

BY-LAW NO. 68-2024

A BY-LAW OF THE CORPORATION OF THE TOWN OF CARLETON PLACE TO REGULATE BACKFLOW PREVENTION IN ORDER TO PROTECT THE TOWN'S DRINKING WATER SYSTEM FROM CONTAMINATION.

WHEREAS pursuant to Section 8 of the Municipal Act, 2001 S.O. 2001, c.25, a municipality under this or any other Act shall be interpreted broadly so as to confer broad authority on the municipality to enable the municipality to govern its affairs as it considers appropriate and to enhance the municipality's ability to respond to municipal issues.

AND WHEREAS Section 9 of the Municipal Act, 2001 S.O. 2001, c. 25, provides that a municipality has the capacity, rights, powers, and privileges of a natural person for the purpose of exercising its authority under this or any other Act.

WHEREAS Section 11 of the Municipal Act, 2001, S.O. 2001, c. 25, provides that the Town may pass By-laws relating to public utilities, including matters affecting water distribution, and for the purposes related to health, safety and well-being of persons.

AND WHEREAS Section 398 of the Municipal Act, 2001, S.O. 2001, c. 25 provides for fees and charges imposed by a municipality on a person to constitute a debt of the person and for the municipality to add such fees and charges to the tax roll and collect them in the same manner as municipal taxes.

AND WHEREAS Subsection 434.1(1) of the Municipal Act, 2001, S.O. 2001, c. 25 provides for a municipality to require a person, subject to such conditions as the municipality considers appropriate, to pay an administrative penalty if the municipality is satisfied that the person has failed to comply with a by-law of the municipality passed under the Act.

AND WHEREAS Sections 444 and 445 of the Municipal Act, 2001, S.O. 2001, c. 25 provide for a municipality to make an order to discontinue a contravening activity or correct a contravention, with either order setting out particulars of the contravention and the date by which compliance must be achieved.

AND WHEREAS Subsection 11(1) of the Safe Drinking Water Act, 2002, S.O. 2002, c. 32, requires every owner of a municipal drinking water system to ensure that all water provided by the system meets the requirements of drinking water quality standards and that the drinking water system is operated in accordance with the *Safe Drinking Water Act, 2002*.

AND WHEREAS section 19 of the Safe Drinking Water Act, 2002, S.O. 2002, c. 32, requires every person who oversees or has decision-making authority over a municipal drinking water system to exercise the level of care diligence and skill that a reasonable prudent person would be expected to exercise in a similar situation and act honestly competently and with integrity with a view to ensuring the protection and safety of the users of the municipal drinking water system.

AND WHEREAS O. Reg. 332/12, being the Ontario Building Code, Part 7 - Plumbing requires potable water systems to be protected from contamination.

AND WHEREAS contamination of the Town's drinking-water system can arise as a result of a backflow incident from a private plumbing system that is attached to the Town's municipal drinking-water system and such contamination of the municipal drinking-water system can have an adverse impact on the health, safety and well-being of the users of the Town's drinking water.

AND WHEREAS the Town seeks to put mechanisms in place to minimize the potential of contaminating substances discharging into the municipal drinking-water system.

NOW THEREFORE the Council of the Corporation of the Town of Carleton Place enacts as follows:

1. SHORT TITLE

1.1 This By-law shall be known as the "Backflow Prevention By-law".

2. APPLICABILITY AND SCOPE

2.1 This By-law applies to Parcels of Land being supplied with Potable Water from the Town via a Service Connection or a Temporary Water Service Connection.

2.2 Buildings of residential occupancies as described in Division A of the Ontario Building Code are not required to be protected in respect of Premise Isolation unless the Town determines that a condition exists in any Building or Structure that may be hazardous or detrimental to the Municipal Drinking Water System.

