



GRANGER-HUNTER
IMPROVEMENT DISTRICT

BACKFLOW IS NOW REQUIRED ON FIRELINES.



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Beginning August 9, 2023, the District started requiring backflow assemblies (Backflows) on all fire lines.

The District is required to protect the public water system against backflow per international plumbing code 608.1

"A potable water supply system shall be designed, installed, and maintained in such a manner so as to prevent contamination and pollution from non-potable liquids, solids, or gases being introduced into the potable water supply through cross connections or any other piping connections to the system."

The water in fire lines sits in the line often for decades and over time becomes stagnant. If the water system experiences a low pressure event this water can be drawn back into the system putting the public at risk.

The District requires at a minimum a Double Check Detector Valve Assembly (DCDA), this is the only backflow assembly that can be installed in a vault. A Reduced Pressure Detector Assembly (RPDA) must be installed on fire lines for fire sprinkler systems that use chemicals if the protection from a DCDA is not adequate for the health hazard presented by the chemical. An RPDA cannot be placed in a vault.

Either backflow can be placed in a heated enclosure if the owner chooses. