

CCSD Water Conservation and Water Use Efficiency Requirements for New Construction¹

All new construction projects must be exclusively serviced with **high-efficiency water-use plumbing and plumbing fixtures**. See CCSD Municipal Code 4.16.030 for more information. **Failure to install and maintain** high-efficiency water-use plumbing and plumbing fixtures or unauthorized replacement with low-efficiency alternatives is a **misdemeanor offense** under California Water Code Section 377.

2016 CALGreen Code Mandatory Measures. Unless there is a conflict with CCSD requirements, the following CALGreen mandatory measures shall be followed: **Sections 4.303.1 and 4.303.2**. In cases of conflict, the provisions of the CCSD shall be followed.

CCSD Exceptions and Additions to 2016 CALGreen Code Measures:

FIXTURES	RETROFIT REQUIREMENT
<u>SHOWER HEADS</u>	Shall limit the maximum flow to 1.5 gallons per minute and shall have a shutoff valve located on or near the showerhead .
<u>PRESSURE REGULATORS</u>	Shall be installed and set at 50 pounds per square inch maximum at all locations served by the District's water distribution system.
<u>FAUCETS</u>	Kitchen/Bar/Utility sinks shall be equipped with faucet aerators and be of a design that limits the maximum flow to 1.5 gallons per minute .
	Lavatory (bathroom) sinks shall be equipped with faucet aerators that limit the maximum flow to 0.5 (one-half) gallons per minute .
	Hose bibs shall be equipped with restrictor and anti-siphon valves (vacuum breakers) that limit the maximum flow to 4.0 gallons per minute.
<u>DISHWASHERS & WASHING MACHINES</u>	Residential/Commercial ² clothes washers shall be ENERGY STAR certified and have an integrated water factor of no greater than 4.0 . Residential dishwashers shall be ENERGY STAR certified and shall use no more than 3.5 gallons per cycle . Commercial dishwashers shall be reviewed with by the CCSD prior to installation. Visit www.energystar.gov/products/ to search for appliances that meet the above requirements.
<u>POINT OF USE RECYCLED WATER</u>	Separate black and grey water sewer systems shall be installed. Separate potable and non-potable water lines shall be installed. Grey water shall be treated and disinfected using a point-of-use recycled water system prior to reuse for toilet flushing and other non-potable uses. Point-of-use recycled water systems shall be reviewed and approved by the CCSD prior to installation. A reduced-pressure backflow preventer shall be installed on all water services entering the property. Cross connection testing between potable and non-potable systems shall be completed to the CCSD's satisfaction prior to operation.
<u>OUTDOOR WATER USE</u>	No potable irrigation water shall be allowed for outdoor irrigation. Use of native, drought-tolerant plants is recommended to minimize irrigation from non-potable water.

For questions about this handout please contact the CCSD at (805) 927-6223.

¹ Per Title 4, Chapter 4 of the CCSD District Code including changes adopted by Ordinance 03-2013 approved on 8/22/2013.

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