



FINAL

RESOLUTION NO. 2020-01

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
AMENDING RULE 25.5, TABLE 4:
HIGH EFFICIENCY APPLIANCE CREDITS
FOR GRAYWATER AND RAINWATER
REUSE SYSTEMS**

WHEREAS District Rule 25.5-F-4-b *Water Use Credits and On-Site Water Credits* allows changes to Table 4: High Efficiency Appliances Credits; and

WHEREAS the 2013 California Plumbing Code allows for the reuse of treated Graywater and rainwater for flushing toilets and washing clothes; and

WHEREAS the Monterey County Health Department requires a backup water supply from a reliable source to augment a Graywater/rainwater system. This can be done by adding a Potable automatic fill valve to the storage tank. The Monterey County Health Department will approve and permit these systems; and

WHEREAS to qualify for a reduced toilet and/or clothes washer Water Use Capacity, the Graywater/rainwater system capacity shall meet 100 percent of projected annual demand with adequate storage to meet demand for an additional three days to ensure that the Potable water backup will not be used; and

WHEREAS the Board of Directors of the Monterey Peninsula Water Management District adopted Resolution 2019-09 on July 15, 2019 to amend Rule 25.5-F-4-b, *Water Use Credits and On-Site Water Credits*, Table 4: High Efficiency Appliance Credits, to include a Water Credit for the installation of a rainwater/Graywater system for toilet flushing and clothes washing in Multi-Family Dwellings; and

WHEREAS affordably priced Graywater systems for flushing toilets and washing clothes that area designed for Single-Family Dwellings are available on the market; and

WHEREAS Residential rainwater systems for toilet flushing and clothes washing are available on the market; and

WHEREAS installation and use of a Residential rainwater/Graywater system that complies with MPWMD conditions for approval shall reduce the fixture unit value by seventy-five percent (75%) for Residential applications; and

WHEREAS the District shall require water meters on the non-Potable inflow and outflow of the reuse system and on the Potable back-up connection to the system, along with annual reporting; and

WHEREAS the District will require a *Notice and Deed Restriction Regarding Limitation on Use of Water on a Property* specifying all conditions as a permanent requirement on the property title;

NOW, THEREFORE, the Board of Directors of the Monterey Peninsula Water Management District resolves that District Rule 25.5-F-4-b, *Water Use Credits and On-Site Water Credits*, Table 4: High Efficiency Appliance Credits, shall be amended as shown on Attachment 1 to allow a Water Credit for the installation of a rainwater/Graywater systems that are used for toilet flushing and/or clothes washing in a Residential application.

On motion of Director Evans, and second by Director Byrne, the foregoing resolution is duly adopted this 23rd day of January 2020, by the following vote:

AYES: Directors Evans, Byrne, Adams, Edwards, Hoffmann, Potter and Riley

NAYS: None

ABSENT: None

I, David J. Stoldt, Secretary to the Board of Directors of the Monterey Peninsula Water Management District, hereby certify that the foregoing is a resolution duly adopted on the 23rd day of January 2020.

Witness my hand and seal of the Board of Directors this 4th day of February 2020.



David J. Stoldt, Secretary to the Board of Directors

TABLE 4: HIGH EFFICIENCY APPLIANCE CREDITS

Appliance	Description	Water Use Credit in Fixture Units (FU)
High Efficiency Toilets	A toilet designed to have an average maximum flush of 1.3 gallons.	0.5 FU
Ultra-High Efficiency Toilet	A toilet designed and manufactured to flush with a maximum of 0.8 gallon of water and that is labeled by the U.S. Environmental Protection Agency’s WaterSense program.	1 FU
Instant-Access Hot Water System	A recirculating hot water system or other device(s) that results in hot water contact at every point of access throughout the Dwelling Unit within ten (10) seconds. Instant-Access Hot Water Systems shall be installed in each auxiliary building plumbed with hot water on a Single Family Residential Site. There shall be no Water Use Credit for installation of Instant-Access Hot Water Systems for New Structures.	0.5 FU
High Efficiency Dishwasher	A dishwasher designed to use a maximum of 5.8 gallons per cycle. A High Efficiency Dishwasher shall have Energy Star certification.	0.5 FU
High Efficiency Clothes Washer	A Clothes Washer with a Water Factor of 5.0 or less.	1 FU
Rainwater/Graywater Toilet Flushing System for Multi-Family Dwellings	A rainwater or Graywater recycling storage system used to flush toilet(s). System capacity shall meet 100% projected annual demand, plus three days.	75% of FU
Rainwater/Graywater Clothes Washing System for Multi Family Dwellings	A rainwater or Graywater recycling storage system used to wash clothes. System capacity shall meet 100% projected annual demand, plus three days.	75% of FU

Table 4 amended by Resolution 2008-03 (2/28/2008); Resolution 2009-10 (7/20/2009); Ordinance No. 140 (11/16/2009); Resolution 2009-14 (12/14/2009); Ordinance No. 151 (11/19/2012); Ordinance No. 156 (11/18/2013); Resolution 2019-09 (7/15/2019); Resolution 2020-01 (1/23/20)