

Kent State University Kent, Ohio

BoilerPlex Installation



OVERVIEW:

Water heaters installed only three years earlier had accumulated heavy scale. Showerheads and valves were also heavily scaled, which limited flow and caused jamming. Scale on the tubes inhibited heat transfer by an estimated 25%.



ACCOMPLISHMENTS:

A modified BoilerPlex™ system was installed to circulate water through the water heaters. After six months of BoilerPlex operation, the water heaters were opened and inspected. Nearly all of the preexisting scale was eliminated, and the limited remaining scale was very soft and easily removed with a cloth. The valves no longer jam and showerheads now flow freely.