

Significant Changes to PW23XXX being a By-law to Regulate the Management, Distribution, and Maintenance of the Water Works System of the City of Hamilton

Change	Rationale	Existing By-law R84-026	Revised By-law PW23XXX
Water Works By-law Resource Manual:	The Resource Manual provides an easy reference to the City's drawings, processes, policies, and permits for stakeholders. This document is designed to be a resource supplement to the Water Works By-law, with direct links to important web pages, drawings, and forms	Absent from by-law	New
Water Service Line Sizing	Align with the current Building Code requirements	¾" (20mm) is the standard water service line size	¾" (20mm) is the minimum water service line size and 1" (25mm) is the standard water service line size
Service Connections	Clarifies the number of water service lines that can service a property	Up to 3 properties (Residential and ICI) may be connected via 1 water service connection	Only one water service line off of the watermain is permitted for single residential and laneway properties Up to 3 properties (Residential and ICI) may be connected to 1 service connection provided that a legal connection existed prior to the enactment of the new by-law The General Manager may approve additional service connections with exceptions.
Service Line Connections and Physical Connections	Protect the Water Distribution System by eliminating auxiliary water supply connections.	No person shall install, maintain or use any connection with any part of a water supply system which is or may be connected to a	No Property connected to the Water Distribution System shall be serviced by an Auxiliary Water Supply (i.e. Well) Provided that there is no possible physical interconnection between the Auxiliary Water Supply and a plumbing system on a Property

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		watermain of the Regional Corporation, whereby foreign matter, non-potable water, or water from a private well may enter the Regional water system.	that is connected to the Water Distribution System, nothing in this Section shall prohibit the Owner of the Property from using an Auxiliary Water Supply provided that the requirements of the Backflow Prevention By-law are met.
Water Distribution System Obstructions	Ensures unobstructed access to the Water Distribution System for maintenance and emergency work conducted by the City	No person shall obstruct or interfere with the operation, maintenance or control of the water system or its appurtenances (details are absent)	No obstructions within 1 meters of Water Distribution System Assets
Operating Water Distribution System Assets	All work related to the Water Distribution System must be carried out by authorized personnel	Absent from by-law	No Person, other than the City or its approved contractors shall perform any work on the Water Distribution System unless otherwise approved by the General Manager
Private Infrastructure Repairs	City inspection of repairs to private infrastructure (water service lines and watermains) is mandatory for Multi-Residential and Non-Residential properties	Absent from by-law	All Private Service Lines shall be maintained, repaired, replaced, and inspected as required by Applicable Law, and at the expense of the Owner
Private Fire Service Lines	Property Owners are responsible for installing a single check valve at property line for all Private Fire Service Lines 4" (100mm) and larger	Requirement for a suitable check valve (details were absent)	The requirement for a single check valve to be installed at property line for all site plans with private watermains connected to the municipal water supply system which services more than 100mm service

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Water Meters – Primary & Submeters	Property Owners must install a Water Meter on every Service Line regardless of the property type	A primary meter was not required on every service line if sub meters existed	A primary meter is required on every service line regardless of whether sub meters exist
Physical Location of the Water Meter	Outlines the required installation locations for Water Meters	The water meter is located at the point where the service pipe enters the building where a suitable location inside a building cannot be made or where the building is more than 60m from the property line the meter is to be installed at the property line	For Service Lines 38 mm in diameter or larger: If the point where the Service Line enters the Premises is less than 10m from the Property Line, the water meter shall be located at the point where the Service Line enters the Premises; or, If the point where the Service Line enters the Premises is greater than 10m from the Property Line, the water meter shall be located in a chamber at Property Line constructed and maintained in accordance with the specifications set out in the Water Works By-law Resource Manual by and at the expense of the Owner.
Set Fines Schedule	Allows the City to issue tickets and fines for By-law contraventions	Absent from by-law	New
Connection Where Land Not Directly Serviced	Property Owners may request connection to an alternative watermain if there is access	The owner may apply and receive written permission to enter into a Special Water Servicing Agreement	Requires a legally enforceable easement agreement registered on title along with any required Special Water Servicing Agreement and/or Joint Water Servicing Agreement.
City Carrying Out Work	The City may complete work and recover the costs from the Property Owner if they do not fulfill their obligations.	Absent from by-law	Where a Person does not comply with a direction, requirement, or order the City may carry out such direction, requirement or order at the Person's expense.