

**Attachment “E”**  
**Summary of three By-laws’ Updates and Consolidation into one new Water Use By-law**

[Note: (1) By-law #1602; (2) “Water Meter By-law” #2012-242; (3) By-law #105-95]

<b>Section Titles in New Water Use By-law</b>	<b>From By-law #2012-242, By-law #1602, By-law #105-95 or New Clauses</b>	<b>Comments on Updates</b>
<b>Table of Contents</b>	New Clauses	Intended for easier navigation of the by-law
<b>Preamble</b>	From By-law #2012-242 – Preamble	Expanded the wording to reflect all aspects covered in the consolidated Water By-law.
<b>1. Definitions</b>	From By-law #2012-242 – Definitions	Revised certain definitions and added some new definitions.
<b>2. Application of by-law</b>	From By-law #2012-242 – Section 2	No change
<b>3. Administration of by-law</b>		
3.0 Waterworks system construction, operation and maintenance	New Clauses	To outline the City’s areas of responsibility and explain the limitations on the level of service of City’s water supply. The wording of section 3.0.6 was adopted from City of London’s and Durham Region’s Water By-laws.
3.1 Water rates, charges and revenues responsibilities	From By-law #2012-242 – Section 3.0	No change
3.2 By-law administration and enforcement		
3.2.0	From By-law #2012-242 – Section 3.1	No change
3.2.1	New Clauses	To give the Director of Environmental Services’ authority to exempt some specific situations or projects from this By-law. The wording was adopted from Toronto’s Water By-law.
<b>4. Use and receipt of water</b>		
4.0	From By-law #2012-242 – Section 4.0	No change

Section Titles in New Water Use By-law	From By-law #2012-242, By-law #1602, By-law #105-95 or New Clauses	Comments on Updates
4.1	New Clauses	To ensure no municipal water supply without municipal water service connections. The wording was adopted from Toronto's Water By-law.
4.2	From By-law #2012-242 – Section 4.1	No change
<b>5. Establishment and Discontinuance of Water Service Account</b>		
5.0 Establishment of Water Service Account	New Clauses	To reflect the current practice in establishing a Water Account
5.1 Discontinuance of Water Service Account	From By-law #1602 – Section 39	Revised the wording to reflect current practice of cancelling a Water Account.
<b>6. Water Service Connections</b>		
<u>6.0 Application for water service connections</u>		
6.0.0 All Water Service connections require City approval	New Clauses	To ensure all water connections whether new or altered have City's approval and oversight to protect the quality of the water supply.
6.0.1 Application for Water Service Connection	From By-law #1602 – Section 12	Expanded the wording to reflect current practice.
6.0.2 Application refused by the City	From By-law #1602 – Section 12	Expanded the wording to list all scenarios.
6.0.3 Temporary water service connections	New Clauses	To ensure that temporary water service connections are subject to the same “application” and “approval” process as the permanent water service connection while placing a limit on the connection duration.
6.0.4 Water Service during construction	From By-law #1602 – Section 31	Revised the wording to reflect current practice and authority.
<u>6.1 Installation of water service connections</u>		

Section Titles in New Water Use By-law	From By-law #2012-242, By-law #1602, By-law #105-95 or New Clauses	Comments on Updates
6.1.0 Installation by the City	From By-law #1602 – Section 10	Revised the wording.
6.1.1 Installation by the Owner	New Clauses	To permit specific property owners and developers (such as: ICI and new residential developments) to install the water service connections using their own contractors with the City’s oversight.
6.1.2 Connection or water service connection installation rejected by the City	New Clauses	To establish authority and reflect the current practice.
6.1.3 Pre-installed water service connections	New Clauses	To establish the responsibility associated with pre-serviced properties and service damage.
<u>6.2 Costs of water service connections</u>	From By-law #1602 – Section 6 & 7	Revised and expanded the wording to reflect the current practice for infill homes and redeveloped residential properties.
<u>6.3 Water Service Operation and Maintenance– By the City</u>	From By-law #1602 – Section 11& 42	Revised the wording to assure all water valves are operated by City staff or under City authority.
<u>6.4 Number of water service connections</u>		
6.4.0	From By-law #1602 – Section 21 (1) & (2)	Revised the wording. One water service connection only services one property.
6.4.1	New Clauses	One water service connection cannot service more than one property even though they are owned by the same owner.
6.4.2	New Clauses	One property cannot have more than water service connection.
6.4.3	New Clauses	To establish water service requirements in “land severance” cases. Gives authority to the Director of Environmental Services to permit or require more than one water service connection

