



**TOWN OF LINCOLN  
SUPPLEMENTAL WATER SERVICE  
CONNECTION POLICY**

**CN 2-1-01-02**

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**Policy Number:** PW 2008-02  
**Policy Section:** Public Works  
**Authored by Department:** Public Works Department  
**Date of Council Approval:** January 21, 2008  
**Date of Revision(s):**

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## **INTRODUCTION**

Municipal watermains are intended to serve only those properties within the Town of Lincoln's defined urban areas. Nevertheless, prior to both the Safe Drinking Water Act and Greenbelt Act, some watermains were constructed or extended outside the urban boundaries, primarily for operational reasons or to address public health concerns. Therefore, these watermains were not intended or designed with the purpose of servicing properties or stimulating development outside the urban area. Accordingly, new Water Service Connections outside of defined urban areas where specifically permitted by written Town policy, must conform to the supplemental technical criteria contained in the policy. The buildings to be serviced in these cases shall be located such that the criteria identified in this policy can be achieved, otherwise these properties shall not be entitled to a service.

### **1. General**

- (a) No service connection shall be made to watermains greater than 400mm diameter.
- (b) For the purpose of this policy, "length" is measured from the limit of the municipal right of way to the wall of the existing or proposed building.
- (c) Connections shall only be permitted for and extend to a single existing or proposed building. Connections are not intended to service existing or future, multiple buildings.
- (d) Dedicated service connections for irrigation, spray mixing, hauling or filling will not be permitted.
- (e) Firelines for fire protection to properties outside the urban area shall be considered in accordance with the requirements of By-law 01-134 (Regulation of Water Supply) and the Town's Municipal Design Standards.
- (f) An application for a service connection shall first be submitted to the Town in accordance with By-law 01-134, prior to consideration of the service request by the Town.
- (g) This policy does not apply to existing buildings that have existing water service connections.



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## **2. Pipe Sizes**

### **(a) Single Detached Residential Dwellings**

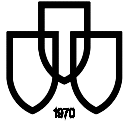
- The maximum length for service connections shall be 60 metres as measured from the property line to the building wall.
- The minimum size for service connections shall be 20mm diameter for lengths up to 30 metres.
- The maximum size shall be 25mm diameter for lengths between 30 and 60 metres.

### **(b) Multiple Unit Residential, Commercial, Institutional and Industrial Buildings**

- The requirements for backflow prevention shall apply in accordance with By-law 07-06.
- The maximum size permitted is 100mm.
- The maximum length permitted shall be 60 metres. Lengths in excess of 30 metres shall only be allowed where an engineered design to the satisfaction of the Director of Public Works demonstrates a residual pressure of 275 KPa under normal operating conditions and 140 Kpa under fire flow conditions can be maintained without mechanical aid.

### **(c) Greenhouses and Other Agricultural Buildings**

- Service connections for greenhouse or other agricultural use shall be in accordance with Town Municipal Design Standards.
- The requirements of backflow preventions shall apply in accordance with By-law 07-06.
- The maximum size permitted is 25mm.
- The maximum length shall be 60 metres. Lengths in excess of 30 metres shall only be allowed where an engineered design, to the satisfaction of the Director of Public Works demonstrates a residual pressure of 275 Kpa under normal operating conditions and 140 Kpa under fireflow conditions can be maintained without mechanical aid.



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### **3. Depth**

In no case shall the cover of the water service connection be less than 1.70 metres.

### **4. Mainstops**

All domestic water service connections shall have main stops installed at the watermain equal to the water service connection diameter, as per the Town's current Municipal Design Standards.

### **5. Pipe Materials**

Pipe materials will be in accordance with the Town's current Municipal Design Standards.

### **6. Construction**

Construction of water service connections shall be in accordance with current Town Specifications, Standard Drawings and to the satisfaction of the Director of Public Works.

### **7. Design Information**

The proponent shall provide all necessary testing, engineering calculations, design details and any other information as deemed necessary by the Director of Public Works to assess a potential connection.

### **8. Application of By-law 01-134 (Water Supply By-law)**

By-law 01-134 shall apply to all cases where supplemental service connections are provided to properties outside the urban area.