

High Hazard Premises

The following list includes those facilities and activities requiring backflow protection with the minimum level indicated. This list may be subject to change based on the findings of MPWD's inspection of the premises. This is a non-exclusive list and any facility or activity not shown may still be required to install BPAs as determined by the cross-connection control program coordinator.

- (a) Airports – RP
- (b) Animal Facilities – RP
 - (i) Including: Boarding, Kennels, Pet Grooming, Pet Stores and Veterinary Facilities
- (c) Agricultural Premises – RP
- (d) Asphalt, Concrete, Sand or Gravel Facilities – RP
- (e) Automotive Repair and Service Facilities – RP
- (f) Autopsy Facilities, Morgues and Mortuaries – RP
- (g) Auxiliary Water Supplies (residential and non-residential) – RP
 - (i) Including: Pools, Spa's, Jacuzzis, and Ornamental Fountains
- (h) Bars and Restaurants – RP
- (i) Beverage Bottling Plant – RP
- (j) Beverage Production, Commercial Kitchen and Food Production or Preparation Facilities – RP
- (k) Biotech Facilities – RP
- (l) Building Hazards – RP
 - (i) Any building containing a carbonator (soft drink dispenser)
 - (ii) Any building containing a boiler
 - (iii) Any building containing a hydronic radiant floor heating system
 - (iv) Any building containing mechanical equipment using chemicals with a potable water makeup line connected to the mechanical equipment
 - (v) Any building containing non-potable water reuse systems utilizing pumps
 - (vi) Any building containing sewage pumps or ejectors

- (vii) Any commercial structure in which the specific business activity cannot be ascertained or is subject to change without a building permit
- (viii) Customer systems over 40 feet in height from the Service Connection or that use booster pumps or elevated storage tank to distribute water on site
- (m) Fire Sprinkler Systems – RP (RPDA, RPDA-II)
 - (i) An exception for a DC (DCDA, DCDA-II) will be made in low pressure zones to allow for adequate flow.
- (n) Cemeteries – RP
- (o) Chemical Plants: Any Premises where the manufacturing, storing, compounding, or processing of chemicals occurs, or where chemicals are used as additives in the processing of products – RP
- (p) Convalescent Homes, Hospitals, Medical Facilities, Nursing Homes and Sanitariums – RP
- (q) Dairy Processing Plants – RP
- (r) Dental Clinics – RP
- (s) Dry Cleaning Facilities – RP
- (t) Drinking water storage tank overflow connected to a sump or storm drain – AG
- (u) Film Processing Facilities – RP
- (v) Fire Stations – RP
- (w) Florists – RP
- (x) Graywater systems, as defined in California Water Code Section 14876, that are interconnected to a piping system that is connected to a PWS – RP
- (y) Grocery Stores – RP
- (z) Hazardous or potentially hazardous treatment processes with pumping equipment – RP
- (aa) Hotels/Motels – RP
- (bb) Incarceration Facilities – RP
- (cc) Indoor Fitness Facilities with a Spa or Pool – RP

- (dd) Irrigation systems with capabilities for injecting fertilizers, or hazardous chemicals – RP
- (ee) Irrigation systems connected by a single use meter Service Connection – RP
- (ff) Kidney Dialysis Facilities – RP
- (gg) Laboratories – RP
- (hh) Laundries (Commercial) – RP
- (ii) Manufacturing Facilities – RP
 - (i) Including: Electronics, Ice, Metal, Paper, Plastic, Rubber
- (jj) Marine-Port Facilities – RP
- (kk) Massage Therapy Clinics and Spas – RP
- (ll) Metal Plating – RP
- (mm) Military Facilities – RP
- (nn) Mobile Home Park, RV Park, or Campgrounds with RV hookups – RP
- (oo) Multiple Services: Includes two or more interconnected services provided by one or more Water Suppliers to a single Owner and/or Operator complex – RP
- (pp) Petroleum dispensing, processing, production, storage, or transmission – RP
- (qq) Portable Spray or Cleaning Equipment which can be connected to the District's Water Distribution System – RP
- (rr) Private distributions mains – RP
- (ss) Radioactive Materials or Substances processing or storage – AG
- (tt) Railroad Maintenance Facilities – RP
- (uu) Reclaimed Water – This includes Premises where Reclaimed Water is used with no interconnection to the District's Water Distribution System – RP
- (vv) Restricted, Classified, or Other Closed Facilities – RP
- (ww) Salon, Hair and/or Nails – RP
- (xx) Sewage Handling Facilities – RP
- (yy) Schools, Colleges and University – RP

(zz) Solar Heating – RP

- (i) Solar systems that is once through such as domestic hot water systems do not require protection.

(aaa) Solid Waste Disposal Facilities – RP

(bbb) Tank Trucks – AG

(ccc) Temporary connections to fire hydrants – RP

(ddd) Wastewater lift stations and pumping stations – RP

(eee) Wastewater treatment processes, handling or pumping equipment that is interconnected to a piping system connected to a PWS – AG

(fff) Vehicle Washing Facilities – RP