

By-Law Number 14-013

of

The Regional Municipality of Waterloo

A By-law to Regulate the Supply and Distribution of Water Within the Townships of North Dumfries and Wellesley

Whereas The Regional Municipality of Waterloo has jurisdiction over the distribution of water within the Townships of North Dumfries and Wellesley pursuant to section 189 of the “Municipal Act, 2001”, S.O. 2001, c.25, as amended, and By-law 05-004 of The Regional Municipality of Waterloo;

And Whereas The Regional Municipality of Waterloo may pass by-laws respecting its jurisdiction over the distribution of water within the Townships of North Dumfries and Wellesley pursuant to section 11 of the “Municipal Act, 2001”, S.O. 2001, c.25, as amended;

And Whereas The Regional Municipality of Waterloo wishes to regulate the time, manner, extent and nature of the supply and distribution of water, the building or person to which and to whom the water shall be furnished and every other matter or thing related to or connected therewith that may be necessary or proper to regulate, in order to secure to the inhabitants of the Townships of North Dumfries and Wellesley a continued and abundant supply of pure and wholesome water;

Now Therefore, the Council of The Regional Municipality of Waterloo enacts as follows:

Part I - Definitions

1. In this By-law,

- (1) “Auxiliary Water Supply” means any water well, cistern or other source, other than a Regional Water Distribution System, that provides a supply of water;
- (2) “Backflow Prevention Device” means a device that prevents the backflow of water and includes, but is not limited to, a reduced pressure principle assembly and a double check valve;
- (3) “Building Code” means Ontario Regulation 350/06, as amended, of the “Building Code Act”, 1992, S.O. 1992, c. 23, or any successor thereof;
- (4) “Commissioner” means the Commissioner of Transportation and Environmental Services of the Region, or any successor position, and his or her designate;
- (5) “Council” means the Council for the Region;
- (6) “CSA Standard” means the National Standard of Canada – CAN/CSA-B64.10-01 and Amendments – Manual for the Selection, Installation, Maintenance and Field Testing of Backflow Prevention Devices – Plumbing Products and Materials – A National Standard of Canada published in 1994 by the Canadian Standards Association or any successor thereof;

- (7) "Detector Check Valve" means a single check valve assembly as prescribed in the CSA Standard for fire prevention systems only;
- (8) "Fire Hydrant" means a fire hydrant that is connected to the Regional Water Distribution System;
- (9) "Fire Service" means a fire sprinkler or similar system that is activated and used in the event of a fire;
- (10) "multi-residential" means a building or property that has three or more self-contained residential units;
- (11) "Municipal Act, 2001" means the "Municipal Act", 2001, S.O. 2001, c. 25, as amended, or any successor legislation thereto;
- (12) "Municipal Service" means that part of the Water Service from the water main up to and including the Municipal Valve;
- (13) "Municipal Valve" means a valve that controls the flow of water within the Regional Water Distribution System or from the Regional Water Distribution System to a Private Service or a Fire Hydrant and includes any box that the valve is located within;
- (14) "owner" means the person or persons who are the registered owner or owners on title to the property;
- (15) "Planning Act" means the "Planning Act", R.S.O. 1990, P. 13, as amended, or any successor legislation thereto;
- (16) "Private Service" means that part of the Water Service from the Municipal Valve to the building or buildings receiving water;
- (17) "Region" means The Regional Municipality of Waterloo;
- (18) "Regional Standards" means Region of Waterloo and Area Municipal Design Guidelines and Supplemental Specifications for Municipal Services (DGSSMS) or any successor thereto;
- (19) "Regional Water Distribution System" means the water distribution system, which includes, but is not limited, to all water mains, Municipal Services and Municipal Valves, that are owned by or are under the jurisdiction of the Region within the Townships of North Dumfries and Wellesley;
- (20) "Remote Reader" means a remote device used to record the quantity of water from a Water Meter;
- (21) "Tester" means a person who is a certified backflow prevention device tester and who has successfully completed a cross connection course in backflow prevention device testing at an accredited school or college as defined in the CSA Standard;
- (22) "Test Report" means the report as attached as Schedule "A" to this By-law;
- (23) "Treasurer" means the Treasurer of the Region, or any successor position, and his or her designate;
- (24) "Water Meter" means an apparatus or device for measuring the quantity of water;

(25) "Water Rate" means the unit price for the consumption of water on an ongoing basis from the Regional Water Distribution System as determined from time to time by the Council for the Region; and

(26) "Water Service" means the permanent pipe, equipment and devices that carry water from a water main that is part of the Regional Water Distribution System to a building or buildings upon a private property or a property not owned by the Region.

