> <p><i>Moderate/Low:</i> IPZ-2-v.8; IPZ-3-v.5, 6 & 8</p> | <p>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 or that is subject to the Canadian Energy Regulator Act 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.</p> |
| <p>CB-NB-16.3</p> <p><i>Future</i> <i>Specify Action</i></p> | <p>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 or that is subject to the Canadian Energy Regulator Act never becomes</p> |

| Policy Identifier | 22.1 – Conveyance of a liquid hydrocarbon by a pipeline |
|---|---|
| <p>Significant: IPZ-1-v. 10; IPZ-2-v. 9</p> <p>Moderate/Low: IPZ-2-v.8; IPZ-3-v.5, 6 & 8</p> | <p>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).</p> |
| <p>CB-NB-16.4</p> <p>Future Specify Action</p> <p>Significant: IPZ-1-v. 10; IPZ-2-v. 9</p> <p>Moderate/Low: IPZ-2-v.8; IPZ-3-v.5, 6 & 8</p> | <p>To ensure that the establishment and operation of a liquid hydrocarbon pipeline within the meaning of O. Reg. 210/01 under the <i>Technical Safety and Standards Act</i> or that is subject to the <i>Canadian Energy Regulator Act</i> 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.</p> |

Appendix A: List Of Policies As Per Section 34 Of Regulation 287/07**LIST A**

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

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

Content: 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-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-12.1.1~~, 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 # | Legal Effect (conform with, have regard to) | Environmental Protection Act | Nutrient Management Act | Ontario Water Resources Act |
|-------------|---|------------------------------|-------------------------|-----------------------------|
| 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 |

