

Process Cooling at a Light Manufacturing Facility

Project Summary

This site is a manufacturing facility located in central New Hampshire with a year-round process cooling load. The facility is unique because make-up water is a combination of city water and reclaimed groundwater.

The initial reading was taken just prior to the installation of the GRANDER® Technology system, in March of 2006.

Planktonic bacteria counts after installation of the system have remained within the target value of 10,000 CFU/ml for the entire season, and have averaged less than 2,000 CFU/ml.

An important aspect of this project is the demonstration of the system's unassisted recovery from the one somewhat elevated bacteria count in August. Instead of escalating further, the bacteria levels observed a month later were back below 1,000 CFU/ml. This recovery was accomplished without any biocide addition or changes to system operation.

