

## **FIRE PROTECTION BACKFLOW/DOUBLE CHECK PREVENTION**

### **State Law requiring backflow prevention:**

At any residence or establishment where an actual or potential contamination hazard exists, additional protection shall be required at the meter in the form of an air gap or backflow prevention assembly. The type of backflow prevention assembly required shall be determined by the specific potential hazard identified in §290.47(f) of this title (relating to Appendices).

All backflow prevention assemblies that are required according to this section and associated table located in §290.47(f) of this title shall be tested upon installation by a licensed backflow prevention assembly tester and certified to be operating within specifications. Backflow prevention assemblies which are installed to provide protection against health hazards must also be tested and certified to be operating within specifications at least annually by a licensed backflow prevention assembly tester.

- All assemblies on commercial properties (fire or sprinkler) have to be tested annually.
- All assemblies for residential fire protection have to be tested annually.

### **New Fire Sprinkler Systems:**

All fire sprinkler systems installed in the Town of Sunnyvale require backflow/double check prevention.

### **Existing System Safety Factor:**

- Since the 2000 International Fire Code, a 10psi safety factor is required.

All Commercial backflow/double check assemblies shall be located inside of the building. Adequate room shall be accounted for and shown on the approved plans.

Backflow/double check assemblies must also be listed for use with fire protection systems.

For additional information, contact the Town of Sunnyvale Public Works Department – (972) 226-7177.