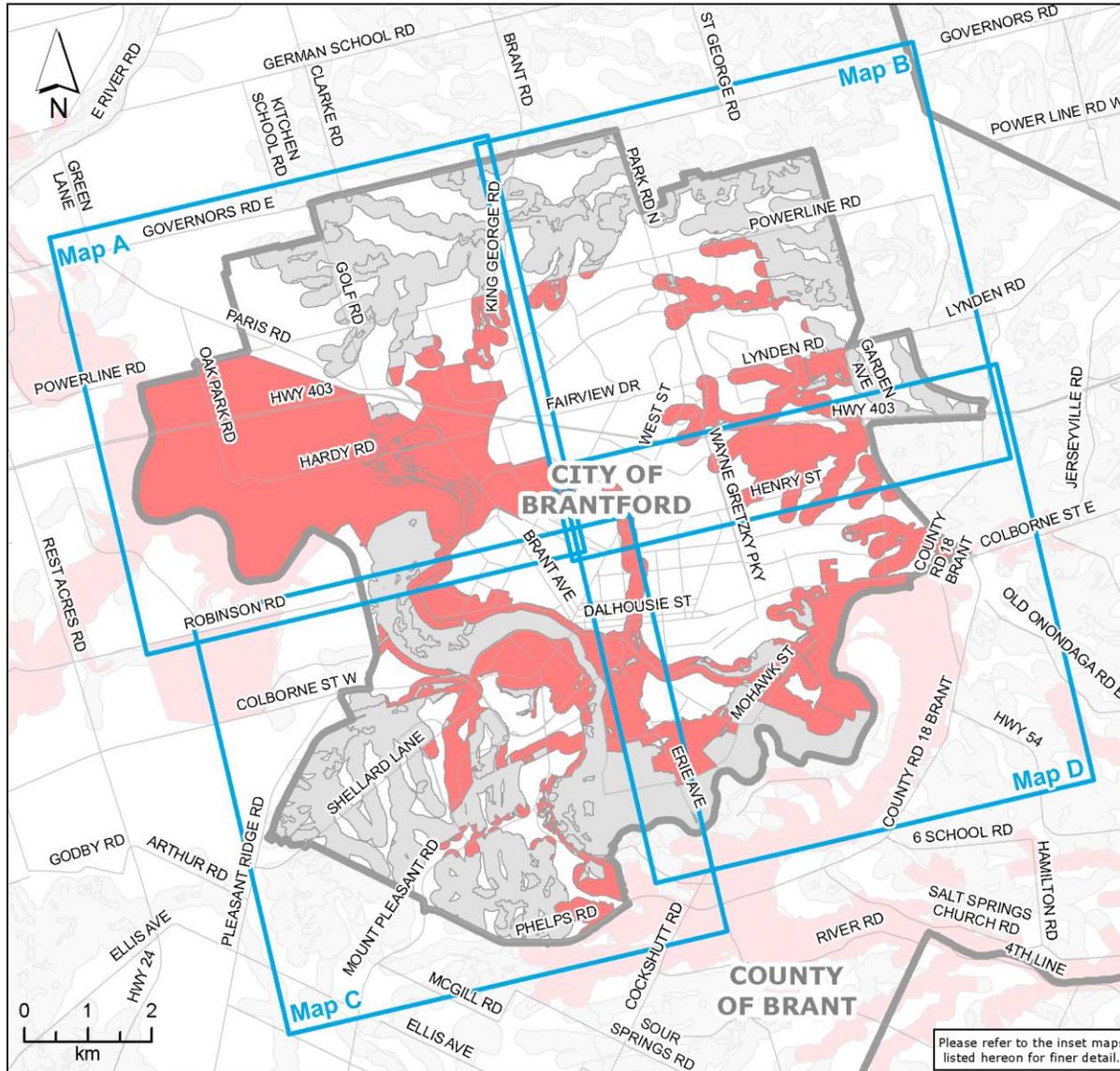
Table 2: Policy Summary Matrix

| Policy ID# | Legal Effect | 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 | 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 |

| Policy ID# | Legal Effect | 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-1.9 | 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-2.4 | 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 |
| 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 |
| 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 |