Section Titles in New Water Use By-law	From By-law #2012-242, By-law #1602, By-law #105-95 or New Clauses	Comments on Updates
		or water meter for an ICI or multi-residential property.
6.4.4	New Clauses	To satisfy the Ontario Building Code’s requirement for water service redundancy.
<u>6.5 Replacement of water service connections</u>	New Clauses	To establish rules for those infill homes and redeveloped residential properties.
<u>6.6 Existing Water Service Connection or Pre-serviced Lot</u>		
6.6.0 Existing Water Service Connection to be turned off prior to demolition	New Clauses	To establish rules for each of those specific scenarios.
6.6.1 Existing Water Service Connection to be re-used	New Clauses	
6.6.2 Re-use of existing Water Service Connection not permitted	New Clauses	
6.6.3 Existing Water Service Connection to be disconnected	New Clauses	
<u>6.7 Private water service pipes and private fire service mains</u>		
6.7.0 Installation by the owner	From By-law #1602– Section 16,17,18 &19	Revised the wording.
6.7.1 Private Fire Protection Systems in Buildings	From By-law #1602 – Section 32 (1)	Revised the wording.
6.7.2 Private water service pipe sizes and materials	From By-law #1602 – Section 15	Revised the wording.
6.7.3 Maintenance responsibilities	From By-law #1602– Section 20	Revised the wording.
6.7.4 Investigation and repair of leakage on private water system	New Clauses	To set expectations of the City and property owners.

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<u>6.8 Frozen water service connection/Private water pipes</u>	New Clauses	To clarify the responsibilities of the City and owners in a “frozen water service” situation.
<u>6.9 Vacant or unheated Properties</u>	New Clauses	To clarify the owner’s responsibility associated with water damage from a frozen service when a property is left “vacant or unheated”.
<u>6.10 Tests and Disinfection</u>	New Clauses	To reflect our current practice and compliance with the provincial Safe Drinking Water Act.
<b>7. Water Meters</b>		
<u>7.0 Water to be metered</u>		
7.0.0 Water to be metered		
7.0.0 (a), (b), (d), (e), (f), (g)	From By-law #2012-242 – Section 5.0.0	No change.
7.0.0 (c)	New Clauses	To ensure all water passing through a water meter shall be paid for by the customers regardless of whether the water is used or wasted.
7.0.0 (h)	New Clauses	To ensure all newly constructed buildings have a water meter installed prior to using the water.
7.0.1 Water Meters –City property	New Clauses	To clarify water meter ownership.
7.0.2 Private Water Meters – Not the City’s responsibility; not used for the City’s water billing purposes	New Clauses	To define private water meters and related responsibility.
7.0.3 Sprinkler meter for irrigation system	From By-law #2012-242 – Section 5.3	No change
<u>7.1 Water meter installation</u>		

Section Titles in New Water Use By-law	From By-law #2012-242, By-law #1602, By-law #105-95 or New Clauses	Comments on Updates
7.1.0 Installation of Residential water meter	From By-law #2012-242 – Section 5.0.1	Subsection 7.1.0(a) is a revised version - To ensure that water cannot be turned on until the water meter is installed and passed the City's inspection.
7.1.1 Installation of ICI and Multi-residential water meter	From By-law #2012-242 – Section 5.0.2	No change
7.1.2 Supply of Water Meter	From By-law #2012-242 – Section 5.0.3	No change
7.1.3 Application for water meter - (Only for Infill Home, ICI & Multi-residential Water Meter application)	From By-law #2012-242 – Section 5.0.4	No change
7.1.4 Size of water meter	From By-law #2012-242 – Section 5.0.5	No change
7.1.5 Water meter loss or damage	From By-law #2012-242 – Section 5.0.6	No change
7.1.6 Notification by owner	From By-law #2012-242 – Section 5.0.7	No change
7.1.7 Provision for installing a water meter	From By-law #2012-242 – Section 5.0.8	No change
7.1.8 Water meter by-pass piping		
(a), (b), (c), (d) and (e)	From By-law #2012-242 – Section 5.0.9	No change
(f) (i.e. use of unmetered water)	New Clause	To deal with the unmetered and unbilled water consumption through opened by-pass valves.
7.1.9 Water meter chamber	From By-law #2012-242 – Section 5.0.10	No change
<b><u>7.2 Water meter inspection</u></b>		
7.2.0 Water meter inspection and sealing	From By-law #2012-242 – Section 5.1.0	No change
7.2.1 Water meter access		
(a), (b), (c), (d), (e),(f), (g), (h), (i)	From By-law #2012-242 – Section 5.1.1	Subsections (b) and (c) had minor wording change.