3. DEFINITIONS AND INTERPRETATION

3.1 For the purposes of this By-law:

"Applicant" means a Person who applies for or requests a service;

"Authorized Functions" means the functions listed on the Authorized Function List, which must be carried out by a Qualified Person;

"Authorized Function List" means the list provided by the Town that sets out certain functions, as set out in Schedule 'A' of this By-law, which must be performed by a Qualified Person and the qualifications that must be obtained to be a Qualified Person;

"Auxiliary Water Supply" means any water supply, on or available to the Property, other than the Potable Water that is supplied by the Town;

"Backflow" means the flowing back or reversal of the normal direction of flow;

“Backflow Preventer” means a device, as defined by the Ontario Building Code, that prevents Backflow to the Municipal Drinking Water System;

“Backflow Preventer Replacement Form” means a form prescribed by the Town, which shall record all work done by an Owner to remedy the deficiencies identified on the Backflow Preventer Test and Inspection Reports for their Property;

“Backflow Prevention Program” means a program initiated by the Town to administer and regulate the selection, installation, testing and maintenance of Backflow Preventers;

“Backflow Preventer Test and Inspection Report” means a document of a Backflow Preventer, containing the make, model, serial number, size, type, installation date, location and installation address, the Qualified Person(s) who performed the test, and the test results;

“Backflow Preventer Test Tag” means a tag, in a form satisfactory to the Town, which contains the address of Property, type of device, manufacturer, serial number and size of the device, the test date, the Qualified Person printed name, the Qualified Person Cross Connection Control Specialties certificate number and the printed name of the Qualified Company;

“Building” shall have the same meaning as set out in the Building Code Act;

“Building Code Act” means the Ontario Building Code Act, 1992, S.O. 1992, c. 23;

“Town” means the Corporation of the Town of Carleton Place, including its Municipal Law Enforcement Officers and its designated representatives;

“Cross Connection” means any actual or potential connection between a Potable Water System and any source of potential pollution or contamination;

“Cross Connection Control Specialist” means an individual who is recognized as such, and who shall have completed and passed an Ontario Water Works Association endorsed Cross Connection Control Specialist Course or equivalent at an accredited school or college and shall have a current certificate issued by the accrediting association;

“CSA Standard” means the Canadian Standards Association B64.10/B64.10.1 - Selection and installation of backflow preventers/Maintenance and field testing of backflow preventers;

“Double Check Valve Assembly” means a Backflow Preventer that consists of two force-loaded, independently acting check valves and two resilient-seated shut-off valves located at each end and is fitted with resilient-seated test ports;

“Drinking Water” means drinking water as defined in subsection 2(1) of the Safe Drinking Water Act, 2002, S.O. 2002, c. 32;

“Dual Check Valve” means a Backflow Preventer that consists of two force-loaded, soft-seated check valves in series with no relief port or test ports included;

“Emergency” means a situation or an impending situation that could negatively affect the quality of Potable Water or constitutes danger to the Municipal Drinking Water System;

“Fire Service Connection” means a pipe that is connected to the Municipal Drinking Water System and that is located on a Property that conveys Potable Water from the Municipal Drinking Water System to a Parcel of Land for firefighting purposes;

“Information Request Form” means a document, prescribed by the Town, which includes details regarding the Owner of the Property and their primary contact information, as well as information about any tenant(s) and business activities occurring on the Property;

“Minor Hazard” means any type of Cross Connection or potential Cross Connection that involves a substance that constitutes only a nuisance and that results in reduction in only aesthetic qualities of the water as defined by the CSA Standard;

“Moderate Hazard” means any Minor Hazard connection that has a low probability of becoming a Severe Hazard and includes, but is not limited to, connections involving water where the aesthetic qualities of the water have been reduced and, under certain conditions can create a danger to health as defined by the CSA Standard;

“Municipal Act” means the Municipal Act, 2001, S.O. 2001, c. 25;

“Municipal Drinking Water System” means the drinking-water system as defined by subsection 2(1) of the Safe Drinking Water Act, 2002, S.O. 2002, c. 32;

“Municipal Law Enforcement Officer” means an employee of the Town that is appointed to enforce the provisions of the Town’s By-laws;

“Ontario Building Code” means Ontario Regulation 332/12 made under the Building Code Act;

“Owner” means a Person that has control over a Property and includes the Owner registered on the title of the Property and any occupant of any Building or Structure located on such Property;

“Parcel of Land” means a lot or block within a registered plan of subdivision;

“Person” means an individual, Owner, association, partnership, firm or

corporation, as applicable;