| Policy ID# | Legal Effect | 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-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-10.5 | Comply With | No | No | No | No | Yes | No | No |
| CB-MC-11.1 | Must Conform | Yes | No | No | No | No | 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-CW-12.1.1 | 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 |
| 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



Significant Drinking Water Threat Policy Applicability

Index Map - Intake Protection Zones

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

Intake Protection Zones:

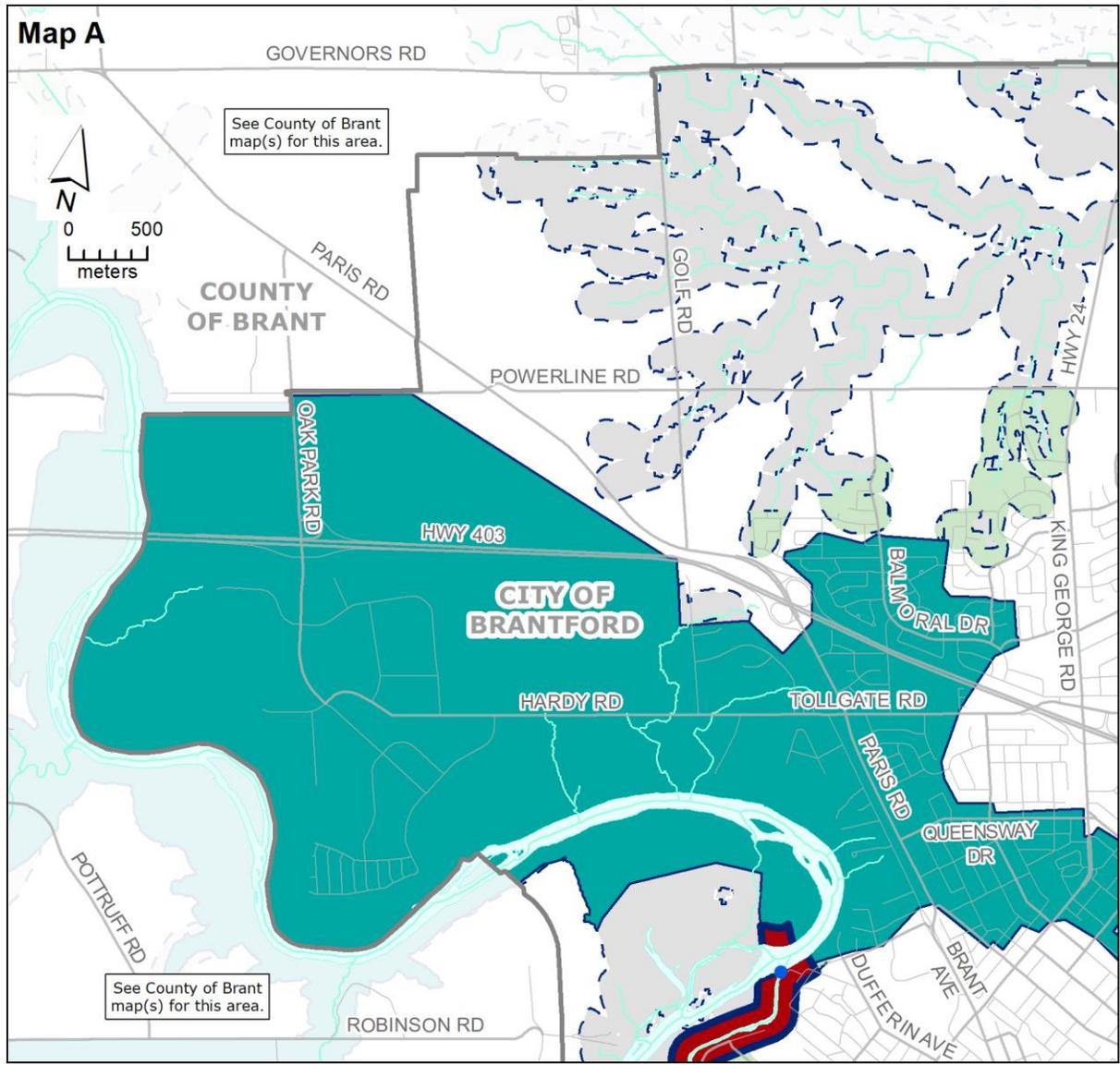
- Vulnerability Score ≥ 8
- Vulnerability Score < 8



