

Start-up Procedures for Potable Water Systems at Seasonal Facilities

The facility operator must ensure that the following actions have been taken 15 days prior to the property's occupancy for which the water supply is utilized each year. The following applies to each potable water distribution system that is not subject to continuous water use, when due to the seasonal use of the water system, the water may be hazardous to health:

(1) All water mains shall be disinfected by filling the main to remove all air pockets, flushing the main to remove particulates, and filling the main with potable water. The potable water shall then be chlorinated by feeding liquid hypochlorite at a constant rate such that the water will not have less than a 25 mg/L free chlorine residual (25 ppm) throughout the water system. After a 24-hour holding period there must be a free chlorine residual of not less than 10 mg/L throughout the water system.

(2) All water mains shall be flushed and free chlorine residual disinfection concentrations shall be measured for the two days immediately following the completion of the main disinfection at representative points in the distribution system, to ensure chlorine residuals of not less than 0.2 mg/L.

(3) A Total Coliform sample shall be collected from each water source at a representative point in the distribution system following the two day flushing and chlorine monitoring period and when a free chlorine residual of not more than 4.0 mg/L is present. Pre-operational nitrate and bacteriological water analysis reports must be submitted to the permit-issuing official prior to permit issuance.

The annual start-up procedures for _____
water system was completed on _____.

Facility Operator:

Signature: _____

Sign and submit this form when completed to: Mail to UCDOH,
Fax to 845-340-3045, or Email to dohnecs@co.ulster.ny.us