“Potable Water” means water that is safe for human consumption and that complies with section 10 of the Safe Drinking Water Act, 2002, S.O. 2002, c. 32;

“Premise Isolation” means Backflow protection provided at the entrance to a Building or Property;

“Property” includes a house, Building, Structure, land, lot or any part of a house, Building, Structure, land or lot within the Town which receives Potable Water supplied by the Town;

“Qualified Company” means a company registered to the Backflow Prevention Program and possessing all up-to-date required qualifications;

“Qualified Person” means a Person with approved qualifications as set out in the Authorized Function List and currently employed by a Qualified Company;

“Reduced Pressure Principle Assembly” means a Backflow Preventer that consists of a mechanically independently acting, hydraulically dependent relief valve located in a chamber between two independent operating, force-loaded check valves and two resilient-seated shut-off valves located at each end and is fitted with resilient-seated test ports;

“Service Connection” means the connection between the Municipal Drinking Water System and a user’s system;

“Severe Hazard” means any type of Cross Connection or potential Cross Connection involving water that has additives or substances that, under any concentration, can create a danger to health, as defined by the CSA Standard;

“Structure” means anything that is erected which requires location on the ground or attached to something having a location on the ground, but does not include swimming pools constructed not more than 0.3 meters above finished grade;

“Temporary Water Service Connection” means a metered connection to the Municipal Drinking Water System created for the purpose of construction or other temporary purpose and removed upon completion of the Structure or purpose;

“Water Meter” means all equipment installed for the purpose of measuring the water supplied by the Town;

“Water Meter Application” means a form prescribed by the Town to request a Water Meter to be rented or purchased.

- 3.2 In the event of a conflict between the provisions of this By-law and the provisions of any other By-law, Act or regulation, the provisions that are

the most restrictive shall prevail.

- 3.3 Where a court of competent jurisdiction declares any section or part of a section of this By-law invalid, the remainder of this By-law shall continue to be in force unless the court makes an order to the contrary.
- 3.4 Any reference in this By-law to any statutes, regulations, By-laws, or association standards shall be deemed to be a reference to such statutes, regulations By- laws, or association standards as amended, restated or replaced.

4. BACKFLOW PREVENTION

- 4.1 No Person shall directly or indirectly connect, permit, cause to be connected, or allow to remain connected, any piping, fixture, fitting, container, appliance, or equipment to the Municipal Drinking Water System, or any other connection which may under any circumstance allow any substance other than Potable Water to enter the Municipal Drinking Water System, except in compliance with the provisions of this By-law.
- 4.2 No Person shall directly or indirectly connect, permit, cause to be connected, or allow to remain connected, a well to the Municipal Drinking Water System.

5. OWNERS' RESPONSIBILITIES

- 5.1 Within thirty (30) days of receiving a notice from the Town requesting a completed Information Request Form, every Owner of a Property shall complete and submit said form to the Town.
- 5.2 Every Owner shall install a Backflow Preventer as required by the Building Code Act for new Buildings, for each new water Service Connection, and when so directed by the Town.
- 5.3 At the Owner's expense, every Owner is required to apply and obtain a Building Permit prior to the installation, replacement, relocation or removal of a Backflow Preventer when so directed by the Town.
- 5.4 Every Owner of Property shall ensure all Backflow Preventers are in proper working order at all times.
- 5.5 Upon receiving a Backflow Prevention Program notice from the Town, every Owner of a Property shall comply with the requirements set out therein.
- 5.6 Every Owner shall ensure that all Authorized Functions are completed by a Qualified Company that is qualified to complete such tasks as set out in the Authorized Function List.

6. PERSONS PERMITTED

- 6.1 No Person shall carry out any Authorized Functions unless he/she

has the necessary qualifications as set out in the Authorized Function List, and, if applicable, subsection 6.3 below.