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.

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 | 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* | Green | Green | Green |
| 14. Storage of Snow | Green | Green | Green |
| 15. Fuel | Green | Green | Green |
| 16. DNAPLs | Green | Green | Green |
| 17. Organic Solvents | Green | Green | Green |
| 18. Aircraft De-icing | Green | Green | Green |
| 21. Livestock Area | Green | Green | Green |
| 22. Liquid Hydrocarbon Pipelines | Green | 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.

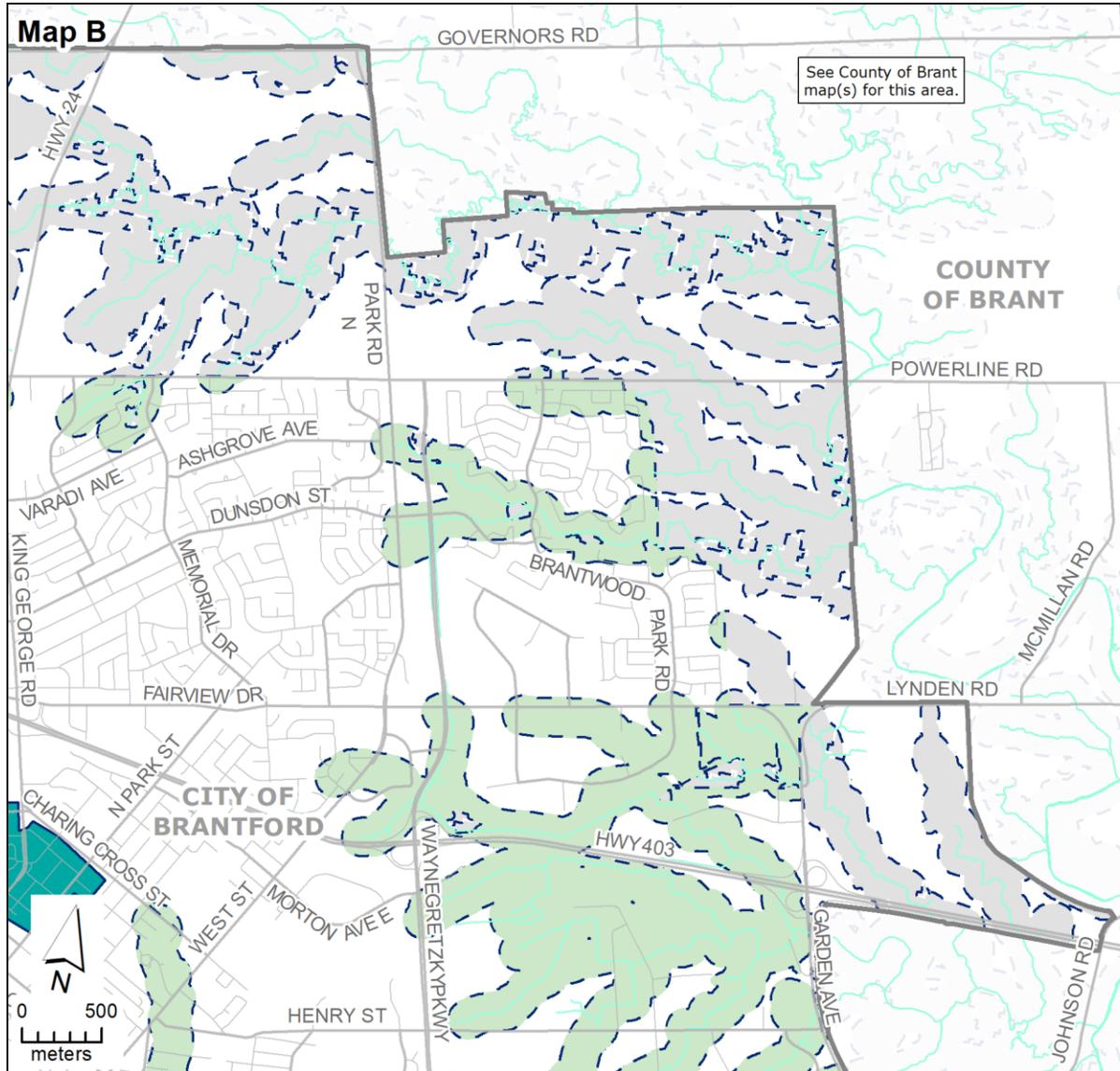
● Intake
 Roads
 Minor Rivers
 Lakes / Main Rivers
 City of Brantford Boundary

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



1. Updated January 6, 2025
2. Larger scale mapping of some map layers, including roads and vulnerability scores, is available at www.sourcewater.ca.
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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 | 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. Liquid Hydrocarbon 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.

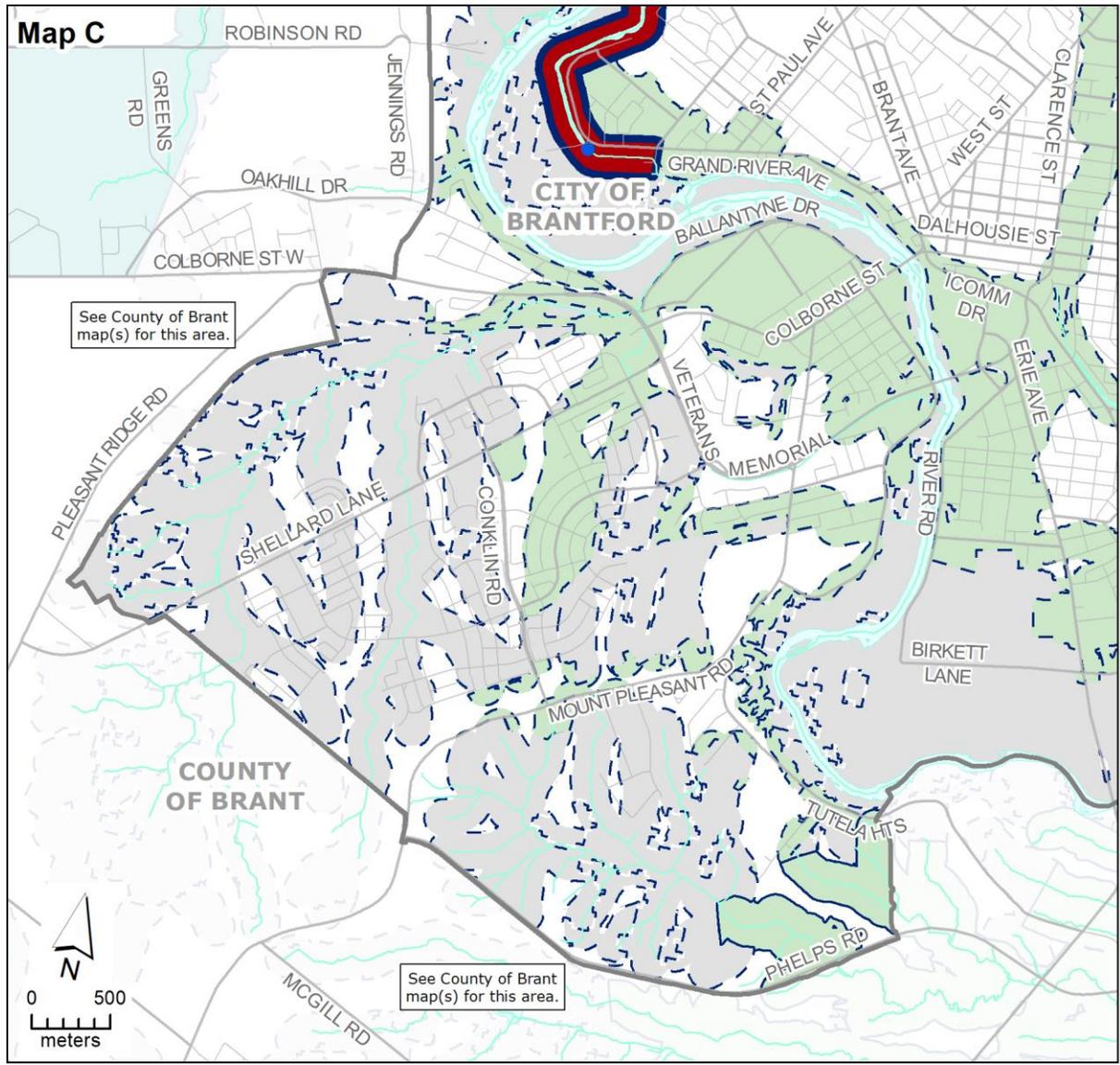
Legend for the map:

- Roads (solid line)
- Minor Rivers (dashed line)
- Lakes / Main Rivers (solid blue line)
- City of Brantford Boundary (dashed grey line)
- Intake Protection Zones:
 - IPZ-1 (outermost dashed blue circle)
 - IPZ-2 (middle dashed blue circle)
 - IPZ-3 (innermost dashed blue circle)



1. Updated January 6, 2025
 2. Larger scale mapping of some map layers, including roads and vulnerability scores, is available at www.sourcewater.ca.
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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 | 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 | Red | Green | Green |
| 16. DNAPLs | Red | Green | Green |
| 17. Organic Solvents | Red | Green | Green |
| 18. Aircraft De-icing | Red | Green | Green |
| 21. Livestock Area | Green | Green | Green |
| 22. Liquid Hydrocarbon 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:

