

## CCSD RETROFIT REQUIREMENTS UPON EXPANSION OF USE

Per Title 4, Chapter 4 of the CCSD District Code, including revisions effective 08/22/2013

**4.16.060 Requirements upon expansion of use.** All residential, commercial, public authority, and industrial reconstruction, remodels or additions that add or change bathroom plumbing fixtures, and/or increase floor area by twenty (20) percent or greater of the existing floor area shall meet "new construction" high-efficiency water-use plumbing fixture standards for the entire facility, including retrofitting of existing plumbing fixtures as identified in Section 4.16.030.

**Failure to install** high-efficiency water-use plumbing and plumbing fixtures or unauthorized replacement with low-efficient alternatives is a **misdemeanor offense** per California Water Code Section 377.

The Retrofit Verification form can be found online [here](#). All retrofits must be certified by a licensed contractor or plumber.

FIXTURE	RETROFIT REQUIREMENT
<b><u>TOILETS</u></b>	<b>1.28 gallons per flush or dual flush of 1.6 gallons per flush.<sup>1</sup></b>
<b><u>SHOWER HEADS</u></b>	<b>1.5 gallons per minute (gpm) flow plus shutoff valve</b> located on or near the showerhead.
<b><u>PRESSURE REGULATORS</u></b>	Shall be installed and set at <b>50 pounds per square inch maximum</b> at all locations served by the District's water distribution system.
<b><u>FAUCETS:</u></b>	<b>Kitchen/Bar/Utility sinks</b> shall be equipped with <b>faucet aerators or flow restrictors at the angle stop</b> and be of a design that limits the maximum flow to <b>1.5 gpm</b> . Commercial <b>pre-rinse spray valves</b> shall be provided at restaurant and similar food-service wash sinks and be rated at no greater than <b>1.6 gpm</b> .
	<b>Lavatory sinks</b> shall be equipped with <b>faucet aerators or flow restrictors at the angle stop</b> that limit the maximum flow to <b>0.5 (one-half) gpm</b> .
	<b>Hose bibs</b> shall be equipped with restrictor and <b>anti-siphon valves (vacuum breakers)</b> that limit the maximum flow to 4.0 gpm.
<b><u>DISHWASHERS &amp; WASHING MACHINES</u></b>	Residential/Commercial <sup>2</sup> clothes washers shall be <b>ENERGY STAR certified</b> and have an <b>integrated water factor of no greater than 4.0</b> . Residential dishwashers shall be <b>ENERGY STAR certified</b> and shall use <b>no more than 3.5 gallons per cycle</b> . Commercial dishwashers shall be reviewed by the CCSD prior to installation. Visit <a href="http://www.energystar.gov/products/">www.energystar.gov/products/</a> to search for appliances that meet the above requirements.

*For questions about this handout please contact the CCSD at (805) 927-6116*

<sup>1</sup> Dual flush 1.6 gpf toilets may achieve greater savings than 1.28 gpf single flush toilets. As a voluntary measure the CCSD further suggests considering .80 gpf Niagara Stealth Toilets.

<sup>2</sup> See CCSD Code for Commercial applications using machines with greater than 20 pounds of laundry capacity per load.