



## Water Safety After a Prolonged Shut-down

Stagnant, or standing water can cause conditions that increase the risk for growth and spread of *Legionella* and other biofilm-associated bacteria. Stagnant water can also lead to low or undetectable levels of disinfectant, such as chlorine. Building owners and managers should ensure that your water system is safe to use after a prolonged shutdown to minimize the risk of Legionnaires' and other diseases associated with water.

**Premier Water & Energy Technology, Inc.** can help you through this process. Premier can help determine your water's safety by performing a Halogen evaluation to measure the chlorine residual in your water system. If your results are lower than CDC, AWWA, or EPA guidelines we can help formulate and execute a mitigation strategy.

The best immediate action is to flush the entire building, including all water fixtures, ice machines and water coolers. Flushing clears out the low-quality water that accumulated during low use and replaces it with high quality water from the municipal supply. The fresh water will help mitigate the problems (loss of protective scale and biofilm growth) that emerged while the water was stagnant. If staff are available to flush, start now. Starting flushing now means less deterioration of water quality in the building and a sooner recovery to normal conditions.

Your Premier Water Treatment Consultant can provide you with additional information on a Pre-occupational Water Evaluation Program that will help provide safe potable water as your building is reoccupied.

The Premier Pre-Occupational Water Evaluation Program provides a snapshot of chlorine levels throughout your building water system. The results of this evaluation can be compared to AWWA Standards and help in establishing any necessary remediation strategy.



**Innovative Solutions Provider**