

## TOWN OF LINCOLN SUPPLEMENTAL SANITARY SEWER SERVICE CONNECTION POLICY

CN 2-1-01-02

**Policy Number:** PW 2008-03 **Policy Section:** 

**Public Works** 

Authored by Department: **Public Works Department** 

Date of Council Approval: January 21, 2008

Date of Revision(s):

#### INTRODUCTION

Municipal sewers are intended to serve the Town's defined urban areas. Nevertheless, prior to the Greenbelt Act, some sewers were constructed on or extended outside the urban boundaries, primarily for operational reasons or to address public health concerns. Therefore, these sewers are not intended or designed for the purpose of servicing properties or stimulating development. Accordingly, new Sanitary Service Connections outside of defined urban areas where specifically permitted by written Town policy must conform to the following supplemental technical criteria contained in this 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 connection.

#### 1. General

- (a) Connections shall not be permitted from intermediate chambers. 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.
- (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) Roof water leaders or foundation weepers shall not be permitted to be connected to the sanitary sewer.
- (d) Only gravity connections shall be permitted and shall extend from the building (as noted in 1(a) without the need for an intermediate pump and/or forcemain.
- (e) Connections shall not be permitted to forcemains.
- (f) This policy does not apply to the following:
  - i) existing buildings that have existing sanitary lateral connections
  - ii) the Campden North Sewer Area
- (g) An application for a service connection shall first be submitted to the Town in accordance with By-law 07-47 (Regulation of Sewers and Drains).



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# 2. Pipe Size

- (a) Service connections for single detached and semi-detached units shall be 125mm in diameter. Clean outs shall be placed every 15 metres.
- (b) Service connections for multiple unit residential, commercial, institutional areas are to be sized individually according to the intended use to the satisfaction of the Director of Public Works.

### 3. Depth

(a) The depth of the service connections at the street line, measured from the final centreline road elevation shall be:

Minimum - 2.50 metres Maximum - 3.00 metres

(b) Risers shall be used when the invert depth of the sewer main exceeds 4.60 metres. The riser connection shall not exceed 3.0 metres in depth.

# 4. Velocity and Grade

Minimum low flow velocity 0.60 m/s
Minimum grade – 125mm dia. 2%
Maximum Grade 8%

# 5. Inspection Manhole

For all multiple unit residential, commercial, industrial and institutional uses, an inspection manhole shall be required to be located on private property 1.50 metres from property line to the centre of rim.

#### 6. Pipe Materials

- (a) Sanitary sewer service connections may be constructed using any of the materials outlined in the Town's current Municipal Design Standards except for polyethylene.
- (b) In order to avoid cross connections, all pipe used for residential sanitary laterals shall be the colour green.



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#### 7. Construction

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

### 8. Design Information

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