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

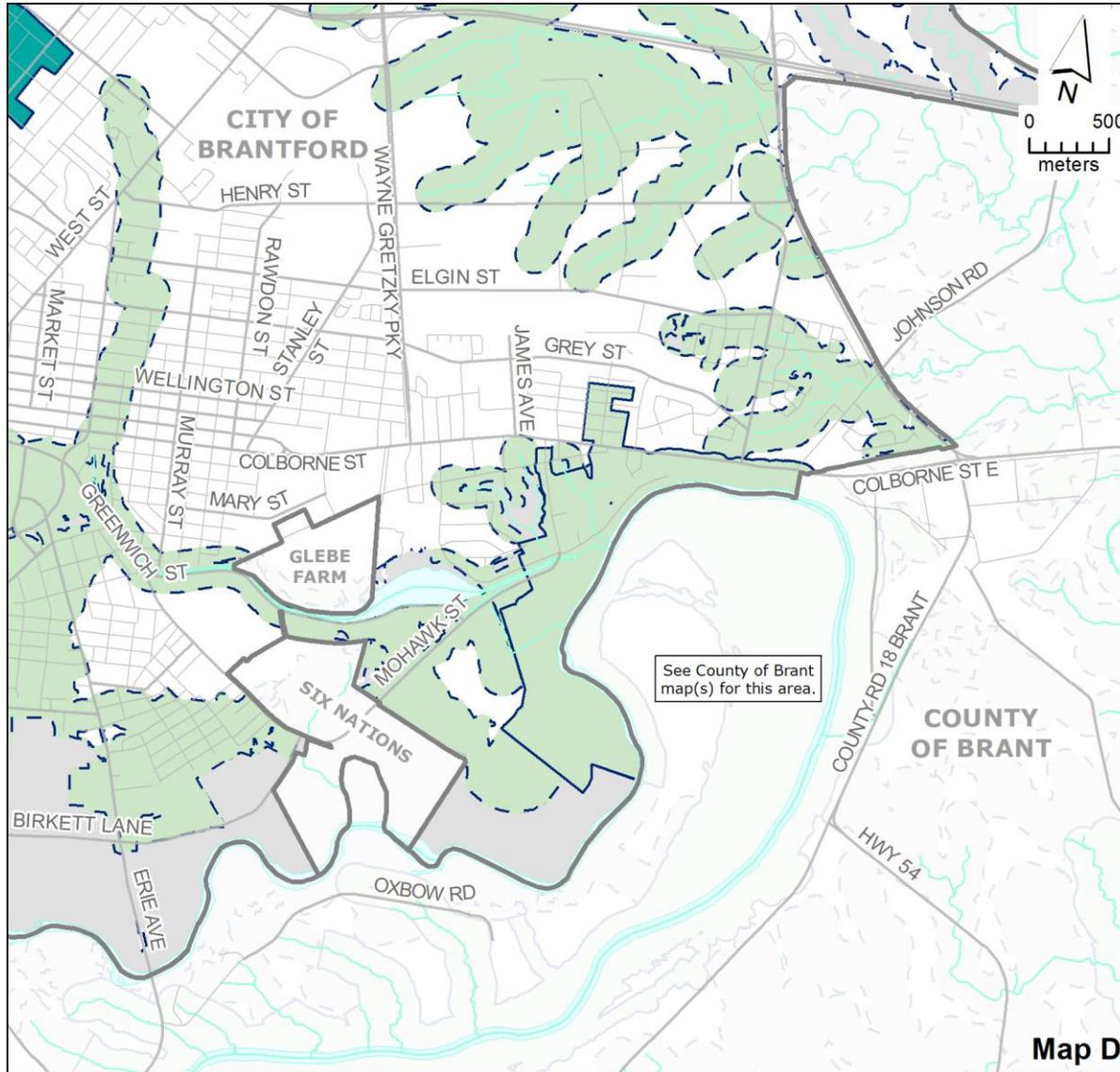
Intake Protection Zones:

- IPZ-1 (Thick blue line)
- IPZ-2 (Medium blue line)
- IPZ-3 (Thin blue line)



1. Updated January 6, 2025
 2. Larger scale mapping of some map layers, including roads and vulnerability scores, is available at www.sourcewater.ca.
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Schedule E: 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 | Green | Green | Green |
| 6, 7. Non-Agricultural Source Material* | Green | Green | Green |
| 8, 9. Commercial Fertilizer* | Green | Green | Green |
| 10, 11. Pesticide | Red | Green | Green |
| 12, 13. Road Salt* | Red | Green | Green |
| 14. Storage of Snow | Green | Green | Green |
| 15. Fuel | Green | Green | Green |
| 16. DNAPLs | Green | Green | Green |
| 17. Organic Solvents | Green | Green | Green |
| 18. Aircraft De-icing | Green | Green | Green |
| 21. Livestock Area | Green | Green | Green |
| 22. Liquid Hydrocarbon Pipelines | Green | 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:

