

# **The Water Works Board of the City of Prattville**

## **Backflow Assembly Requirement in Accordance with the Board's Backflow Prevention and Cross-Connection Information**

For all new commercial taps, regardless of size, the contractor is required to provide a description of the business to be served and identify any potential cross-connections that may be created. (A cross-connection is any connection between potable water and chemicals, soaps, pesticides, waste, etc.)

All applications for new commercial taps will be reviewed by the Board's Backflow Representative, who will determine the proper backflow assembly needed for each specific application. This determination will be based on the information provided by the contractor/business and the level of health hazard associated with it.

After the Board has reviewed the submitted information, they will notify the contractor/business of the correct backflow assembly required for their water connection. All work, backflow devices, and related appurtenances necessary to meet the requirements of the Backflow Prevention and Cross-Connection Policy of the Water Works Board of the City of Prattville are the financial responsibility of the contractor/business.

Once the correct backflow assembly has been purchased and installed by a qualified installer, a licensed tester must test the assembly to ensure proper installation and performance. Upon completion of these steps, the certified tester must provide the Water Works Board with a digital report through Aqua Resources Tester Portal verifying the proper installation and performance of the device. Upon receipt, review, and approval of the report by the Board's representative, the water service can be put into use.

All RPZ (Reduced Pressure Zone) Backflow Assemblies must not be installed in a ground-level vault. RPZ assemblies must be installed at least 12 inches above the finished floor or ground level. Additionally, an RPZ assembly may not be located in a low-lying area with little or no natural drainage. All RPZ devices must be installed horizontally with the relief port facing downward. Other types of backflow assemblies may be installed in a vault, meter box, or a room of adequate size to allow the tester to perform the required tests on the devices.

All licensed testers must provide their credentials to the Water Works Board of the City of Prattville via Tester Portal when submitting test results if they have not done so previously. The credentials will be kept on file by the Board. Test and Credentials can be emailed to [BACKFLOW@PWWB.COM](mailto:BACKFLOW@PWWB.COM)

Failure to meet the requirements of the Backflow Prevention and Cross-Connection Policy of the Water Works Board of the City of Prattville may result in the disconnection or termination of water service.

Please note that with all above ground backflow assemblies it is recommended for them to be hard piped up with brass or copper, have a concrete pad underneath it, and have an enclosure over it.

## **In Addition to The Water Works Board of the City of Prattville all Tester and Installers must be following The City of Prattville's Plumbing Code**

It is required that all installers of backflow prevention assemblies pull a permit with the City of Prattville.

In doing so an installer of a backflow prevention assembly must have a valid Master Plumbers License.

All Materials used and work performed must meet The City of Prattville's Plumbing Code.