

# Monterey Peninsula Water Management District

5 Harris Court, Bldg. G - P.O. Box 85 - Monterey, CA 93942-0085 - (831) 658-5601 - Fax (831) 644-9558 – www.mpwmd.net

## HOW TO CALCULATE RESIDENTIAL CONSTRUCTION PROJECTS

For remodel and addition permits, the same Water Permit process applies to calculating the fees as for new Connections, except that no charge is made for exterior uses. Table I may be applied to remodels/additions in the same way new Construction permits are calculated. Total the number of fixture units to be added to the property. Multiply the total by \$293.29 to determine the Water Permit Capacity Fees.

**TABLE I: RESIDENTIAL FIXTURE UNIT COUNT**

| TYPE OF FIXTURE  | NO. OF<br>FIXTURES | FIXTURE<br>UNIT<br>VALUE | FIXTURE<br>UNIT COUNT |
|--|--------------------|--------------------------|-----------------------|
| Washbasins   | _____              | x 1.0                    | = _____               |
| Two Washbasins in the Master Bathroom  | _____              | x 1.0                    | = _____               |
| Toilet, Ultra Low Flush (1.6 gallons-per-flush)  | _____              | x 1.8                    | = _____               |
| Toilet, High Efficiency (HET) (1.28 gallons maximum)*  | _____              | x 1.3                    | = _____               |
| Toilet, Ultra High Efficiency (UHET) (0.8 gallon maximum)*                                   | _____              | x 0.8                    | = _____               |
| Urinal, Pint (0.125 gallon maximum)  | _____              | x 0.1                    | = _____               |
| Urinal, Zero Water Consumption   | _____              | x 0.0                    | = _____               |
| Master Bathroom only (one per Dwelling): Bathtub may be Large & Separate Shower              | _____              | x 3.0                    | = _____               |
| Large Bathtub (may have Showerhead above)  | _____              | x 3.0                    | = _____               |
| Standard Bathtub or Shower Stall (with one showerhead)                                       | _____              | x 2.0                    | = _____               |
| Shower, each additional fixture (including additional Showerheads, Body Spray Nozzles, etc.) | _____              | x 2.0                    | = _____               |
| Shower System, Rain Bars, or Custom Shower (varies according to specifications)              | _____              | x 2.0                    | = _____               |
| Kitchen Sink (including optional adjacent Dishwasher)  | _____              | x 2.0                    | = _____               |
| Kitchen Sink with adjacent High Efficiency Dishwasher*                                       | _____              | x 1.5                    | = _____               |
| Dishwasher, each additional (including optional adjacent sink)                               | _____              | x 2.0                    | = _____               |
| Dishwasher, High Efficiency each additional (including optional adjacent sink)*              | _____              | x 1.5                    | = _____               |
| Laundry Sink/Utility Sink (one Sink per Residential Site)                                    | _____              | x 2.0                    | = _____               |
| Clothes Washer   | _____              | x 2.0                    | = _____               |
| Clothes Washer, High Efficiency (HEW) with a water factor of 5.0 or less.*                   | _____              | x 1.0                    | = _____               |
| Bidet  | _____              | x 2.0                    | = _____               |
| Bar Sink   | _____              | x 1.0                    | = _____               |
| Entertainment Sink   | _____              | x 1.0                    | = _____               |
| Vegetable Sink   | _____              | x 1.0                    | = _____               |
| Swimming Pool (each 100 square-feet of pool surface area)                                    | _____              | x 1.0                    | = _____               |
| <b>For New Connection Outdoor water use Refer to District Rule 24-A5</b>                     |                    |                          |                       |
| <b>“Exterior Residential Water Demand Calculations”</b>                                      |                    |                          |                       |
| <br>   |                    |                          |                       |
| <b>TOTAL FIXTURE UNIT COUNT</b>  |                    |                          | = _____               |

*\* Requires Deed Restriction*

Credit is available for installing District-approved water saving devices. Please ask for a copy of the current credit list. Installing items listed on the credit sheet will reduce the cost of the permit. Inform staff of any credits before the permit is issued.

**To calculate exterior water use (NEW CONSTRUCTION ONLY):** An Estimated Total Water Use (ETWU) calculation with landscape plans must be included. Multiply the total number of fixture units including landscaping by the Capacity Fee as established by the MPWMD.

As of July 1, 2018, Capacity fee amount is \$293.29 per fixture unit in the CAW main system; in addition, an administrative processing fee of \$225 per Dwelling Unit. Amendments to existing water permits are processed for \$135 per dwelling unit.

|                           |   |             |                           |   |                   |   |       |
|---------------------------|---|-------------|---------------------------|---|-------------------|---|-------|
| Total Fixture Count _____ | x | 0.01= _____ | Acre Feet of water needed | x | Capacity Fee      | = | _____ |
|                           |   |             |                           |   | Processing Fee    | = | _____ |
|                           |   |             |                           |   | <b>Total Fees</b> | = | _____ |