



RESOLUTION NO. 2010-15

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
AMENDING RULE 24 - TABLE 1: RESIDENTIAL FIXTURE UNIT COUNT VALUES
AND TABLE 2: NON-RESIDENTIAL WATER USE FACTORS**

WHEREAS District Rule 24-A.1.b *Residential Calculation of Water Use Capacity*, allows changes to Table 1: Residential Fixture Unit Count Values through Resolution of the Board of Directors, and;

WHEREAS District Rule 24-B *Non-Residential Calculation of Water Use Capacity*, allows changes to Table 2: Non-Residential Water Use Factors through Resolution of the Board of Directors, and;

WHEREAS the District has amended the exterior water use calculations for Residential and Non-Residential uses to use the Estimated Total Water Use (ETWU) as the appropriate outdoor water demand estimate. The ETWU is a more accurate reflection of water use and is required under the State Model Water Efficient Landscape Ordinance in Ordinance No 145 that amends Rule 24, Table 1: Residential Fixture Unit Count Values and Table 2: Non-Residential Water Use Factors and that were effective on December 1, 2010; and

WHEREAS amendment of Table 1: Residential Fixture Unit Count Values and Table 2: Non-Residential Water Use Factors to reflect the new criteria is in compliance with the direction of Ordinance No. 145.

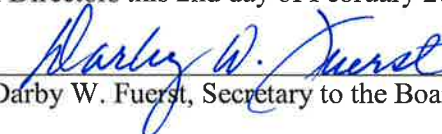
NOW, THEREFORE, the Board of Directors of the Monterey Peninsula Water Management District resolves that Table 1: Residential Fixture Unit Count Values and Table 2: Non-Residential Water Use Factors shall be amended to reflect the amendment to the exterior water use calculations made in Ordinance No. 145, as shown in ***bold/italics*** and ~~strike through~~ on Attachments 1 and 2.

On motion of Director Markey, and second by Director Brower, the foregoing resolution is duly adopted this 13th day of December 2010, by the following vote:

AYES: Directors Markey, Brower, Doyle, Lehman, Pendergrass and Potter
NAYS: None
ABSENT: None

I, Darby W. Fuerst, 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 13th day of December 2010.

Witness my hand and seal of the Board of Directors this 2nd day of February 2011.



Darby W. Fuerst, Secretary to the Board of Directors

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ATTACHMENT 1

TABLE 1: RESIDENTIAL FIXTURE UNIT COUNT VALUES

| | 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) | 1.7 |
| 4 | Toilet, High Efficiency (HET) (1.3 gallons maximum) | 1.3 |
| 5 | 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-foot of pool surface area) | 1 |
| 26 | Outdoor Water Uses (new Connection only) — (Lot size of 10,000 square feet or less) (1) 50% total interior fixture units; (2) 25% interior fixture unit count when restricted by Jurisdiction mandate and enforcement to native Landscaping only. <i>For all new Connections – Refer to Rule 24-A-5, Exterior Residential Water Demand Calculations.</i> | |
| 27 | Outdoor Water Uses (new Connection only) — (Lot size exceeding 10,000 square feet) (1) 50% total interior fixture units, or based on Maximum Applied Water Allowance (MAWA), whichever is greater. (2) 25% interior fixture unit count when restricted by Jurisdiction mandate and enforcement to native Landscaping only. | |

¹When a Kitchen Sink exists without the benefit of a Dishwasher, a Dishwasher may be added without a Water Permit.