Part II - Prohibitions

2. Except as permitted in this By-law, no person shall, and no owner or person who occupies or has possession of a property shall cause or permit a person to:
 - (1) make a permanent or temporary water connection to the Regional Water Distribution System;
 - (2) make a disconnection to the Regional Water Distribution System;
 - (3) alter, damage or interfere with the Regional Water Distribution System or any part of the Regional Water Distribution System;
 - (4) open or close any Municipal Valve, or place any building, structure, rocks, stones, concrete, asphalt, blocks, bricks, soil, vegetation, ground cover or other similar objects over any Municipal Valve, or otherwise obstruct access to any Municipal Valve;
 - (5) remove a Backflow Prevention Device that is required to be installed and maintained pursuant to this By-law unless such removal is to:
 - (a) facilitate the repair of the Backflow Prevention Device and the Backflow Prevention Device is replaced immediately after such repair is carried out; or
 - (b) replace the Backflow Prevention Device with another Backflow Prevention Device that meets or exceeds the provisions of this By-law;
 - (6) remove, alter or damage any permanent or temporary Water Meter, or any seal thereon, that has been installed upon a pipe that is connected directly or indirectly to the Regional Water Distribution System;
 - (7) install any pipe or other device that causes water from the Regional Water Distribution System to by-pass any installed Water Meter;
 - (8) obstruct access to any permanent or temporary Water Meter that has been installed upon a pipe that is connected directly or indirectly to the Regional Water Distribution System or to any Remote Reader that has been installed for such a Water Meter;
 - (9) open or close any Fire Hydrant, or place any building, structure, material, rubbish or other objects on any Fire Hydrant, or place any building, structure, material or vegetation, except grass, within one metre of any Fire Hydrant, or otherwise obstruct access to any Fire Hydrant, unless the person is a member of a municipal fire department; or
 - (10) use any water pressure of the Regional Water Distribution System to power any turbines or similar devices.

Part III – Permanent Water Connection

3. (1) An owner of a property may apply to the Region for a permanent water connection to the Regional Water Distribution System and the Commissioner may grant such an application if the Commissioner is satisfied that there is sufficient water capacity in the Regional Water Distribution System to supply the property and the intended use with water.
 - (2) Any application made pursuant to subsection (1) of this section shall include:
 - (a) the class of occupancy of the property;
 - (b) the intended use of the water;
 - (c) the estimated quantity of water required for the property, supported by water requirement calculations if the water connection is for, in whole or in part, a commercial, industrial, institutional or multi-residential purpose;
 - (d) a plan of the building showing the interior piping if the water connection is for, in whole or in part, a commercial, industrial, institutional or multi-residential purpose;
 - (e) the desired location and size of the Water Service and Water Meter required;
 - (f) whether waste water from the property will be disposed of through a municipal or private system;
 - (g) any other information that the Commissioner requires to determine if there is sufficient water capacity in the Regional Water Distribution System to supply the property and the intended use with water; and
 - (h) any fee as prescribed by Council.
 - (3) The Commissioner may impose terms and conditions upon any permanent water connection, including but not limited to the exact location of any Water Meter and Remote Reader, which the Commissioner deems necessary in order to ensure the proper operation of the Regional Water Distribution System and the owner of the property that received the permanent water connection, and any subsequent owners of the property thereafter, shall comply with all such terms and conditions.
4. (1) Where the Commissioner is satisfied that there is sufficient water capacity in the Regional Water Distribution System to supply the property and the intended use with water, the Commissioner shall determine the estimated cost for the Region to install the Municipal Service, if applicable, and the Commissioner shall require that the applicant provide security for this estimate, plus 25 per cent of the estimate for any contingency, in a form satisfactory to the Commissioner, before the water connection is commenced.
 - (2) The estimate in subsection (1) of this section may include the cost of labour, site supervision, machinery and parts of the Region, and any contractor to be retained by the Region, to complete the installation of the Municipal Service.
 - (3) When the installation of the Municipal Service is complete, the Commissioner shall establish the exact cost thereof, and the Commissioner shall either refund any excess monies from the security to the applicant or require that the applicant pay any outstanding balance, as the case may be.

