

## Medical School and Hospital

- The Medical School has seen some of the most dramatic decreases in water use thanks to recent water conservation efforts. The Beckman and Fairchild Buildings in particular are now using 30 to 40 percent less water than before, saving almost 15 million gallons of water annually! In 2004, an analysis of the Beckman and Fairchild Building's water usage prompted several water saving initiatives, including the installation of 1.6 gallon per flush toilets, water-efficient urinals, and low-flow faucet regulators on all regular and deionized water faucets. Restricting the flow of deionized faucets makes a significant difference because a substantial amount of water is already wasted in the deionization process. Also, the installation of Water-Mizer® on the building's autoclaves reduced water consumption considerably. Instead of running water 24 hours a day, the Water-Mizers sense when water is needed and shut off the flow when it is not. The chart below shows how water use at Beckman dropped after retrofits were completed in the spring of 2004.

**Beckman Building - Medical School  
Stanford University  
2001 -2004 Water Use**

