# APPROVED BY THE CALIFORNIA BUILDING STANDARDS COMMISSION

# JULY 13, 2020

# FINAL EXPRESS TERMS FOR PROPOSED BUILDING STANDARDS OF THE DEPARTMENT OF WATER RESOURCES REGARDING THE 2019 CALIFORNIA PLUMBING CODE, CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 5

# (DWR 01/19)

The state agency shall draft the regulations in plain, straightforward language, avoiding technical terms as much as possible and using a coherent and easily readable style. The agency shall draft the regulation in plain English. A notation shall follow the express terms of each regulation listing the specific statutes authorizing the adoption and listing specific statutes being implemented, interpreted, or made specific (Government Code Section 11346.2(a)(1)).

If using assistive technology, please adjust your settings to recognize underline, strikeout, italic and ellipsis.

## LEGEND for EXPRESS TERMS (Based on model codes - Parts 2, 2.5, 3, 4, 5, 9, 10)

* Model Code language appears upright
* Existing California amendments appear in *italic*
* Amended model code or new California amendments appear *underlined & italic*
* Repealed model code language appears ~~upright and in strikeout~~
* Repealed California amendments appear in *~~italic and strikeout~~*
* Ellipsis (...) indicate existing text remains unchanged

# FINAL EXPRESS TERMS

# 1. DWR proposes to amend sections 1503, 1505, 1506 of Chapter 15 of the CPC as follows:

## CHAPTER 15

## ALTERNATIVE WATER SOURCES FOR NONPOTABLE APPLICATIONS

**1503.0 Gray Water Systems**

**1503.3 Connections to Potable and Reclaimed (Recycled) Water Systems.** Gray water systems shall have no *direct* connection to a potable water supply, on-site treated nonpotable water supply, or reclaimed (recycled) water *supply* systems.

***Exceptions:***

1. Potable *water*, on-site treated nonpotable *water*, reclaimed (recycled) water*, or rainwater* is permitted to be used as makeup water for a non-pressurized *storage tank* provided the connection is protected by an air gap in accordance with this code.
2. *A potable water supply may be connected temporarily for the initial cross-connection test~~ing~~ of the untreated graywater system as required in Section 1502.3.2.*

**1505.0 Recycled Water *Supply* Systems *in Buildings.***

**1505.4 Connections to Potable or Recycled Water *Supply* Systems.** Recycled water *supply* systems shall have no *direct* connection to a potable water supply or alternate water source system.

***Exceptions:***

1. Potable water is permitted to be used as makeup water for a reclaimed (recycled) water storage tank provided the *potable* water supply inlet is protected by an air gap in accordance with this code*.*
2. *A potable water supply may be connected temporarily for initial testing of the recycled water supply system as provided in Section 1505.13.2.2. Prior to temporarily connecting the potable line to the recycled water supply system for the initial cross-connection test~~ing~~ purposes, the potable line must have a reduced-pressure principle backflow preventer installed.*
3. *Reclaimed (recycled) water is permitted to be used as makeup water for an alternate water source system provided the recycled water supply system is protected by an air gap in accordance with this code.*
4. WITHDRAWN

***1505.13 Inspection and Testing.*** *Recycled water…*

***1505.13.2 Cross-Connection Inspection and Testing.*** *An initial visual inspection and an initial cross-connection test shall be performed on both the potable and recycled water supply systems before the initial operation of the* *reclaimed (recycled) water source system. During an initial or subsequent cross-connection test, the potable and reclaimed (recycled) water source system shall be isolated from each other and independently inspected and tested to ensure there is no cross-connection in accordance with Section 1505.13.2.2. Initial or subsequent inspections or tests shall be performed in accordance with Section 1503.13.2.1 through Section 1503.13.2.4.*

***1505.13.2.2 Cross-Connection Test.*** *A cross-connection …*

*(6) The recycled water supply system shall then be activated and pressurized. For the initial cross-connection test, a temporary connection to a potable water supply shall be required to test the recycled water supply system plumbing. At the conclusion of the initial cross-connection test, the temporary connection to the potable water supply shall be disconnected.*

**1506.0 On-Site Treated Nonpotable *Gray* Water Systems.**

**1506.4 Connections to Potable or Reclaimed (Recycled) Water Systems.** On-site treated nonpotable *gray* water systems shall have no *direct* connection to a potable water supply or recycled water *supply* system.

***Exceptions:***

1. Potable or reclaimed (recycled) water is permitted to be used as makeup water for a non-pressurized storage tank provided the makeup water supply *inlet* is protected by an air gap in accordance with this code.
2. *A potable water supply may be connected temporarily for the initial cross-connection ~~testing~~ test of the on-site treated nonpotable gray water system as provided in Section 1502.3.2.*

**Notation:**

Authority: Water Code Section: 13557.

Reference(s): Water Code Sections: 13551, 13552.2, 13552.4, 13552.6, 13552.8, 13553, 13554, 13555.3, 13557.