- (4) The Commissioner shall determine the location of the Municipal Service based on the criteria of using the shortest and most convenient location for the Region.
 - (5) Notwithstanding subsections (1), (2) and (3) of this section, the Commissioner may allow the owner of the property to install the Municipal Service by using the owner's own contractor provided that the owner meets all of the terms and conditions imposed by the Commissioner.
 - (6) This section shall apply notwithstanding any other fees and charges by-law of the Region that relates to Municipal Services that are to be constructed after the date this By-law comes into effect pursuant to subsection 50(1) of this By-law.
5. (1) The applicant shall install the Private Service at its own cost.
 - (2) No Private Service shall be less than 19 millimetres in diameter.
 - (3) The applicant shall ensure that the Private Service is:
 - (a) installed by a licensed plumber;
 - (b) two metres or more below ground level; and
 - (c) properly connected to the Municipal Service in accordance with Regional Standards.
 - (4) In the case of a Private Service that is 100 millimetres or larger in diameter, the applicant shall install flushing ports and the plumber that installed the Private Service shall carry out a swabbing and testing procedure to determine the levels of chlorine residuals and bacteriological counts and the results of such tests shall be provided to the Commissioner in writing. The installation of flushing ports, the swabbing and testing of Private Services and all test results shall be carried out and assessed in accordance with Regional Standards.
6. The Commissioner may turn on the Municipal Valve for the applicant's property after:
 - (1) all of the conditions pursuant to this Part and Parts V and VI of this By-law have been fully satisfied; and
 - (2) the applicant has paid all applicable fees or satisfied all applicable conditions that have been imposed by any fees and charges by-law of the Region specifically in relation to the property.
 7. This Part shall apply with necessary modification if any owner of a property that is connected to the Regional Water Distribution System wishes to alter the location or size of its Water Service or to disconnect its Water Service on a permanent basis.
 8. Where a property is subject to a plan of subdivision and the Region is to assume any water works pursuant to the *Planning Act*, then any water connection to the Regional Water Distribution System shall be carried out in accordance with Regional Standards and this Part shall not apply.

Part IV – Temporary Water Connection

9. (1) Any person may apply to the Region for a temporary water connection to the Regional Water Distribution System to carry out a temporary construction, commercial, industrial or recreational activity and the Commissioner may grant such an application if the Commissioner is satisfied that the intended activity satisfies this subsection and there is sufficient water capacity in the Regional Water Distribution System to supply the temporary use with water.

- (2) Any application made pursuant to subsection (1) of this section shall include:
 - (a) the location of the temporary water connection;
 - (b) the reason for the temporary water connection;
 - (c) the time period for temporary water connection;
 - (d) the estimated quantity of water required for the temporary use; and
 - (e) any fee as prescribed by Council.
 - (3) Notwithstanding subsection (1) of this section, the Commissioner shall not grant an application for the purpose of filling a private swimming pool.
 - (4) The Commissioner may impose terms and conditions upon any temporary water connection which the Commissioner deems necessary in order to ensure the proper operation of the Regional Water Distribution System and the applicant who received the temporary water connection shall comply with all such terms and conditions.
 - (5) Without limiting subsection (4) of this section, the Commissioner may impose conditions related to:
 - (a) the location of the temporary water connection;
 - (b) the duration of the temporary water connection;
 - (c) the amount of water to be consumed as part of the temporary water connection; and
 - (d) the weather conditions under which the temporary water use may be made.
10. (1) Where the Commissioner is satisfied that there is sufficient water capacity in the Regional Water Distribution System to supply the temporary water use, the Commissioner shall determine the estimated cost for the Region to install and disconnect any temporary Water Meter and back flow prevention device and the estimated cost to supply the water based upon the applicable Water Rate and the Commissioner shall require that the applicant provide security for this estimate, plus 25 per cent of the estimate for any contingency, in a form satisfactory to the Commissioner, before the temporary water connection is commenced.
- (2) After the temporary water connection is completed, the Commissioner shall establish the exact cost thereof, and the Commissioner shall either refund any excess monies from the security to the applicant or require the applicant to pay any outstanding balance, as the case may be.
11. The Commissioner may turn on the temporary connection after all of the conditions pursuant to this Part and Part V of this By-law have been fully satisfied.