Table amended by Resolution 2009-11 (8/17/2009); Ordinance No. 140 (11/16/2009); Resolution 2009-13 (12/14/2009); Resolution 2010-15 (12/13/2010)

ATTACHMENT 2

TABLE 2: NON-RESIDENTIAL WATER USE FACTORS

| | | | | | | |
|---|------------|----------------|-----------------------------------|------------------------------|------|-----|
| <u>Group I - Low to Moderate Use</u> | | | | <u>0.00007 AF/SF</u> | | |
| Auto Uses | Retail | Warehouse | Dental/Medical/Veterinary Clinics | Fast Photo | | |
| Church | Nail Salon | Family Grocery | Office | School | Bank | Gym |
| <u>Group II – High Use</u> | | | | <u>0.0002 AF/SE</u> | | |
| Bakery | Pizza | Coffee House | Supermarket/Convenience Store | | | |
| Dry Cleaner | Deli | | Sandwich Shop | | | |
| <u>Group III- Miscellaneous Uses - Each Category is Calculated Separately</u> | | | | | | |
| Assisted Living (more than 6 beds) | | | | 0.085 per bed | | |
| Beauty Shop/Dog Grooming | | | | 0.0567 AF/station | | |
| Child Care | | | | 0.0072 AF/child | | |
| Dormitory ¹ | | | | 0.040 AF/room | | |
| Gas Station | | | | 0.0913 AF/pump | | |
| Laundromat | | | | 0.200 | | |
| Meeting Hall | | | | 0.00053 AF/sf | | |
| Motel/Hotel/Bed and Breakfast: | | | | 0.100 AF/room | | |
| w/Large Bathtub (add to room factor) | | | | 0.030 AF/tub | | |
| Irrigated areas not immediately adjacent (i.e. within 10 feet of any building): | | | MAWA | | | |
| Plant Nursery | | | | 0.00009 AF/sf total land | | |
| Public Toilets | | | | 0.058 AF/toilet | | |
| Public Urinals | | | | 0.036 AF/urinal | | |
| Zero Water Consumption Urinal(s) | | | | No value | | |
| Restaurant (General/Bar): | | | | 0.020 AF/seat | | |
| Restaurant (24-Hour & Fast Food): | | | | 0.038 AF/seat | | |
| Self-Storage | | | | 0.0008 AF/storage unit | | |
| Skilled Nursing | | | | 0.120 AF/bed | | |
| Spa | | | | 0.050 AF/spa | | |
| Swimming Pool | | | | 0.020 AF/100 sf surface area | | |
| Theater | | | | 0.0012 AF/seat | | |

Group IV- Modified Non-Residential Uses – Users listed in this category have reduced water Capacity from the types of us listed in Groups I-III and have received a Water Use Credit for modifications. The General Manager shall maintain a list specific properties in this Group that have received a Water Use Credit pursuant to Rule 25.5 for permanent reduction in use.

Outdoor water use (new Connection only) shall be added to the factored total and shall be the MAWA for the irrigated area beyond the adjacent 10' as determined by a landscape plan and Landscape Water Budget prepared for the Site. *For all new Connections – Refer to Rule 24-B-2, Exterior Non-Residential Water Demand Calculations.*

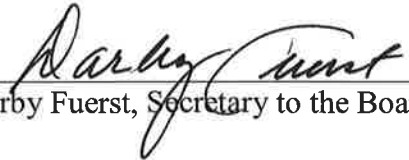
Note: Any Non-Residential water use which cannot be characterized by one of the use categories set forth in Table 2 shall be designated as “other” and assigned a factor which has a positive correlation to the anticipated Water Use Capacity for that Site.

¹ Dormitory water use at educational facilities is a Residential use although the factor is shown on Table 2.

Note: Unenclosed structures are exempt from the Non-Residential Permit requirements and have no Water Credit value. Table amended by Ordinance No. 125 (9/29/2006); Resolution 2008-01 (1/24/2008); Resolution 2010-15 (12/13/2010)

COPY CERTIFICATION

I, Darby Fuerst, Secretary to the Board of Directors of the Monterey Peninsula Water Management District, hereby certify the foregoing is a full, true and correct copy of Resolution No. 2010-15 duly adopted on the 13th of December, 2010.



Darby Fuerst, Secretary to the Board



Date