



13750 W Colonial Dr, Suite 350-208

Winter Garden FL 34787

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Case Study: Kentucky Community and Technical Colleges

Project Type: Community College

Upgraded Fixtures: 830

Annual Water Savings: 1,713,643 gallons

Overall Annual Savings: \$25,714

Project Summary:

The KCTCS project included 4 campuses of Kentucky's State Community College system. These campuses located in Danville, Elizabethtown, Owensboro, and Lexington consisted of buildings ranging in age from 10 to 50 years old.

IWM installed a variety of facility improvement measures including, new 1.6 gpf china and valves. Urinals were treated with either retrofits of existing valves or new valves ranging in consumption from .5 gpf to 2.4 gpf. Sinks designated for hand washing were reduced to .5 gpm with pressure compensating spray type moderators. Break room and kitchen sinks were reduced to 1.5 gpm with laminar flow, vandal resistant moderators.

Upon completion of the installation a predetermined quantity of bench stock was provided to each school as well as operation and maintenance manuals listing replacement parts to be used to maintain the designed savings of the project.

The project yielded an annual water savings of over 1.7 million gallons and a cost savings of over \$25,000.

IWM completed all 4 sites in just under 2 months.

For more information please contact Matthew Stichter at 563-823-8336 or mstichter@infinityh2o.com