- 6.2 No Person shall permit any other Person in its employ, or agent acting on its behalf, to carry out any Authorized Functions said employee/agent has the necessary qualifications as set out in the Authorized Function List, and, if applicable, subsection 6.3 below.
- 6.3 In addition to required qualifications listed in the Authorized Function List, those permitted to perform the testing of Backflow Preventer shall also have and submit proof of the following qualifications in a form satisfactory to the Town:
 - 6.3.1 Current and valid documentation establishing his or her professional qualifications, as set out in the Authorized Function List;
 - 6.3.2 Current calibration certificate for the test equipment issued within the twelve (12) months prior to date of submission of a Backflow Preventer Test and Inspection Report;
 - 6.3.3 Proof of Commercial General Insurance with minimum \$2 million coverage;
 - 6.3.4 Adequate insurance requirements to perform the work; and
 - 6.3.5 Copy of current Backflow Preventer Test Tag.

7. INSTALLATION REQUIREMENTS

- 7.1 Except as otherwise set out in this By-law, every Owner shall ensure a Backflow Preventer is installed in respect of Premise Isolation for each Structure or Building to which Potable Water is delivered:
 - 7.1.1 Backflow Preventers installed in respect of Premise Isolation shall be determined in accordance with Schedule 'B' of this By-law.
- 7.2 Where a Backflow Preventer is installed in respect of Premise Isolation such device shall be located before the first branch line leading off the water supply line and not more than three (3.0) metres downstream of the Water Meter, except where circumstances require the device to be installed upstream of the Water Meter and such location is to the satisfaction of the Town.
- 7.3 Backflow Preventers shall be installed by a Qualified Person in accordance with good engineering and construction practices, manufacturer's specifications and meet the requirements of the Ontario Building Code and the CSA Standard.
- 7.4 The Owner shall ensure that all Backflow Preventers are:
 - 7.4.1 Located and installed in a such a manner so that in the event of Backflow the Backflow Preventer prevents contamination of the Municipal Drinking Water System;

7.4.2 Installed in readily accessible areas to facilitate inspection, field testing and maintenance while complying with the minimum and maximum clearances around the Backflow Preventer as outlined in the CSA Standard;

7.4.3 Supported and restrained to prevent lateral movement; and

7.4.4. Not bypassed.

7.5 Where a Backflow Preventer is installed in areas subject to freezing, the Owner shall ensure it is protected from freezing in a manner acceptable to the Town.

7.6 Where a Double Check Valve Assembly is installed underground, the Owner shall ensure that all test ports are sealed water-tight.

7.7 Where a Reduced Pressure Principle Assembly is installed, the Owner shall ensure the atmospheric port is open to atmosphere and not directly connected to a drain.

7.8 All piping between the Water Meter and the Backflow Preventer is clearly and permanently labelled "no connections permitted".

8. AUXILIARY WATER SUPPLY

8.1 No Person shall connect, cause or permit to be connected, or allow to remain connected any Auxiliary Water Supply to the Municipal Drinking Water System without the consent of the Town.

9. FIRE SERVICE ISOLATION

9.1 When notified by the Town, Owners are required to install a Backflow Preventer in respect to Premise Isolation of the Fire Service Connection.

9.2 All Owners shall ensure that the Backflow Preventer is in accordance with the Ontario Building Code, the Ontario Fire Code and the CSA Standard.

10. TESTING REQUIREMENTS

10.1 Every Owner who has a Backflow Preventer installed on their Property shall ensure that:

10.1.1 Such device is tested when it is first installed and annually thereafter unless a different timeframe is requested by the Town, as well as when it is cleaned, repaired, overhauled or relocated;

10.1.2 The completed Backflow Preventer Test and Inspection Report is submitted to the Town within 14 days of the test being conducted;

10.1.3 A legibly marked Backflow Preventer Test Tag is affixed to the Backflow Preventer; and

10.2 When a new connection to the Municipal Drinking Water System is made, a Qualified Person shall complete and submit a Backflow Preventer Test and Inspection Report prior to the request for the turning on of the water

valve by the Town.

10.3 Every Qualified Person who tests a Backflow Preventer shall:

- 10.3.1 Ensure that all testing is in accordance with this By-law and the CSA Standard;
- 10.3.2 Within 14 days of carrying out such test, provide a Backflow Preventer Test and Inspection Report to the Town and Owner;
- 10.3.3. Upon completing such test, complete and affix a Backflow Preventer Test Tag in a form satisfactory to the Town;
- 10.3.4 Upon finding that a Backflow Preventer is malfunctioning, or otherwise not in proper working order, immediately notify the Owner, occupant of the Property and the Town of such condition.