Part V – Backflow Prevention Devices

12. (1) Every owner of a property, and every person who occupies or has possession of a property, that is connected to a Regional Water Distribution System shall ensure that a Backflow Prevention Device is installed and maintained at the source of the connection to the Regional Water Distribution System in accordance with the requirements of this By-law.
 - (2) Subsection (1) of this section shall not apply to a property that is solely comprised of a residential home, or homes, that is, or are, less than three (3) stories in height, exclusive of any basement.
13. Every owner of a property, and every person who occupies or has possession of a property, that has an Auxiliary Water Supply or a Fire

Service that is connected directly or indirectly to a Regional Water Distribution System shall ensure that a Backflow Prevention Device is installed and maintained at the source of the connection to the Regional Water Distribution System in accordance with the requirements of this By-law.

14. Every Backflow Prevention Device that is required pursuant to this By-law shall be testable to determine if the Backflow Prevention Device is functioning properly.
15. (1) Subject to subsection (2) of this section, every Backflow Prevention Device that is required pursuant to this By-law shall be appropriate for the connection to the Regional Water Distribution System and shall be determined using the Selection Guide in the CSA Standard.

(2) Notwithstanding subsection (1) of this section, the Commissioner may require that a particular Backflow Prevention Device be used in respect of any connection to a Regional Water Distribution System if the Commissioner determines that the particular Backflow Prevention Device is appropriate based on the Commissioner's assessment and interpretation of the Selection Guide in the CSA Standard.
16. Every Backflow Prevention Device that is required pursuant to this By-law shall be installed:
 - (1) in a building or structure so as to prevent the Backflow Prevention Device from freezing;
 - (2) in accordance with acceptable engineering practices and the requirements of the Building Code, the manufacturer's installation guide and the CSA Standards;
 - (3) in such a manner so that the Backflow Prevention Device prevents backflow into the Regional Water Distribution System;
 - (4) within a maximum of 3.0 metres downstream of the Water Meter, except where circumstances require the Backflow Prevention Device to be installed upstream of the Water Meter and such location is to the written satisfaction of the Commissioner; and
 - (5) so that all piping between the Water Meter and the Backflow Prevention Device is clearly labeled "No Connection Permitted."
17. Every Backflow Prevention Device that is required pursuant to this By-law shall be in proper working order at all times.
18. Every Backflow Prevention Device that is required pursuant to this By-law shall be tested by a Tester in accordance with the CSA Standard and the test procedures as set by the American Water Works Association:
 - (1) when it is first installed and annually thereafter;
 - (2) after it is cleaned, repaired, overhauled or relocated; and
 - (3) if requested in writing by the Commissioner because the Commissioner believes that an incident, change or other circumstance may have impacted the proper functioning of the Backflow Prevention Device.
19. Every person who is required to install and maintain a Backflow Prevention Device pursuant to this By-law and to have a test conducted pursuant to section 18 of this By-law shall deliver a completed Test

Report, as well as any fee prescribed by Council, to the Commissioner within 14 calendar days of the test.

20. Every person who is required to install and maintain a Backflow Prevention Device pursuant to this By-law shall ensure that any defects or deficiencies as listed in a Test Report are immediately repaired or rectified.
21. Every person who is required to install and maintain a Backflow Prevention Device pursuant to this By-law shall take all steps necessary to prevent damage to the Backflow Prevention Device.
22. Every person who is in the process of repairing or replacing a Backflow Prevention Device shall ensure that the connection to the Regional Water Distribution System is turned off.

