

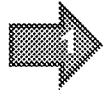
Submitted by
District staff
Item 9

Ordinance No. 151 Proposed Amendment #1
(Found on Page 123 of the 11/19/12 Board Packet)

Item 9: Consider Second Reading and Adoption of Ordinance No. 151--Amending Definitions, the Residential Fixture Unit Count, High Efficiency Appliance Credits, the Variance Process, Water Efficiency Standards and the Landscape Water Audits Rule

Section Four: Amendment of Rule 24, Table 1: Residential Fixture Unit Count

Rule 24, Table 1, Residential Fixture Unit Count, shall be amended as shown in bold italics (*bold italics*) and strikethrough (strikethrough).



	Water Fixture Description	Fixture Unit Value
1	Washbasin (lavatory sink), each	1
2	Two Washbasins in the Master Bathroom	1
3	Toilet, Ultra Low Flush (1.6 gallons per flush) (<i>>1.3 gallons per flush</i>)	1.7
4	Toilet, High Efficiency (HET) (1.3 gallons maximum)	1.3
5	<i>Toilet, Ultra High Efficiency (UHET) (0.8 gallon maximum)</i>	<i>0.8</i>
6	Urinal (1.0 gallon-per-flush)	1
6	Urinal, High Efficiency (0.5 gallon-per-flush)	0.5
7	Urinal, Zero Water Consumption	0
8	Bathtub, (may be Large with Showerhead above) & Separate Shower in the Master Bathroom	3
9	Bathtub, Large (may have Showerhead above)	3
10	Bathtub, Standard (may have Showerhead above)	2
11	Shower, Separate Stall (one Showerhead)	2
12	Shower, each additional fixture (including additional Showerheads, Body Spray Nozzles, etc.)	2
13	Shower System, Rain Bars, or Custom Shower (varies according to specifications)	2
14	Kitchen Sink (including optional adjacent Dishwasher)	2
15	Kitchen Sink with adjacent High Efficiency Dishwasher (5.8 gallons maximum per cycle)	1.5
16	Dishwasher, each additional (including optional adjacent sink)	2
17	Dishwasher, High Efficiency, each additional (including optional adjacent sink) [5.8 gallons maximum per cycle]	1.5
18	Laundry Sink/Utility Sink (debit/Connection Charge applies to only one Laundry/Utility Sink per Residential Site)	2
19	Clothes Washer	2
20	Clothes Washer, High Efficiency (HEW) (Water Factor of 5.0 or less)	1
21	Bidet	2
22	Bar Sink	1
23	Entertainment Sink	1
24	Vegetable Sink	1
25	Swimming Pool (each 100 square-feet of pool surface area)	1
26	For all new Connections -- Refer to Rule 24-A-5, Exterior Residential Water Demand Calculations.	

Ordinance No. 151 Proposed Amendment #2 and #3

(Found on Page 124 of the 11/19/12 Board Packet)

Item 9: Consider Second Reading and Adoption of Ordinance No. 151--Amending Definitions, the Residential Fixture Unit Count, High Efficiency Appliance Credits, the Variance Process, Water Efficiency Standards and the Landscape Water Audits Rule

Section Six: Amendment of Rule 25.5

Rule 25.5, Table 4, High Efficiency Appliance Credits, shall be amended as shown in bold italics (*bold italics*) and strikethrough (~~strikethrough~~).

TABLE 4: HIGH EFFICIENCY APPLIANCE CREDITS

Appliance	Description	Water Use Credit in Acre-Feet
High Efficiency Toilets	A toilet designed to have an average maximum flush of 1.3 gallons.	0.004 0.005 AFA
<i>Ultra High Efficiency Toilet</i>	<i>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.</i>	0.005 AFA
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 structure <i>Dwelling Unit</i> within ten (10) seconds. <i>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.</i>	0.005 AFA
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.	0.005 AFA
High Efficiency Clothes Washer	A washing machine <i>Clothes Washer</i> with a Water Factor of 5.0 or less.	0.010 AFA

Ordinance No. 151 Proposed Amendment #4

Item 9: Consider Second Reading and Adoption of Ordinance No. 151--Amending Definitions, the Residential Fixture Unit Count, High Efficiency Appliance Credits, the Variance Process, Water Efficiency Standards and the Landscape Water Audits Rule

FINDING 23 (in draft ordinance) states:

This ordinance modifies the Monterey Peninsula Water Management District's toilet standard for Residential and Non-Residential New Construction, Changes of Ownership, Changes of Use, and Expansions of Use is changed from Ultra Low Flush (ULF) to High Efficiency Toilets (HET) or Ultra High Efficiency Toilets (UHET). The average water savings for HET is estimated by the California Urban Water Conservation Council to be 38 gallons per day (gpd) when replacing a non-ULF Toilet (i.e. 3.5 gallons per flush or higher) and 7 gpd when replacing an ULF.

Proposed Amendment: Insert as Section 8-H, and renumber the remainder of the section:

Rule 142-E-1, Residential and Non-Residential Change of Ownership, Change of Use, and Expansion of Use Water Efficiency Standards, shall be amended as shown in bold italics (***bold italics***) and strikethrough (strikethrough).

1. ~~Ultra Low Flush~~ ***High Efficiency*** Toilets shall be installed;