11. CORRECTIVE ACTIONS

- 11.1 Every Owner shall take corrective actions to remedy the deficiencies identified on the Backflow Preventer Test and Inspection Report for their Property.
- 11.2 When a Backflow Preventer is found to be malfunctioning or not in proper working order, the Owner shall ensure all activities that may result in Backflow immediately cease and repair the device immediately.
- 11.3 If the device is unable to be repaired during the Backflow Preventer test, the Owner shall ensure the device is repaired within three (3) business days of the failed test.
- 11.4 Where a Backflow Preventer is installed, no Person shall remove, or cause, or permit the removal of the Backflow Preventer or part thereof unless the removal is:
 - 11.4.1 To facilitate the Emergency repair of the device and such device is replaced immediately after such repair is carried out, or
 - 11.4.2 To replace the Backflow Preventer with another that meets or exceeds the provisions of this By-law, or such removal is required to change Building functions with written notification having been received by the Town.
- 11.5 Within 14 days of implementing corrective actions, the Owner shall submit to the Town the Backflow Preventer Replacement Form.

12. APPLICATION OF CSA STANDARD

- 12.1 Except as otherwise set out in this By-law, the selection, installation, maintenance, and testing of Backflow Preventers required pursuant to this By-law shall be undertaken in accordance with the current CSA Standard.

13. DAMAGE TO MUNICIPAL DRINKING WATER SYSTEM

- 13.1 Any Person who receives water from the Municipal Drinking Water System and creates an illegal Cross Connection shall be liable for all costs associated with related work undertaken by the Town or its agents. Such costs may include, but are not limited to, the cost of investigation, disinfection, repairing or replacing any part of the system, to restore the Municipal Drinking Water System.

14. ADMINISTRATION AND ENFORCEMENT

- 14.1 Where an inspection is conducted by the Town, the Person conducting the inspection may:
- 14.1.1 Require the production for inspection of documents relevant to the inspection;
 - 14.1.2 Inspect and remove documents relevant to the inspection for the purpose of making copies or extracts;
 - 14.1.3 Require information from any Person concerning a matter related to the inspection;
 - 14.1.4 Alone or in conjunction with a Person possessing special or expert knowledge, make examination or take tests, samples or photographs necessary for the purposes of the inspection; and
 - 14.1.5 Undertake an inspection pursuant to an order issued under Section 438 of the Municipal Act.
- 14.2 Where the requirements of this By-law are not met or a condition exists on any Property that may allow contamination of the Municipal Drinking Water System, then the Town may:
- 14.2.1 Issue and serve an order to the Owner requiring compliance with the requirements of this By-law and the eliminate of the condition which may allow contamination. Said order may prescribe the time period for compliance with such order;
 - 14.2.2 the work required to be completed pursuant to the order may include but is not limited to:
 - 14.2.2.1 An Information Request Form be completed and submitted to the Town;
 - 14.2.2.2 A Backflow Preventer Test and Inspection Report be completed and submitted to the Town;
 - 14.2.2.3 Taking corrective actions on deficiencies identified on the Backflow Preventer Device Test and Inspection Report for the Property;
 - 14.2.2.4 A Backflow Preventer be tested annually;
 - 14.2.2.5 A Backflow Preventer Test Tag be installed to a Backflow Preventer Device;
 - 14.2.2.6 A Building Permit be applied for and obtained prior to installation, relocation, replacement or removal of a Backflow Preventer; and
 - 14.2.2.7 Installation, repair, and/or replacement of a Backflow Preventer.