Part VI – Water Meters

23. (1) Every owner of a property, and every person who occupies or has possession of a property, that is connected to the Regional Water Distribution System shall ensure that a Water Meter is connected, installed and maintained at the source of the water connection to the Regional Water Distribution System.
 - (2) Notwithstanding subsection (1) of this section, a Water Meter is not required to be installed on a Fire Service that is connected directly or indirectly to the Regional Water Distribution System if the Fire Service is only used to supply water for a fire and, if the Fire Service is connected indirectly to the Regional Water Distribution System, a Detector Check Valve is installed at the source of the Fire Service.
 - (3) Every person that is required to have a Water Meter pursuant to this section shall ensure that:
 - (a) the placement of the Water Meter is in a location and structure that is accessible and that prevents damage to the Water Meter through freezing or other means;
 - (b) the Water Meter is installed in the building nearest to the water main that supplied water to the property if the property has more than one building that is supplied with water or the Water Meter is installed in a chamber that is within 10 metres of a municipal street if no building that is supplied with water is within 30 metres from a municipal street; and
 - (c) the Water Meter has a Remote Reader that is connected, installed and maintained in an accessible location that is outside any building or chamber.
 - (4) Every person that is required to have a Water Meter and Remote Reader pursuant to this section shall rent the Water Meter and Remote Reader from the Region based upon a fee as prescribed by Council.
24. Every person that has been granted a temporary water connection to the Regional Water Distribution System pursuant to this By-law shall ensure that a Water Meter is connected, installed and maintained in good working order at the source of the water connection in a location that is accessible and that prevents damage to the Water Meter through freezing or other means.
 25. Every person that rents a Water Meter and Remote Reader from the Region pursuant to this By-law shall allow the Region during regular business hours to repair or replace such Water Meter and Remote Reader when the Region deems such to be necessary.

Part VII – Private Service Maintenance

26. Every owner of a property, and every person who occupies or has possession of a property, that is connected to the Regional Water Distribution System shall ensure that the Private Service is maintained in a good state of repair at all times.
27. Every owner of a property, and every person who occupies or has possession of a property, that is connected to the Regional Water Distribution System shall immediately notify the Commissioner of any water leak or suspected water leak in the Private Service.

Part VIII – Water Charges

28. (1) Every owner of a property that is connected to the Regional Water Distribution System shall pay the Region the amount owing in each invoice for the consumption of water to the property as well as any other fees and charges in relation thereto.
- (2) Every applicant that has received a temporary water connection to the Regional Water Distribution System shall pay the Region the amount owing in each invoice for the consumption of water as well as any other fees and charges in relation thereto.
29. (1) Where water from the Regional Water Distribution System is supplied and the quantity of water has not been properly determined, in whole or in part, by a Water Meter then the quantity of water consumed during such period shall be estimated by the Commissioner and the Region shall render an invoice to the owner or applicant accordingly.
- (3) Any estimate by the Commissioner pursuant to subsection (1) of this section shall be based on either the average consumption for the property or temporary water connection during prior applicable time periods when a Water Meter was fully operational or the average water consumption for a similar property, occupants and use during the applicable periods.
30. Every owner of a property that is connected to the Regional Water Distribution System shall notify the Treasurer 72 hours before the owner transfers ownership of the property so that the Region can take a final reading of the Water Meter for the owner.

Part IX – Property Taxes

31. The Commissioner shall have all necessary authority to request that the treasurer of the Corporation of North Dumfries or Wellesley, as applicable, add any outstanding fees and charges owing pursuant to this By-law to the tax roll to the property that was connected to the Regional Water Distribution System to which the water was supplied and collect them in the same manner as municipal taxes.

Part X - Shut Off of Water

32. (1) The Commissioner may cause the reduction or shut off of the supply of water from the Regional Water Distribution System on 14 calendar days notice if:

- (a) the water connection was not made in accordance with the terms of this By-law;
 - (b) a Water Meter, Remote Reader or Backflow Prevention Device is not connected, installed and maintained in accordance with the terms of this By-law;
 - (c) there is a water leak in the Private Service that is less than the estimated volume of 1.5 litres per second as determined by the Commissioner; or
 - (d) an invoice for the supply of water pursuant to this By-law has not been paid in full after the due date shown on the invoice.
- (2) The Commissioner may cause the shut off of the supply of water from the Regional Water Distribution System without prior notice if:
- (a) there is a water leak in the Private Service that exceeds the estimated volume of 1.5 litres per second as determined by the Commissioner;
 - (b) there is a breach of any term or condition for a temporary water connection; or
 - (c) there is a risk to the health or safety of any person as determined by the Commissioner.
- (3) Any notice required pursuant to this section shall be served by personal service or by prepaid mail or by posting the notice on the property in a conspicuous location.

