

Case Studies

Water Management, Inc. of Alexandria, VA has implemented water conservation programs in hundreds of properties and tens of thousands of units in the District of Columbia, in many cases reducing consumption by 50% or more. The following are case studies of 3 D.C. properties that illustrate a variety of programs each having met with good success.

Azeeze Bates Apartments, Benning Road, NE:

Azeeze Bates is a garden-style apartment complex, consisting of 93 units, that used 680 gallons per unit per day (ADC) during the fall of 1996. WMI implemented a retrofit program which included toilet flush and fill valves, showerheads, sink aerators, leak repair, and a meter test. When the project was completed in February of 1997, the property's ADC had dropped to 138. The consumption was reduced by 79%. This translated into over \$8,000.00 in savings per month for the property. Their cost for our program was \$4,763.00.

Massachusetts House, Massachusetts Avenue, NW:

Massachusetts House is a mid-rise condominium, consisting of 274 units, that had an ADC of 191 for most of 1995. We installed ULF toilets, showerheads, aerators, and did leak repair as part of a shared savings (performance-based) contract. After our initial work in December of 1995, the ADC dropped to 69. This was a 63% reduction in consumption and led to over \$5,000.00 in savings per month for the property. We receive a portion of the savings as our compensation.

Thomas House, Massachusetts Avenue, NW:

Thomas House is a retirement community whose consumption was 40,345 gallons per day in the spring of 1997 (there is no ADC because the community is not divided into individual units). We rebuilt the toilets in May of 1997 and the consumption dropped to 32,572 gallons per day. The uniqueness of this property illustrates our versatility in implementing programs that meet a wide range of needs.