

**RULE 143 - WATER EFFICIENCY STANDARDS FOR EXISTING NON-RESIDENTIAL USES**

- A. All Non-Residential Water Users within the District shall meet or exceed the following water efficiency standards before December 31, 2013:
1. Showerheads, Rain Bars, or Body Spray Nozzles shall be designed and manufactured to emit a maximum of 2.0 gallons per minute of water;
  2. Public Washbasins shall emit a maximum of 0.5 gallon of water per minute;
  3. Public Washbasins equipped with automatic shut off devices or sensor faucets shall operate with a maximum flow of 0.25 gallons per cycle;
  4. Private Washbasins (e.g., Washbasins in hotel or motel guest rooms and hospital patient rooms) shall emit a maximum of 1.5 gallons of water per minute;
  5. All other sinks shall be restricted to flow at a maximum of 2.2 gallons per minute;
- B. All existing Visitor-Serving Facilities shall be retrofitted exclusively with Ultra-Low Flush Toilets, except as provided by Rule 146 (Discretionary Exemptions).
- C. Replacement of toilets shall be with High Efficiency or Ultra High Efficiency Toilets.
- D. All Visitor-Serving Facilities shall, by December 31, 2013, be retrofitted exclusively with High Efficiency Urinals, High Efficiency Clothes Washers, and Water Efficient Ice Machines. There shall be an exception to this Rule when the Clothes Washer meets Energy Star specifications and was purchased and installed between December 31, 2006 and December 31, 2012. These appliances must comply with this provision by December 31, 2019.
- E. All Non-Residential structures shall be retrofitted exclusively with High Efficiency Toilets and High Efficiency Urinals by December 31, 2013, except as provided by Rule 146 (Discretionary Exemptions).
1. All Visitor-Serving Facilities that retrofit to 1.6 gallons-per-flush toilets pursuant to Rule 143-B shall be exempt from this toilet retrofit requirement.
  2. All Non-Residential uses with Ultra Low Flush Toilets installed prior to December 31, 2012, shall be exempt from this toilet retrofit requirement.
  3. On and after January 1, 2016, newly installed Urinals shall be Pint Urinals or Zero Water Consumption Urinals.
- F. All Clothes Washers installed in Non-Residential uses within the District shall meet the definition of High Efficiency Clothes Washer rated with a Water Factor of 5.0

or below by December 31, 2013. There shall be an exception to this Rule when the existing appliance was purchased between December 31, 2005 and December 31, 2012, and rates a Water Factor of 5.1-6.0.

- G. Non-Residential Car Washes. By December 31, 2013, all Non-Residential car wash facilities shall recycle and reuse a minimum of 50 percent of the water used in the wash and rinse cycles.
- H. Mobile Water Distribution Systems shall use water meters at the Source of Supply. Records of the location and quantity of water delivered shall be provided by the Owner or Operator to MPWMD upon request of the General Manager.
- I. Any or all portable Water-Measuring Device usage information, including the name of the User, the amount of water used, and the location of use shall be provided by the Water Distribution System Owner or Operator to MPWMD upon request.
- J. All pre-rinse spray valves shall meet or exceed the Rule 11 definition of Water Efficient Pre-Rinse Spray Valve by July 1, 2010.
- K. Newly installed medical or laboratory photographic and/or X-ray processing systems shall include a recirculation system for the rinse process. The use of digital systems is highly encouraged.
- L. The installation of a Rain Sensor and Soil Moisture Sensors on automatic Irrigation Systems that are not operated by a Weather-Based Irrigation System shall be encouraged.

*Rule added by Ordinance No. 30 (7/13/87); amended by Ordinance No. 31 (1/11/88); Ordinance No. 89 (7/21/97); Ordinance No. 125 (9/18/2006); Ordinance No. 141 (11/16/2009); Ordinance No. 151 (11/19/2012); Ordinance No. 170 (5/16/2016)*