Part XI - Work Order

33. (1) If the Commissioner is satisfied that a contravention of this By-law has occurred, the Commissioner may make an order requiring the person who contravened the By-law or who caused or permitted the contravention or the owner or occupier of the property on which the contravention occurred to do work to correct the contravention.
- (2) An order under subsection (1) of this section shall set out,
- (a) reasonable particulars of the contravention adequate to identify the contravention and the location of the property on which the contravention occurred; and
 - (b) the work to be done and the date by which the work must be done.
- (3) An order under subsection (1) of this section may require work to be done even though the facts which constitute the contravention of the By-law were present before the By-law making them a contravention came into force.
34. (1) The Commissioner may, in default of it being done by the person directed or required to do it pursuant to an order under section 33 of this By-law, have the matter or thing done at the person's expense.
- (2) For the purposes of subsection (1) this section, the Commissioner may enter upon land at any reasonable time.
- (3) The Commissioner may recover the costs of doing a matter or thing under subsection (1) of this section from the person directed or required to do it by action or by adding the costs to the tax roll and collecting them in the same manner as property taxes.
- (4) The costs include interest as prescribed by Council calculated for the period commencing on the day the Commissioner incurs the costs and ending on the day the costs, including the interest, are paid in full.

Part XII - Penalty

35. Every person who contravenes a provision of this By-law, and every director or officer of a corporation who knowingly concurs in the contravention, is guilty of an offence and upon conviction is liable,
 - (1) on a first conviction, to a minimum fine of \$100 and a maximum fine of \$1,000; and
 - (2) on any subsequent conviction, to a minimum fine of \$250 and a maximum fine of \$10,000.
36. Notwithstanding section 35 of this By-law, every person who contravenes section 2 of this By-law or an order made pursuant to section 33 of this By-law, and every director or officer of a corporation who knowingly concurs in the contravention, is guilty of a continuing offence and upon conviction is liable to a minimum fine of \$100 and a maximum fine of \$1,000 for each day or part of a day that the offence continues.
37. If this By-law is contravened and a conviction is entered, in addition to any other remedy and to any penalty imposed, the court in which the conviction was entered and any court of competent jurisdiction thereafter may make an order,
 - (1) prohibiting the continuation or repetition of the offence by the person convicted; and
 - (2) requiring the person convicted to correct the contravention in the manner and within the period that the court considers appropriate.

Part XIII - Administration

38. The Regional Water Distribution System shall be operated in accordance with this By-law, the Regional Standards and all other applicable by-laws and legislation.
39. The Commissioner shall take such measures as are necessary and proper to ensure an adequate and continuous supply of water from the Regional Water Distribution System and to safeguard the quality thereof.
40. The Commissioner shall, in the case of an emergency, which may imperil the supply or quality of water, take such remedial action as may be necessary or proper, reporting thereon to Council as soon as it is practical. Remedial action may include limiting or stopping of the supply of water in any area or restricting the use of water for any specific purpose.
41. The Commissioner is authorized to do all things necessary or proper to administer this By-law.
42. The Commissioner, an employee of the Region or an agent of the Region may, in the course of performing their duties pursuant to this By-law, exercise any right of entry upon lands as provided in the "Municipal Act", 2001, or any other applicable legislation, or by-law of the Region.
43. The Commissioner shall have all necessary authority to prescribe any forms and rental terms for Water Meters and Remote Readers that are required for the purposes of this By-law.

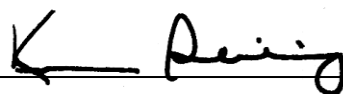
44. The Commissioner may delegate any administrative function pursuant to this By-law to an employee or agent of the Region.

