

City of



DEVELOPMENT AND RESOURCE MANAGEMENT DEPARTMENT

BUILDING AND SAFETY SERVICES DIVISION
2600 FRESNO STREET • THIRD FLOOR • ROOM 3043
FRESNO, CALIFORNIA 93721-3604
(559) 621-8082 • FAX (559) 498-4357
www.fresno.gov

JENNIFER K. CLARK, AICP, HDFP
DEPARTMENT DIRECTOR

BUILDING INDUSTRY BULLETIN

EFFECTIVE DATE: *October 23, 2017*

TO: *ARCHITECTS, ENGINEERS, GENERAL CONTRACTORS, and ASSOCIATIONS*

SUBJECT: **BACKFLOW REQUIREMENTS FOR TEMPORARY CONNECTIONS**

BULLETIN NUMBER: **17-01**

FROM:



Brian T. Leong, C.B.O.
Building Official/Building and Safety Services Manager

The City of Fresno will be following AWWA C651-14, Disinfecting Water Mains, specifically section 4.8, sub section 4.8.9, *Backflow Protection (Optional)*. * As an optional procedure (if required by the purchaser), the new water main shall be kept isolated from the active distribution system using a physical separation until satisfactory bacteriological testing has been completed and the disinfection water flushed out. Water required to fill the main for hydrostatic pressure testing, disinfection, and flushing shall be supplied through a temporary connection between the distribution system and the new main or other supply source approved by the purchaser. The temporary connection shall include an appropriate cross-connection control device consistent with the degree of hazard (a double check valve assembly or a reduced pressure zone assembly) and shall be disconnected (physically separated) from the new main during the hydrostatic pressure test. It will be necessary to reestablish the temporary connection after completion of the hydrostatic pressure test to flush out the disinfectant water prior to final connection of the new main to the distribution system.

*Optional Sec, 4.8.9 is not included as part of the standard unless required by the purchase.

Backflow device to be supplied by the constructor, supplier. Refer to City standard drawing W-43. This requirement is also endorsed by the State Regional Water Control Board, Division of Drinking Water.