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

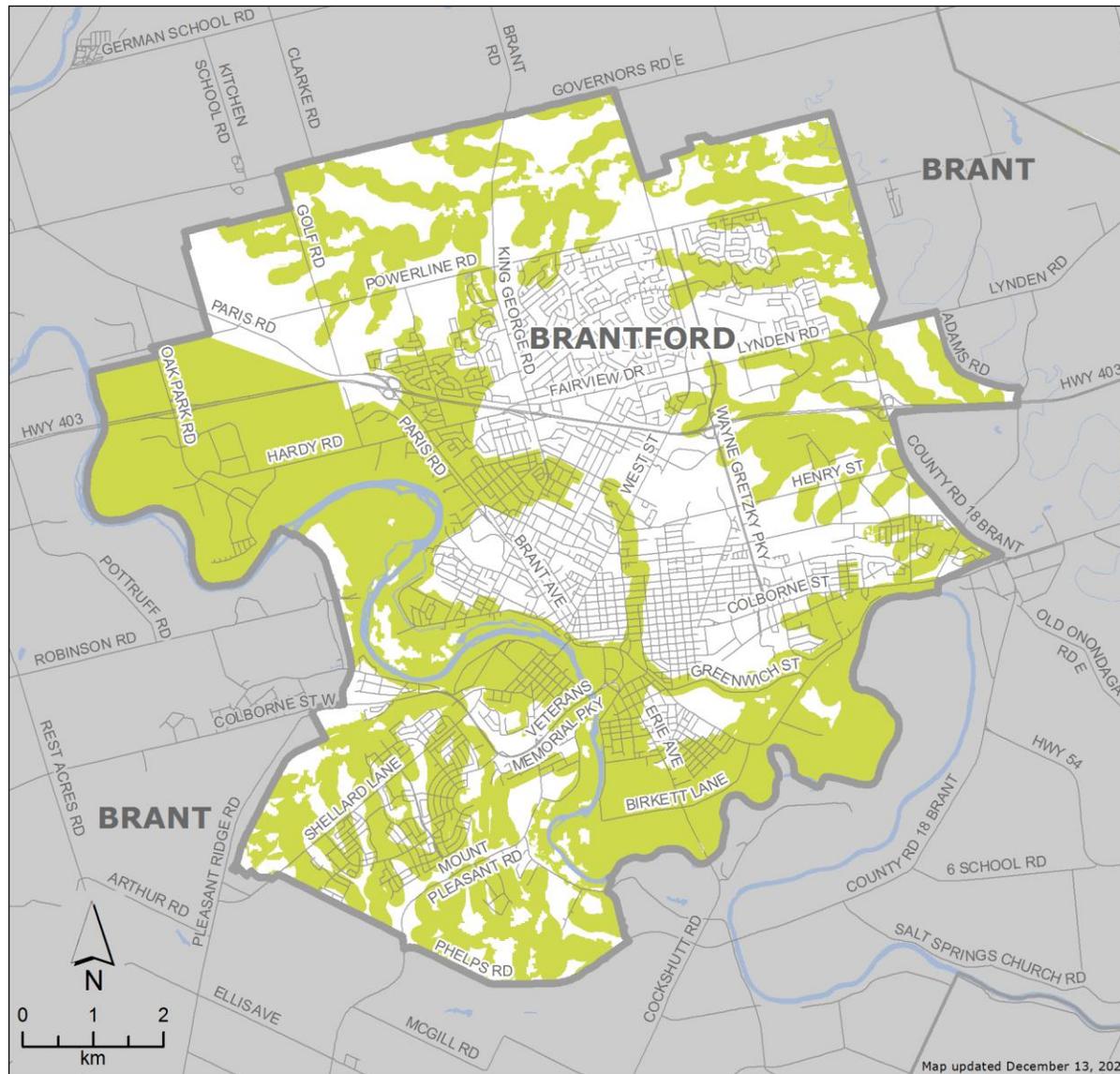
Intake Protection Zones:

- IPZ-1
- IPZ-2
- IPZ-3



1. Updated January 7, 2025
 2. Larger scale mapping of some map layers, including roads and vulnerability scores, is available at www.sourcewater.ca.
 3. This map is for illustrative purposes only. Information contained hereon is not a substitute for professional review or a site survey and is subject to change without notice. The Grand River Conservation Authority takes no responsibility for, nor guarantees, the accuracy of the information contained on this map. Any interpretations or conclusions drawn from this map are the sole responsibility of the user.

Schedule F: City of Brantford: Areas Where Low / Moderate Liquid Hydrocarbon Pipeline Policies May Apply



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