Public Utilities Cross Connection Program

Backflow Assessment Check List

Service Line Size: 5/8"-1" with service description of:

☐ Residential Single Family or Multi-Family with no more than two dwelling units on service connection or **Severe Hazard Uses**: Dual check device required on meter yoke

☐ Multi Family with more than two dwelling units on service connection: backflow assembly required. Continue through backflow assessment form to determine backflow type

☐ All other service descriptions: backflow assembly required. Continue through backflow assessment form to determine backflow type

Service Line Size 1.5" and larger with service description of:

☐All service descriptions: backflow assembly required. Continue through backflow assessment form to determine backflow type

Domestic Service (Residential and Non-residential applications, Additions, Change of use)

(Backflows must be *approved*, installed within 50 linear piping feet of the meter and according to Article D: Water Quality Protection and Appendix A: Guidelines and Requirements of the Cross Connection Program)

If any of the below boxes are checked, a Reduced Pressure (RP) backflow assembly is required. All other services require a Double Check (DC) backflow assembly.

Please check any of the following **Severe Hazard Uses** that apply to the property and water use:

☐Car Wash, Automotive Repair/Body Shop ☐Gas Stations and Mini Marts ☐Restaurant, Bakery, Delicatessen, Food/Drink Preparation, Commercial Kitchen ☐Nail Salon, Spa, Beauty Salon, Barber Shop, Tattoo/Piercing Parlor ☐Hotel/Motel	☐Swimming Pool ☐Waterfront Facility ☐Domestic water is make-up water. ☐Film Laboratories or Processing ☐Building 5 or more stories ☐Single family residential property that has an auxiliary water supply or other high hazard within the property boundaries	☐Property is master metered. ☐Multiple tenants/residents on one service line ☐Morgue, Mortuary, Autopsy Facility, Crematory, Monument Company	☐Nursing Home, Day Care Facility ☐Commercial Laundry Facility ☐Air Conditioning Cooling Towers: Water Cooled Equipment ☐Any location where an approved RPZ is required for isolating points of service within the building water system
☐Greenhouses, Lawn Care Company, Yard Hydrants, Exterminators, Wells (Private/Irrigation), Cisterns, Auxiliary Water Supplies, In-ground Irrigation System ☐Flex space occupancies approved for multiple types of occupancy use or which frequent alterations are made to the plumbing. ☐Hazard level is unknown at the time of review	☐Pumps/Tanks/Containers/ Warehouses connecting, storing, or handling sewage, radioactive, lethal, or toxic substances; Chemical Processing Plant; Power Plant, Nuclear Reactor; Storage tank for: reuse, recycled, or roof water; Boilers; Booster Pumps; Pressure Tanks, Steam Connections	☐Hospitals, dental offices, veterinary clinics, and other medical facilities that may have x-ray equipment, laboratory, medical washing equipment, autoclaves, aspirators, vacuum pumps (includes psychology & psychiatric offices that administer medications), Pharmacy	☐Poultry Processing, Packing House, Dairy, Bottling Plant, Butchers (including Fish and Livestock), Breweries, Metal Plating or Fabrication Facility, Cannery, Dye Works, Battery Manufacturers ☐Special use tanks or tankards containing pesticides, fertilizers, or other high hazard applications

Irrigation Services (Residential and non-residential)

- **All individually metered or branched irrigation services must have an approved Reduced Pressure (RP) containment backflow assembly installed within 50 linear piping feet of the irrigation meter or the branched irrigation line off a domestic service.**
- **Any water fee only service, which is split from the primary domestic service (see detail W-34 and W-35) will be considered an "irrigation service" for the purposes of this cross-connection policy. This water fee only service may not be used as domestic water and may not enter or cross under any existing or proposed structure.**

Fire Services

- **Fire Service-If any of the boxes below are checked, an *approved* Reduced Pressure Detector Assembly (RPDA) is required.**
- **All other services require a Double Check Detector Assembly (DCDA) backflow assembly.**

(Backflows must be *approved,* installed within 50 linear piping feet of the right of way and according to Article D: Water Quality Protection and Appendix A: Guidelines and Requirements of the Cross Connection Program).

Please check any of the following **Severe Hazard Uses** that apply to the property and water use:

☐System with booster pump facilities (such as fire department connections [FDC]) ☐Systems with transfer pumps ☐Systems with storage tanks (plus air gap)	☐Systems with antifreeze solutions or chemical additives ☐Systems serving 5 or more stories above ground level of the containment assembly.	☐Systems that are not behind a master meter (RPZ allowed on systems after a master meter)	