



13750 W Colonial Dr, Suite 350-208

Winter Garden FL 34787

Phone: 563-823-8336

Case Study: City of Blue Ash Ohio

Project Type: City Government

Upgraded Fixtures: 201

Annual Water Savings: 1,120,076 gallons

Annual Hot Water Savings: 331 Therms

Overall Annual Savings: \$47,655.98

Project Summary:

The City of Blue Ash is located just north of Cincinnati in southern Ohio. This project included 11 city owned buildings. During this project 74 toilets using between 3.5 and 5 gallons per flush were replaced with HET fixtures using only 1.28 gallons per flush. 90 faucets were upgraded with low flow moderators, and 36 urinals were retrofitted with .5 gallon per flush valves. There was also one water cooled ice machine on the golf course club house that was replaced with an exterior air cooled compressor and a matched ice machine head and ice bin.

The project was complete in just under two weeks. Additional repair parts were left with the maintenance staff as well as specialty tools to remove and replace the vandal resistant faucet moderators for maintenance. An operations and maintenance manual was provided showing the fixtures installed and the proper maintenance parts needed to ensure continued water and energy savings.

This project yielded a savings of over 1 million gallons of water annually and 331 therms of natural gas. The project also resulted in many poorly working or non working fixtures being replaced with new, fully functioning units.

Infinity Water Management is a national water management firm with offices in Florida and Iowa. Founded in 2005, Infinity has completed more than 125 projects from Florida to Utah. As many facilities see their water and sewer rates rising faster than any other utility, the water conservation professionals stand ready to help residential, commercial and institutional clients reduce and control their water/sewer budgets through complete turn key solutions or through existing maintenance budgets.

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