



## Backflow Prevention Assembly Installation and Inspection Form

Instructions: Fill out form completely. Fax form to 910-332-6730 or email to [Community.Compliance@cfpua.org](mailto:Community.Compliance@cfpua.org). The form will be reviewed within 24 hours by CFPUA's Community Compliance Section. You will be contacted if there is a problem with the information on the form. After the 24-hour review period has lapsed, please contact Customer Service at 910-332-6550 or email [Customer.Service@cfpua.org](mailto:Customer.Service@cfpua.org) to complete the process and to have the meter set.

Address of Project: \_\_\_\_\_

Name of General or Utility Contractor: \_\_\_\_\_ Foreman: \_\_\_\_\_

Address of General or Utility Contractor: \_\_\_\_\_

Phone number: \_\_\_\_\_ Email: \_\_\_\_\_

Name of Plumber or Fire Sprinkler Contractor: \_\_\_\_\_ License: \_\_\_\_\_

Phone number: \_\_\_\_\_ Email: \_\_\_\_\_

Address: \_\_\_\_\_

**Backflow Prevention Assembly Information: Complete Information about Backflow Assembly**  
 Replacing an existing backflow  Yes  No Serial Number being replaced \_\_\_\_\_

Manufacture: \_\_\_\_\_ Model: \_\_\_\_\_ Size: \_\_\_\_\_

Serial Number: \_\_\_\_\_ Location Onsite: \_\_\_\_\_

**Select One**

Temporary Installation  
 Permanent Installation

**Select One**

Ready for Inspection  
 Will Call for Inspection

**Select One**

Reduced Pressure (RP)  
 Double Check (DC)  
 Reduced Pressure Detector (RPDA)  
 Double Check Detector (DCDA)

**Select One for Type of Commercial Hazard or Water Use:**

Automotive  Car Wash  Commercial  Construction  5 (or more) Story Building

Fire Service  Food Service  Industrial  Irrigation Meter  Irrigation Subtraction Meter

Medical / Institutional  Mortuary  Multi-Family  Pesticide  Laundry

Pool  Water Front  Waste Water Treatment  Other \_\_\_\_\_

***I have read and will abide by CFPUA backflow prevention assembly installation guidelines.***

Signature of Plumber/Contractor \_\_\_\_\_ Date \_\_\_\_\_

Print Plumber/Contractor \_\_\_\_\_

**CFPUA Office Use:** Inspection Date \_\_\_\_\_ CFPUA Staff \_\_\_\_\_

Information on form accurate	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Prior to 1 <sup>st</sup> water service or branch	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Clearance: >12" & < 60" above grade/floor	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Acceptable on all sides	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Clear of electrical equipment	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Protection: Freeze/ Theft/ Vandalism	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Accepted	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Notes:

# **Backflow Prevention Assembly Installation Guide**

- The backflow prevention assembly should be as close to the water meter or service connection as possible. In all cases it shall be before the first branch in the water service. *Call for more information about isolation backflow assemblies.*
- The double check valve and reduced pressure assemblies shall be installed at least 12 inches above the finished grade, flood level, or floor.
- The maximum installation height of a backflow prevention assembly is sixty inches.
- An enclosure shall be provided that protects the assembly from theft, vandalism, tampering, weather, and freezing.
- In the floor, underground, and vault installations are prohibited.
- There shall be 12 inches clearance on all sides of the assembly.
- Electrical equipment, outlets and breaker boxes shall not be located beneath the assembly.
- Only in-line testable assemblies approved by the USC Foundation for Cross Connection Control or ASSE shall be accepted.
- The type of assembly shall be appropriate for the hazard as identified by the Community Compliance Office
- Prior to installing assemblies it is recommended that the Community Compliance Office be contacted to verify that the type of assembly being used is appropriate for the hazards.
- Installation, relocation, replacement, and removal of backflow prevention assemblies require a CFPUA permit and inspection and a separate New Hanover County plumbing permit and inspection. Water meters will not be set until the CFPUA has inspected and approved the backflow prevention assembly and its installation.
- It is the responsibility of the installer to ensure that backflow prevention assemblies function properly and are tested by a certified tester within 15 days of the installation.
- G.S. 143-155: Local government water systems and large community water systems shall require separate meters for new in-ground irrigation systems on lots platted and recorded in the office of the register of deeds in the county or counties in which the real property is located after July 1, 2009, that are connected to their systems. A backflow prevention assembly is required on irrigation services and shall be permitted separately from the construction water BFP.