

## CHAPTER 5 – BUILDINGS AND BUILDING REGULATIONS

Sec. 5-114. Where protection required.

(a) A backflow prevention assembly approved by the officer shall be installed on each water service line to a customer's water system. Such approved backflow prevention assembly shall be installed prior to issuance of any certificate of occupancy for the structure to which the water system will provide service.

(b) An approved backflow prevention assembly shall be installed on each water service line to a consumer's water system where the following conditions exist:

- (1) Premises having an auxiliary water system, unless such auxiliary water system is accepted as an additional source by the city and the source is approved by the agency and the council.
- (2) Premises where any substance exists which can create an actual or potential hazard to the public water supply system.
- (3) Premises having internal cross-connections that, in the judgment of the officer, are not correctable or intricate plumbing arrangements which made it impractical to determine whether or not cross-connections exist.
- (4) Premises where, because of security requirements or other prohibitions or restrictions, it is impossible or impractical to make a complete cross-connections survey.
- (5) Premises having a repeated history of cross-connections being established or reestablished.
- (6) Premises which utilize non-potable or reclaimed water.

(c) An approved backflow prevention assembly shall be installed on each water line to a consumer's water system serving, but not necessarily limited to, the following types of facilities or to isolate specific equipment or hazards unless the officer determines that no actual or potential hazard to the public water supply system exist:

- (1) Aircraft and missile plants, RP.
- (2) Animal clinics and animal grooming shops, RP.
- (3) Automotive plants, RP.
- (4) Auxiliary water systems (interconnected), RP.
- (5) Auxiliary water systems (not interconnected), RP.

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- (6) Beverage bottling plants, RP.
- (7) Breweries, RP.
- (8) Buildings greater than three (3) stories or greater than thirty-four (34) feet in height from curb level, RP.
- (9) Buildings with house pumps and/or potable water storage tank, RP.
- (10) Canneries, packing houses and reduction plants, RP.
- (11) Carbonated beverage equipment, Stainless Steel, RP.
- (12) Car wash facilities or car washes with water reclamation system, RP.
- (13) Centralized heating and air conditioning plants, RP.
- (14) Chemical plants, RP.
- (15) Chemically treated potable or nonpotable water systems, RP.
- (16) Commercial laundries, RP.
- (17) Cooling tower, boiler, condenser, chiller, and other cooling systems, RP.
- (18) Dairies and cold storage plants, RP.
- (19) Decorative fountain, baptismal, pond, or any location water is exposed to atmosphere, RP or Air Gap.
- (20) Dye works, RP.
- (21) Film processing laboratories, RP.
- (22) Food processing plants, RP.
- (23) High schools, grade schools, day-care centers, and colleges, RP.
- (24) Holding tank disposal stations, RP.
- (25) Hospitals and mortuaries, RP.

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- (26) Medical and dental buildings or suites, sanitariums, rest and convalescent homes, RP.
- (27) Mobile home and travel trailer parks, RP.
- (28) Irrigation systems (premises having separate systems such as parks, playgrounds, cemeteries, golf courses, schools, estates, ranches, etc.), RP.
- (29) Laboratories using toxic materials, RP.
- (30) Manufacturing, processing and fabricating plants using toxic materials, RP.
- (31) Manufacturing, processing and fabricating plants using nontoxic materials, RP.
- (32) Motion picture studios, RP.
- (33) Non-Carbonated beverage equipment, DC.
- (34) Oil and gas production facilities, RP.
- (35) Paper and paper production plants, RP.
- (36) Pesticide, herbicide, fertilizer, and chemical applicators, RP.
- (37) Plating plants, RP.
- (38) Radioactive materials processing facilities, RP.
- (39) Restricted, classified or other closed facilities, RP.
- (40) Recreational vehicle dump stations (sewer), or any other location where water may be exposed to bacteria, virus or gas, RP.
- (41) Rubber plants, RP.
- (42) Sand and gravel plants, RP.
- (43) Sewage and storm drainage facilities, RP.
- (44) Any premises where a cross-connection is maintained, RP.
- (45) Water trucks, temp. water storage units, hydraulic sewer cleaning equipment, street sweepers, steel wheeled rollers, RP or air-gap.

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- (46) Water treatment facilities and all water processing equipment (other than residential water softeners), RP.
- (47) X-ray equipment, printing equipment, or any other photographic processing equipment, RP.
- (48) Any premises on which chemicals, oils, solvents, pesticides, disinfectants, cleaning agents, acids or other pollutants and/or contaminants are handled in a manner by which they may come in direct contact with water, or there is evidence of the potential to contact water, RP.
- (49) Any premises where water supplied by the city is subject to deterioration in sanitary quality and its entry into the public water system is permitted, DC.
- (50) Any connection to a fire hydrant (except Fire-Medical Department equipment), RP.  
(Code 1977, § 8-2-7)  
(Ord. No. 2011-22, 11/1/2011, Amended) SUPP 2011-4  
(Ord. No. 2015-01, 01/20/15, Amended) SUPP 2015-1