

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 or flow restrictors at the angle stop 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 or flow restrictors at the angle stop 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 4.3 . Residential dishwashers shall be ENERGY STAR certified and shall use no more than 3.5 gallons per cycle . Commercial dishwashers shall be reviewed by the CCSD prior to installation. Visit www.energystar.gov/products/ to search for appliances that meet the above requirements.
<u>NON-POTABLE IRRIGATION SYSTEM</u>	Owners of building parcels of eight thousand (8,000) square feet or more are required to install, on their own parcel, non-potable irrigation water cisterns with a minimum capacity of three thousand (3,000) gallons with collection-distributions systems, prior to receiving final occupancy approval. A reduced-pressure backflow preventer shall be installed on all water services entering the property. Use of native, drought-tolerant plants is required to minimize irrigation from non-potable water.
<u>HOT WATER SYSTEM PLUMBING</u>	Hot water delivery systems shall be in conformance with Paragraph 3.3 of EPA WaterSense New Home Specification (Version 1.2, effective July 24, 2014). Hot water piping located within or under concrete slabs shall be insulated and contained in chase or conduit.

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.