

**199—21.7(476) Standards of quality of water service.**

**21.7(1) *Water pressures.*** Under normal condition of water usage, the pressure (pound per square inch gauge) at a customer's service line shall be not less than 35 PSIG and not more than 125 PSIG.

At regular intervals, a utility shall make a survey of pressures in its water system. The survey shall be of sufficient magnitude to indicate the quality of service being rendered at representative points on its system. The survey shall be conducted during periods of high usage at or near the maximum usage during the year. The pressure charts for these surveys shall show the date and time of beginning and end of the test and the test location. Records of these pressure surveys shall be maintained at the utility's principal office in the state and made available to the board upon request.

**21.7(2) *Interruption of water service.***

*a.* A utility shall make a reasonable effort to prevent interruptions of water service. When an emergency interruption occurs, the utility shall reestablish service with the shortest possible delay consistent with the safety of its customers and the general public. If an emergency interruption affects fire protection service, the utility shall immediately notify the fire chief or other responsible local official.

*b.* When a utility finds it necessary to schedule an interruption of water service, it shall make a reasonable effort to notify all customers to be affected by the interruption. The notice shall include the time and anticipated duration of the interruption. Interruptions shall be scheduled at hours which create the least inconvenience to the customer.

*c.* A utility shall retain records of interruptions for a period of at least five years.

**21.7(3) *Water supply shortage.*** The utility shall attempt to furnish a continuous and adequate supply of water to its customers and to avoid any shortage or interruption of water delivery.

*a.* If a utility finds that it is necessary to restrict the use of water due to a shortage, it shall equitably apportion its available water supply among its customers. The utility shall notify its customers and the board of the following:

- (1) The reason for the restriction.
- (2) The nature and extent of the restriction.
- (3) The effective date of the restriction.
- (4) The probable date of termination of the restriction.

*b.* The water use restriction shall not take effect unless approved by the board, except in cases of emergency.

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