

Town of New Haven
Local Law No 3 of 2007
A Local Law Amending Local Law No 1 Of 2004 Adding The Use Of High Density Polyethylene Pipe As An Option Along With Type “K” Copper Pipe For The Installation Of Water Lines Located Within The Town Of New Haven

SECTION 1:

This Local Law shall be known as Local Law No. 3 of the year 2007, a local law amending Local Law No. 1 of the year 2004, for the Management, Control and Operation of Water Districts in the Town of New Haven.

SECTION 2-PURPOSE:

The Town of New Haven has formed a number of special districts over the past several years. Traditionally, the Town has required Type “K” copper tubing for the delivery of water service to residential users. Technology has advanced to the point where polyethylene tubing is now considered a viable alternative option to copper tubing. In an effort to give property owners the opportunity to compare and contrast the cost associated with copper and polyethylene tubing, the Town of New Haven hereby amends its regulations to include the use of high density polyethylene tubing, provided such tubing conforms with established criteria as set forth herein.

SECTION 3-PROPOSED ADDITION TO LOCAL LAW NO. 1 OF 2004

The following section shall be amended and/or added to Local Law No. 1 of the year 2004 of the Town of New Haven:

Under Article 3, New Water Services, Section 3.2, subparagraph 2, shall be amended to read as follows:

Section 3.2(2) – The service lines shall be at least $\frac{3}{4}$ inch diameter Type “K” copper pipe or High Density Polyethylene Pipe, in accordance with the criteria set forth in Section 3.3 herein, for home up to 250 feet from the street.

1. Tubing

- a. Polyethylene Tubing- The polyethylene compound from which the tubing is made shall be an ethylene-hexane copolymer and shall comply with applicable requirements as specified in ASTM D3350 providing for inner and outer layers of UV protection for five years in direct sunlight and shall be manufactured from PE3408 high-density polyethylene resin. Polyethylene shall comply with the following:
 - i. Tubing shall have a working pressure of 200PSI at 73.4 degrees F and be in conformance with ANSI/NSF Standard 61.

- ii. All tubing furnished under these specifications shall conform to the following standards. AWWA C-901, ASTM D2239, ASTM D2737, ASTM D3350, ASTM D1248, ASTM F1248, ASTM D 1693, ASTM D2837 and ASTM D3140.
 - iii. Tubing dimensions and tolerances shall conform to the following requirements: Polyethylene tubing surfaces shall be mirror smooth, and shall be free from bumps and irregularities. Materials must be completely homogenous and uniform in appearance.
 - iv. Tubing dimensions and tolerances shall correspond with the values listed in AWWA C901 with standard dimension ration (SDR) of 9.
 - v. Tubing shall be fully labeled at intervals of not more than 5 feet with brand name and manufacturer, the nominal size, PE 3408, the word TUBING and SDR9, PC 200, AWWA C901-88, and the sale, or mark of the testing agency.
- b. Copper Tubing- Copper Tubing shall be type “K” and shall conform to AWWA Standard C 800 Section A.2. ASTM Specification B 88 and ASNI/NSF Standard 61.

2. Joints

- a. Joints for polyethylene or copper tubing shall be of the compression type utilizing a totally confined grip seal and coupling nut. Stainless steel tube stiffener insert shall also be used for tubing services.
- b. Other type joints may be considered for specific installations upon submission of specifications and approved by the engineer.

SECTION 4-EFFECTIVE DATE:

This Local Law shall take effect immediately upon being filed in the Office of the Secretary of State in accordance with the provisions of Section 27 of the Municipal Home Rule Law.