

## PROJECT CASE STUDY

# The Metropolitan Condominiums Water Conservation Retrofit

### ENVOCORE SOLUTIONS

RTS Water, a division of Envocore, conservation measures included the retrofitting and installation of plumbing fixtures, components, etc. These were done to decrease water usage with the building.

### THE RESULTS

Utility savings were generated in three different areas: water, sewer, and natural gas usage.

- 1) Installation of Flushometer Toilets bringing the usage of 3.5 gpf down to 1.6 gpf
- 2) Installed 284 tank toilets and urinals decreasing their water usage.
- 3) Installed 285 existing shower faucets bringing the current usage of 2.5 gpm down to 1.5 gpm
- 4) Retrofitted 289 lavatory sinks bringing their current usage of 2.0 gpm down to 1.5 gpm
- 5) Installed a new deduct meter on the make-up line of the cooling tower.

### PROJECT BACKGROUND

The Metropolitan Condominiums is owned by Pinnacle Equities, LLC, a subsidiary of Time Equities. They are a full service real estate company based out of New York. The challenge was to reduce costs to continue to provide affordable housing to its residents.

### ABOUT THE METROPOLITAN CONDOMINIUMS

Metropolitan Condominiums is a friendly and diverse community, redefining the standard of modern living in downtown Kansas City. The building has 218 units and several commercial spaces, three parking levels, with two being covered parking. The Metropolitan condo owners enjoy on-site gym, pool, and other great amenities.

<https://www.highrises.com/kansas-city/metropolitan-condos/>