Section Titles in New Water Use By-law	From By-law #2012-242, By-law #1602, By-law #105-95 or New Clauses	Comments on Updates
(j) (i.e. refusal to provide access to meter)	New Clause	To establish the City's "Power of Entry" to do the water meter inspection.
7.2.2 Water meter interference prohibited		
(a)	From By-law #2012-242 – Section 5.1.2(a)&(b)	Consolidated 5.1.2(a) and (b) into 7.2.2(a).
(b)	From By-law #2012-242 – Section 5.1.2(c)	No change
(c) (i.e. ability to back charge for unmetered water use when discovered)	From By-law #2012-242 – Section 5.1.2(d)	Expanded wording to specify that Back Charges will apply to those water meter interference cases.
<u>7.3 Water meter maintenance</u>		
7.3.0 Maintenance of water meter appurtenances and piping	From By-law #2012-242 – Section 5.2.0	No change
7.3.1 Maintenance of chambers	From By-law #2012-242 – Section 5.2.1	No change
7.3.2 Water meter accuracy		
(a), (b), (c),(d), (e), (f),(g)	From By-law #2012-242 – Section 5.2.2 (a), (b), (c),(d), (e), (f),(g)	No change
(h) ability to back charge for unmetered water use when deliberately tampered with (water theft)	New Clause	To establish that Back Charges may be applied beyond a 24 month period in those situations determined to be appropriate when a by-pass valve or water meter has been deliberately tampered with.
7.3.3 Water Meter Relocation	From By-law #2012-242 – Section 5.2.3	No change
7.3.4 Water Meter Leaks	From By-law #2012-242 – Section 5.2.4	No change
7.3.5 Water Meter Replacement		
(a), (b), (d)& (e)(i)(ii)	From By-law #2012-242 – Section 5.2.5	Subsection 7.3.5(d) had minor wording changes.

Section Titles in New Water Use By-law	From By-law #2012-242, By-law #1602, By-law #105-95 or New Clauses	Comments on Updates
(c)if private plumbing configuration does not permit the City to replace water meter	New Clause	To establish the City's authority to require the owner/occupier to repair or replace their Private Water Service Pipe or Private Water System around the water meter prior to the City's water meter replacement at their property.
(e)(iii)	New Clause	To clarify that it is an offence when owner/occupier refuses to repair or replace their Private Water Service Pipe or Private Water System around the water meter prior to the City's water meter replacement at their property.
<u>7.4 Water meter removal due to building demolition</u>	From By-law #2012-242 – Section 5.4	Changed the section title.
<u>7.5 Unmetered Fire Line</u>	New Clauses	To establish rules for the continuous use of grand-fathered unmetered fire lines.
<b>8. Water Turn off /Turn on</b>		
8.0 Water Turn off by request	New Clauses	To reflect the current practice.
8.1 Water Turn on by request	New Clauses	To reflect the current practice.
8.2 Water Turn off / Reduction of Water Supply by the City		
8.2.0	New Clauses	To list the scenarios under which the City has authority to turn-off or reduce the water supply the Water.
8.2.1	New Clauses	To specify that the water supply to the property turned-off by the City shall not be turned-on without the City's approval.
8.2.2	From By-law #1602 – Section 37	Revised the wording.
<b>9. Fire Hydrants</b>		
9.0 Public Fire Hydrants		



Section Titles in New Water Use By-law	From By-law #2012-242, By-law #1602, By-law #105-95 or New Clauses	Comments on Updates
9.0.0	From By-law #2012-242 – Section 6.0	Revised the wording.
9.0.1 & 9.0.2 (i.e. ensure public fire hydrants are accessible by the Fire Department)	New Clauses	To establish rules for the use of space around public fire hydrants.
9.0.3 Anti-tampering devices	New Clauses	To establish rules for public fire hydrants in new subdivisions.
9.1 Private Fire hydrants	New Clauses	To establish rules for the installation approval, use & maintenance of private fire hydrants.
9.2 Fire Hydrant Flow Tests	New Clauses	To reflect the current practice.
9.3 Fire Hydrant Permits	From By-law #2012-242 – Section 6.1	Had minor restructuring.
9.4 Fire hydrant Relocation	New Clauses	To reflect the current practice.
<b>10. Water Use Restriction</b>		
10.0 Lawn Watering Restriction	From By-law #105-95 – Section 1 & 2	Revised the wording. For July and August (i.e. the months with 31 days), section 10.0.0(c) has been added to allow all addresses to water their lawns on the 31st of those months.
10.1 Water Use Restriction Order	New Clauses	To give the Director of Environmental Service the authority to restrict water use in specific water supply emergency situations.
<b>11. Miscellaneous Requirements</b>		
<u>11.0 Private Water Supply System</u>		
11.0.0 Conversion from Private Well Supply to the Waterworks System	New Clauses	To specify requirements for such conversion to a Municipal water supply.
11.0.1 Prohibition of New Private Well within the Municipal Water Service Areas	New Clauses	To prohibit the establishment of a new private well or replacement of an existing private well in a Municipally water serviced urban area and list the situations when an exemption may be provided.