Part XIV - General

45. This By-law may be enforced by the Commissioner, a municipal law enforcement officer as appointed by the Region or a police officer.
46. All remedies pursuant to this By-law are cumulative.
47. If any section or sections of this By-law or parts of it are found by any Court to be illegal or beyond the power of Council to enact, such section or sections or parts of it shall be deemed to be severable and all other sections or parts of this By-law shall be deemed to be separate and independent and shall continue in full force.
48. This By-law may be cited as the "Water Distribution By-law."
49. The provisions of this By-law shall apply as necessary if there is any conflict with the by-laws of The Corporation of the Township of North Dumfries or The Corporation of the Township of Wellesley, as assumed by the Region, concerning the distribution of water in the respective municipalities.
50. (1) This By-law, with the exception of Part V, comes into force on the date of its final passage.
- (2) Part V of this By-law comes into force and effect on October 1, 2014.

By-law read a first, second and third time and finally passed in the Council Chamber in the Regional Municipality of Waterloo this 19th day of March, A.D., 2014.


Regional Clerk


Regional Chair

Schedule "A"



Region of Waterloo

REGION OF WATERLOO BACKFLOW PREVENTION DEVICE TEST REPORT

BACKFLOW PREVENTION PROGRAM
MANNHEIM WATER TREATMENT PLANT - 2069 OTTAWA STREET SOUTH, KITCHENER, ON N2E 3K3
(519) 575-4400 OR waterops@regionofwaterloo.ca

BACKFLOW PREVENTION ASSEMBLY TEST REPORT

Name of Property: _____ Commercial Residential

Street Address: _____

Contact Person: _____ PH: _____ FAX: _____

Location of Assembly: _____

Equipment or Zone Isolated: _____

Assembly	Manufacturer's Make	Model	Serial #	Size
----------	---------------------	-------	----------	------

New Installation PERMIT # _____

Existing Replacement Serial # of **OLD** Assembly: _____

Line Pressure at Time of Test _____ psi

TYPE OF ASSEMBLY: RPZ DCVA PVB

TEST INFORMATION: Initial Annual Retest Passed Failed

REDUCED PRESSURE BACKFLOW DEVICE			DOUBLE CHECK VALVE		
Check Valve #1 <input type="checkbox"/> Leaked <input type="checkbox"/> Closed Tight	Check Valve #2 <input type="checkbox"/> Leaked <input type="checkbox"/> Closed Tight	Differential Pressure Relief <input type="checkbox"/> Failed to Open <input type="checkbox"/> Opened at:	Check Valve #1 With Flow: <input type="checkbox"/> Leaked <input type="checkbox"/> Closed Tight Against Flow: <input type="checkbox"/> Leaked <input type="checkbox"/> Closed Tight	Check Valve #2 With Flow: <input type="checkbox"/> Leaked <input type="checkbox"/> Closed Tight Against Flow: <input type="checkbox"/> Leaked <input type="checkbox"/> Closed Tight	Pressure Vacuum Breaker Air Inlet Valve <input type="checkbox"/> Failed to Open <input type="checkbox"/> Opened at:
Press Diff #1 Check Shutoff Valve #1/2 <input type="checkbox"/> Leaked <input type="checkbox"/> Closed Tight	Press Diff #2 Check Shutoff Valve #1/2 <input type="checkbox"/> Leaked <input type="checkbox"/> Closed Tight				Check Valve <input type="checkbox"/> Leaked <input type="checkbox"/> Closed Tight PSI Diff Across Check:

Initial Test performed By: _____ Cert#: _____ Date (y/m/d): _____

Business Name: _____

Business Address: _____ Postal Code: _____

Business Phone: _____ Fax: _____

COMMENTS:

I CERTIFY THAT I HAVE TESTED THE ABOVE ASSEMBLY AND THAT IT MEETS THE PERFORMANCE REQUIREMENTS OUTLINED IN THE REGIONAL MUNICIPALITY OF WATERLOO BYLAWS.

SIGNATURE _____
DATE

THIS TEST REPORT MUST BE SUBMITTED NO LATER THAN 14 DAYS FOLLOWING TESTING