

## AB 2282: Outline of Building Standard Regulations in Parts 5 and 11 (BSC)

### A. AMENDMENTS TO THE 2016 CALIFORNIA PLUMBING CODE (PART 5, TITLE 24, CCR)

1. BSC and HCD propose to amend Part 5, Chapter 2 to include new and updated definitions to align with Title 22, Division 4, Chapter 3.
2. BSC and HCD propose to amend Part 5, Chapter 15 as follows:
  - a. **Scope**, including language of intent specific to the charges and conditions outlined in AB 2282, where municipal water sources are, and are planned for future development. Local authorities will establish the plan, criteria and limitations for their recycled water service areas. **Beneficial Uses** clarifies the allowable functions where recycled water may be put to use. Purpose may vary dependent upon occupancy type, site locations, and functional building areas. Feasible uses and constraints may be dependent upon the **Minimum Water Quality Requirements** for Recycled Water, inclusive of those listed in Title 22.
  - b. **Permitting**, including consultation with local public health departments will address the potential risks to the general public. Water and building department requirements will address property owner and occupant health and safety review. The permitting process may specify design and submittal requirements for building and water department approvals. Owners and occupants may require additional information for their safety, maintenance and function of their recycled water system.
  - c. **Recycled Water Systems** further takes the acceptable beneficial uses and identifies the piping material and system appurtenances required for each point of use. Consideration should be made from the service connection on the property to each interior and exterior point of use. **Notification** of recycled water service addresses the identification of the non-potable piping, fittings and system components. There should be expected labels, signs and warnings at points of use to alert users, service persons and others for awareness. **Backflow prevention and cross connection controls** will be required to protect the potable systems on site and in the building for the health and safety of the owners, occupants, and the public. System components may require certain standards for recycled water purposes.
  - d. **Maintenance and Inspection** requirements will assure the health and safety for system users by establishing acceptance and periodic maintenance testing of minimum requirements and approved design,

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and verification by the authorities having jurisdiction. Periodic service and inspection schedule may assure serviceability for the life of the systems and that all prescriptive safety requirements are being maintained. Cross connection control discovery and testing assures the health of the potable supply and potable service on-site.

- e. For ease of use, design and enforcement, **Recycled Water Systems [BSC-CG]** will include cross-code references between Part 5; California Plumbing Code and Part 11, California Green Building Standards Code (CALGreen) regarding the mandate for recycled water system installation all new nonresidential occupancies.
  - f. Term revisions to change “Reclaimed (Recycled) Water” to “Recycled Water” throughout Part 5, Chapter 15.
3. Discussion of the status for **Chapter 16A [DWR]**. The model plumbing code has renumbered NON-POTABLE WATER SYSTEMS from Chapter 16 to Chapter 15.
  4. **Cost & Expenses** should include the implementation and installation costs of those projects and estimates of savings of potable water for recycled water. General facilities charges and recycled water rates may be part of this formula.

### **B. AMENDMENTS TO THE 2016 CALIFORNIA GREEN BUILDING STANDARDS CODE (PART 11, TITLE 24, CCR, AKA “CALGREEN”)**

1. BSC propose to amend Part 11, Chapter 2 to revise definitions to align with those in the California Plumbing Code.
2. BSC proposes to amend Part 11, **Section 5.305 Water Reuse Systems** to include new language specific to water reuse systems applicable under the AB 2282 mandate.