



Public Works and Environmental Services Department

WATER AND WASTEWATER SERVICES - ENGINEERING

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GUIDELINE FOR WATER DISTRIBUTION SYSTEM VALVE AND HYDRANT SPACING

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This document approved by the Broward County Water & Wastewater Services Technical Standards

A handwritten signature in blue ink, appearing to read "Steven W. Uhrick".

Steven W. Uhrick, P.E., Chair

Water distribution system valves will be installed so that repairs will not require shutting down a transmission main (mains 16 inches in diameter or greater) or a length of pipe greater than that shown in the following table:

Main Size	Maximum Valve Spacing
6-inch	600 feet
8-inch	800 feet
10-inch	1000 feet
12-inch	1200 feet

Transmission main valve spacing will be determined on a case by case basis by WWS. In general, transmission main valves will be spaced a distance equal to 100 feet per inch of pipe diameter.

In any case, location of both distribution and transmission valves will be such that isolating any section of pipe will require closing no more than ten valves.

Hydrant location and spacing will be approved by the fire department having jurisdiction of the area.