**Section 604.1450 Surface Water Crossings**

a) For above‑water crossings, the pipe must be adequately supported and anchored, protected from damage and freezing, and accessible for repair or replacement.

b) Underwater Crossings

1) A minimum cover of five feet must be provided over the pipe.

2) When crossing water courses that are greater than 15 feet in width, the following apply:

A) the pipe must be of special construction, having flexible, restrained or welded watertight joints;

B) valves must be provided at both ends of water crossings so that the section can be isolated for testing or repair;

C) the valves must be easily accessible and not subject to flooding; and

D) permanent taps or other provisions to allow insertion of a small meter to determine leakage and obtain water samples must be made on each side of the valve closest to the supply source.