- 14.3 If a condition exists on a Property which the Town determines is an Emergency or a Severe Hazard to the Municipal Drinking Water System, the Town may immediately and without notice shut off the water supply to the Property or any portion thereof until the condition is eliminated to the satisfaction of the Town.
- 14.4 Wherever this By-law directs or requires any work to be done, in default of it being done by the Person directed to do it, such work may be done by the Town or its agents at the expense of the Person and the Town may recover all expenses incurred in doing the work by action or by adding the costs to the tax roll and collecting them in the same manner as taxes.
- 14.5 In addition to any other provision of this By-law, the Town may at any time issue an order to an Owner to conduct tests, provide reports and undertake any other measure required for the elimination of a Cross Connection and the prevention of Backflow.
- 14.6. No Person shall hinder, obstruct, or attempt to hinder or obstruct the Town or other Person so authorized who is performing a duty or exercising a power under this By-law.
- 14.7 No Person shall refuse or neglect to give, produce or deliver any access, information, document or other thing that is requested by the Town carrying out an inspection, except in accordance with the Municipal Act.
- 14.8 No Person shall provide any false or misleading information to the Town, its agents or contractors in the exercise of an activity, power or performance of a duty or administrative function under this By-law, including but not limited to any information provided or submitted on or with any application or in respect to any inspection or enforcement of this By-law.

15. ADMINISTRATIVE MONETARY PENALTIES

- 15.1 Instead of laying a charge under the Provincial Offences Act, R.S.O. 1990, c. P.33 for a breach of any provisions of this By-law, a Municipal Law Enforcement Officer may issue an administrative monetary penalty to the Person who has contravened this By-law.
- 15.2 If a Person is required to pay an administrative monetary penalty under subsection 17(1), no charge shall be laid against that same Person for the same violation.
- 15.3 The amount of the administrative monetary penalty for a breach under this By-law is listed in Schedule 'C'.
- 15.4 A Person who is issued an administrative monetary penalty shall be subject to the procedures provided for in the Administrative Monetary Penalties By-law.
- 15.5 An administrative monetary penalty imposed on a Person that becomes a debt to the Town under the Administrative Monetary Penalties By-law may

be added to the municipal tax roll and collected in the same manner as municipal taxes.

16. FINES

- 16.1 Every Person who contravenes or fails to comply with any provision of this By-law, including an order or notice issued under this By-law, is guilty of an offence.
- 16.2 Every director or officer of a corporation who knowingly concurs in the contravention of a provision of this By-law or fails to comply with a notice or order made under this By-law is guilty of an offence.
- 16.3 Every Person who is convicted of an offence under this By-law is liable to a fine as provided for in section 61 of the Provincial Offences Act, R.S.O. 1990, c. P.33
- 16.4 Every Person who contravenes any provision of this By-law is, upon conviction, guilty of an offence and is liable:
 - 16.4.1 On a first conviction, for each day or part of a day on which the offence occurs or continues, to a fine of not more than \$10,000; and
 - 16.4.2 On any subsequent conviction, for each day or part of a day on which the offence occurs or continues, to a fine of not more than \$25,000.
- 16.5 Despite subsection 16.4, where the Person convicted is a corporation:
 - 16.5.1 The maximum fine in paragraph 16.4.1 is \$50,000; and
 - 16.5.2 The maximum fine in paragraph 16.4.2 is \$100,000.
- 16.6 Any Person who contravenes a notice or order made under this By-law, or an officer or director of a corporation who knowingly concurs in such a contravention by the corporation, is guilty of a continuing offence and upon conviction is liable to a daily fine or penalty of a maximum of \$10,000 for each day or part of a day that the offence continues, and despite subsections 16.4.1 and 16.4.2, the total of all the daily fines imposed for an offence is not limited by the fine amounts listed in those subsections.
- 16.7 For purposes of this By-law, an offence is a second or subsequent offence if the act giving rise to the offence occurred after a conviction had been entered at an earlier date for the same offence.

17. FEES

- 17.1 Any fees and administrative costs associated with this By-law are non-refundable and are indicated in the Town's Fees and Charges By-law.

18. IMPLEMENTATION AND COMPLIANCE

- 18.1 Every Owner of an existing premise identified in Schedule B of this by-law shall install a Backflow Preventer within five (5) years of the enactment of this by-law.
- 18.2 Notwithstanding 18.1, whenever there is a discrepancy between this by-law and the Ontario Building Code, the regulations under the Ontario Building Code shall prevail.
- 18.3 Every Owner in receipt of an order shall install a Backflow Preventer within the timeframe specified on an order, but no later than ninety (90) calendar days.

