

expected to reduce per capita water use in existing homes and businesses to 136 gallons per capita per day by 1984 and other construction per capita use to 117 gallons per day.

The retrofit program for present consumers included free distribution and installation of water-saving devices, including flow control inserts and low flow shower heads that restrict the flow to a maximum of 3.5 gallons per minute; door-to-door distribution of dye pills for leak detection; and weighted plastic bottles for tank installation. MMWD encourages installation of pressure reducing valves on domestic plumbing fixtures where needed to reduce water pressure to 50 pounds per square inch.

To encourage retrofitting, MMWD contacts consumers in two ways: (1) billing inserts, with a postage-paid return card to request water conservation devices, and (2) a door-to-door canvass by college students.

In all new construction, plumbing features such as 3.5 gallon toilet tanks, three gallons per minute shower heads and pressure reducing valves which restrict pressure to 50 pounds per square inch are required. Hot water pipes must be insulated and hot water recirculating systems are required.

As part of the overall water conservation program, MMWD:

- a. Evaluates landscaping in specified areas. In some areas, irrigation systems must be approved.
- b. Evaluates all proposed water conservation measures.
- c. Sets recycling requirements for car washing facilities.
- d. Requires the use of reclaimed waste water when it is available at reasonable costs.
- e. Requires the use of recycling and water saving devices as made possible by advancing technology.