Section Titles in New Water Use By-law	From By-law #2012-242, By-law #1602, By-law #105-95 or New Clauses	Comments on Updates
11.1 Steam boilers	From By-law #1602– Section 22	Revised the wording.
11.2 Water-cooled air-conditioning systems	From By-law #1602– Section 45	To prohibit the use of any type of water-cooled air-conditioning systems and add wording to permit exemptions in exceptional circumstances.
<b>12. Billings and Collection of Accounts</b>		
12.0 Changes of occupancy and consumer information must be reported	New Clauses	To reflect current practices.
12.1 Non-metered and Metered Accounts	New Clauses	To reflect current practices.
12.2 Regular Billings	New Clauses	To reflect current practices.
12.3 Final Billings	From By-law #1602– Section 29	Revised the wording to reflect current practices.
12.4 Water Meter does not record properly or cannot be read – Estimated Consumption	New Clauses	To reflect current practices.
12.5 Water Meters without Remote Readout Unit	New Clauses	To establish rules allowing for water meters without remote readout unit.
12.6 Charges for late payment	New Clauses	To reflect current industry practices.
12.7 Notice of non-payment	From By-law #1602– Section 45	Revised the wording.
12.8 Records of non-payment	From By-law #1602– Section 27 & 28	Revised the wording.
12.9 Collection of non-payment from the property owner	New Clauses	To reflect current industry practices.
12.10 Water turn off or reduction for non-payment	From By-law #1602– Section 26, 40 & 41	Revised the wording.
12.11 Water Arrears collected as a lien on property	New Clauses	To reflect current industry practices.

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<b>13. Contact information</b>	New Clauses	To establish what information needs to be provided from water customers.
<b>14. Powers of Entry</b>	From By-law #2012-242– Section 3.2,3.3, 3.4, 3.5, 3.6 & 3.7	Expanded the wording to set out the City’s authority to enter onto property under various scenarios.
<b>15. Enforcement</b>	New Clauses	To reflect bylaw enforcement practices.
<b>16. Offences</b>	New Clauses	To establish offence provisions for charge purposes.
<b>17. Penalty Provisions</b>	From By-law #2012-242– Section 8	“Special Fines” provisions have been deleted because it is very challenging to enforce them.
<b>18. Administrative Penalties</b>		
18.0, 18.1, 18.2 & 18.3	From By-law #2012-242– Section 12	No change
18.4	New Clauses	To reflect one of the new more streamlined bylaw enforcement practices being used by the City – Administrative Penalty.
<b>19. General by-law enforcement powers</b>		
19.0 Order to discontinue activity	From By-law #2012-242– Section 9.0	No change
19.1 Work Order	From By-law #2012-242– Section 9.1	No change
19.2 Obstruction	From By-law #2012-242– Section 9.2	No change
19.3 Remedial Action	New Clause	To establish the City’s authority to take remedial action to undertake work or repairs not completed by a customer required to do so and recover the costs from the customer.
<b>20. Notice/Service</b>	From By-law #2012-242– Section 10	No change
<b>21. Fees</b>		
21.0 Service Fees	New Clauses	To reflect current fees charged to recover costs associated with bylaw officers dealing with water by-law compliance issues.

Section Titles in New Water Use By-law	From By-law #2012-242, By-law #1602, By-law #105-95 or New Clauses	Comments on Updates
21.1 & 21.2 Recovery of Costs	New Clauses	To establish the City's authority to recover unpaid fees either through collection actions or by adding them to the tax roll and collecting them as municipal taxes.
21.3	From By-law #2012-242– Section 11	Revised the wording
<b>22. General Provisions</b>	From By-law #2012-242– Section 13	Reference of the AWWA standard has been removed since it is included in the “definition”.
<b>23. By-law wording</b>	From By-law #2012-242– Section 7	No change
<b>24. Severability</b>	From By-law #2012-242– Section 14	No change
<b>25. Repeal</b>	From By-law #2012-242– Section 15	Revised the wording
<b>26. Interpretation</b>	From By-law #2012-242– Section 16	No change
<b>27. Short title</b>	From By-law #2012-242– Section 17	Revised the wording
<b>28. Effective date</b>	From By-law #2012-242– Section 18	Revised the wording