19. GENERAL PROVISIONS

- 19.1 Where a timeframe is set out in this By-law for carrying out any action, the Town may extend the time for compliance beyond the established timeframe provided such extension is approved by the Town in writing.
- 19.2 The Authorized Function List and the CSA Standard shall form part of this By-law.

20. DESIGNATION OF BY-LAW

- 20.1 Schedule 1 of the Administrative Monetary Penalties By-law is hereby amended by including this By-law as a Designated By-law.

21. EFFECTIVE DATE & REPEAL OF PRIOR BY-LAW

- 21.1 This By-law comes into force on the day of its passing.

READ A FIRST TIME, SECOND TIME AND A THIRD TIME AND FINALLY PASSED THIS 24 DAY OF SEPTEMBER, 2024.

Toby Randall, Mayor

Stacey Blair, Clerk

Schedule 'A' - Authorized Function List

	Professional Engineer with Tester's Certificate	Certified Engineering Technologist with Tester's Certificate*	Licensed Master Plumber with Contractor and Tester's Certificate	Journeyman Plumber with Tester's Certificate**	Apprentice Plumber with Tester's Certificate***	Sprinkler & Fire Protection Installer with Tester's Certificate	Water Operator with Tester's Certificate
Install, relocate and/or replace Backflow Preventer			✓	✓	✓		
Install, relocate, replace, test and/or repair Backflow Preventer in respect to fire system			✓	✓	✓	✓	
Test and/or repair Backflow Preventer	✓	✓	✓	✓	✓		✓

* Required to be under the direction of a Professional Engineer

** Required to be employed by a Licensed Plumbing Contractor

*** Required to be employed by a Licensed Plumbing Contractor and under the supervision of a Journeyman Plumber or Master Plumber

Schedule 'B' - Premise Isolation Selection Guide

Type of Building or Water Use	Degree of Hazard
Aquarium (Public)	Severe
Asphalt Plant	Severe
Auto Body Shop	Severe
Automotive Repair Shop	Severe
Beverage Processing Plant	Severe
Blood Clinic	Severe
Campsite with RV Hook-ups or Dump-stations	Severe
Carwash	Severe
Chemical Plant	Severe
Concrete Plant	Severe
Dental Surgery Facility	Severe
Dry Cleaning Plant	Severe
Dye Plant	Severe
Film Processing Facility	Severe
Fire Hydrant (Temporary Water Purposes)	Severe
Fire Service (With Chemical Addition)	Severe
Fish Farms or Hatchery	Severe
Food Processing Plant	Severe
Funeral Home	Severe
Garbage Transfer Facility	Severe
Gas Station with Automotive Repair	Severe
Greenhouse	Severe
Hospital	Severe
Industrial Premises	Moderate to Severe
Institutional Premises (not including schools)	Moderate to Severe
Irrigation System (With Chemical Addition)	Severe
Laboratory	Severe
Laundry (Commercial)	Severe
Meat Packing Plant	Severe
Medical Clinic (Surgical)	Severe
Medical Laboratories	Severe
Milk Processing Plant	Severe
Mining Facility	Severe

Mortuary or Morgue	Severe
Motorcycle Repair Facility	Severe
Oil Refinery	Severe
Paint Manufacturing Plant	Severe
Petroleum Processing or Storage Facility	Severe
Pharmaceutical Manufacturing Facility	Severe
Photo Processing Facility	Severe
Plants Using Radioactive Material	Severe
Plastic Manufacturing Plant	Severe
Poultry Farm	Severe
Power Generating Facility	Severe
Printing Plant	Severe
Pulp or Paper Plant	Severe
Radiator Shop	Severe
Recycling Facility	Severe
Refinery, Petroleum Processing	Severe
Rendering Facility	Severe
Research Building	Severe
Slaughterhouse	Severe
Steam Plant	Severe
Steel Manufacturing Plant	Severe
Veterinary Clinic	Moderate to Severe
Waste Disposal Plant	Severe
Wastewater Treatment Plant	Severe
Water Filling Station	Severe
Zoo	Severe

