

# CROSS-CONNECTION CONTROL PROGRAM

Dear Utility Customer,

The Potable water supplied to your facility is provided by a water system owned by Wildwood Utility Dependent District (WUDD). A critical element to operating a potable water system is to ensure the protection of the health and safety of the water supplied. One of the ways that this is achieved is by requiring that a Backflow Prevention Assembly be installed at all service connections. A Backflow Prevention Assembly is typically either a Double Check (DC) or Reduced Pressure Assembly (RP) and is located on the customer side of the water meter. Backflow Prevention Assemblies are installed on water service lines to all commercial buildings, irrigation, and fire line services. This is further explained in the Cross-Connection Control Program Handbook that was created by WUDD in compliance with the rules of the Florida Department of Environmental Protection (FDEP). The Cross-Connection Control Program Handbook outlines the requirements of the customer, which includes installation and annual testing and maintenance on all Backflow Prevention Assemblies. A copy of the Cross-Connection Control Handbook can be downloaded on our website at www.DistrictGov.org by selecting the following: Services - Utilities and Sanitation - Commercial Customers - and then under the heading Cross-Connection, select WUDD.

# COMMONLY ASKED QUESTIONS REGARDING CROSS-CONNECTION AND BACKFLOW

#### What is a cross-connection?

A cross-connection is a point in a plumbing system where the potable water supply is connected to a non-potable source.

### Where might cross-connections be found?

They can be found in all plumbing systems in areas such as:

- > Wash Basins and Service Sinks > Hose Bibs
- Irrigation sprinkler Systems
- Photo Developing Equipment
- Medical and Dental Equipment Fire Sprinkler Systems
- What is backflow?

It is the unwanted flow of non-potable or contaminated fluids back into the customer's plumbing system and/or the public water system. There are two types of backflow, see below:

- Backsiphonage- caused by a negative pressure in the supply line to a facility or plumbing 0 fixture.
- Backpressure- can occur when the potable water supply is connected to another system 0 operated at a higher pressure or has the ability to create pressure. Primary causes are booster pumps, pressure vessels, elevated plumbing, etc.

# What is a cross-connection control program?

It is a program required by the FDEP to detect and prevent possible sources of non-potable water or contaminants from entering the public water supply.

### Why do backflow assemblies need to be tested every year?

The backflow assembly is a mechanical device that needs maintenance just as a vehicle does. The annual test indicates if the internal check valves and mechanics are working properly. Annual testing and maintenance, if necessary, is also required by FDEP and WUDD.



APPROVED BACKFLOW PREVENTION ASSEMBLIES	
Connection Type Approved BFP As	ssembly
Medical/Dental/Veterinary/Eye Care RP	
Laboratory/Blood Center RP	
Grocery Store RP	
Beauty or Nail Salon/Spa RP	
Home Improvement/Hardware RP	
Pool RP	
ection System (Without Chemical Additives) DCVA	
otection System (With Chemical Additives) RP	
Funeral Home RP	
ntenance Facility (Golf, Landscape, etc.) RP	
Wastewater Pumping Station RP	
Wastewater Treatment Plant RP	
Commercial Car Wash RP	
Assisted Living/Nursing Facility RP	
Skilled Nursing Facility RP	
Commercial Laundries/Dry Cleaners RP	
Automotive Repair/Tire Store RP	
Photo Processing Facilities RP	
Pest Control Companies RP	
Cooling Towers RP	
Hospitals RP	
Definitions	
DCVA Double Check Valve	Assembly
RP Reduced Pressure /	
Definitions DCVA Double Check Va	

1. Premises which are served by a stormwater-based irrigation water system shall be protected by a reduced pressure assembly.

2. Backflow Prevention Assemblies for facility types not described above shall be submitted to and approved by WUDD or its authorized representative prior to installation.

3. An alternate Backflow Prevention Assembly may be submitted for approval. Alternate assemblies shall be approved by WUDD or its authorized representative prior to installation.