



Office of Environmental Services
Environmental Engineering Division
2555 West Copans Road
Pompano Beach, Florida 33069

GUIDELINE FOR WATER DISTRIBUTION SYSTEM VALVE AND HYDRANT SPACING

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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 OES. In general, transmission main valves will be spaced a distance equal to 100 feet per inch of pipe diameter.

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

This document approved by the Broward County Office of
Environmental Services Technical Standards Committee.
Signed Steven W. Uhrick Date 4-13-04
Steven W. Uhrick, P.E.