Schedule 'C' - Offences and Corresponding Administrative Monetary Penalties

Section	Description of Offence	AMP Amount
4.1	Connect, permit, cause to be connected, or allow to remain connected an unprotected <i>Cross Connection</i> to the <i>Municipal Drinking Water System</i>	\$1000.00
4.2	Connect, permit, cause to be connected, or allow to remain connected a well to the <i>Municipal Drinking Water System</i>	\$1000.00
5	Failed to comply with a requirement under Section 5	\$350.00
6.1 8.1 12.1.2 12.2.2 13.5	Failed to provide a document within prescribed time	\$50.00
6.2	Failed to install a <i>Backflow Preventer</i> when required	\$500.00
6.3	Failed to apply and obtain a Building Permit	\$75.00
6.4	Failed to ensure <i>Backflow Preventer</i> is in proper working conditions	\$250.00
6.5	Failed to comply with a <i>Backflow Prevention Program</i> notice	\$50.00
6.6	Failed to ensure <i>Qualified Company</i> is permitted to complete <i>Authorized Function</i>	\$250.00
7	Failed to comply with a requirement under Section 7	\$300.00
9.1	Failed to ensure <i>Premise Isolation</i> of the <i>Structure</i> or <i>Building</i>	\$350.00
9.2	Failed to ensure <i>Backflow Preventer</i> installed in correct location	\$250.00
9.3	Failed to ensure <i>Backflow Preventer</i> installed correctly	\$250.00
9.4.1	Failed to ensure <i>Backflow Preventer</i> located and installed to prevent contamination of <i>Municipal Drinking Water System</i>	\$500.00
9.4.2	Failed to ensure <i>Backflow Preventer</i> installed in area to facilitate inspection, testing and maintenance while complying with minimum and maximum clearances	\$250.00
9.4.3	Failed to ensure <i>Backflow Preventer</i> is supported and restrained	\$200.00
9.4.4	Failed to ensure <i>Backflow Preventer</i> is not bypassed	\$500.00
9.5	Failed to ensure <i>Backflow Preventer</i> is protected from freezing conditions	\$200.00
9.6	Failed to ensure that all <i>Double Check Valve Assembly</i> test ports are watertight when located underground	\$200.00

9.7	Failed to ensure <i>Reduced Pressure Principle Assembly</i> atmospheric port is open to atmosphere or not connected to drain	\$200.00
9.8	Failed to ensure all piping between <i>Water Meter</i> and <i>Backflow Preventer</i> is properly labelled "no connections permitted"	\$75.00
10.1	Failed to ensure residential property with <i>Auxiliary Water Supply</i> is protected from <i>Backflow</i>	\$300.00
10.2	Connect, permit, cause to be connected, or allow to remain connected an <i>Auxiliary Water Supply</i> to the <i>Municipal Drinking Water System</i>	\$1000.00
11	Failed to comply with a requirement under Section 11	\$750.00
12.1.1	<i>Owner</i> failed to test a <i>Backflow Preventer</i>	\$250.00
12.1.3	<i>Owner</i> failed to ensure a <i>Backflow Preventer Test Tag</i> is attached	\$25.00
12.1.4	Failed to test <i>Backflow Preventer</i> prior to the water valve being turned on by the <i>Town</i>	\$250.00
12.2	<i>Qualified Company</i> failed to comply with a requirement under Section 12(2)	\$300.00
13.2	Failed to take required corrective actions identified on the <i>Backflow Preventer Test and Inspection Report</i>	\$250.00
13.3	<i>Owner</i> failed to repair a <i>Backflow Preventer</i>	\$200.00
13.4	Unauthorized removal of a <i>Backflow Preventer</i>	\$500.00
16.8	Hinder or obstruct the <i>Town</i> or other <i>Person</i> exercising a power under the By-law	\$150.00
16.9	Failed to provide access/information when requested by the <i>Town</i> , except as authorized by the <i>Municipal Act</i>	\$50.00
19.1	Failed to provide applicable fee within prescribed time	\$50.00
20.1	<i>Owner</i> failed to install <i>Backflow Preventer</i> within prescribed time	\$500.00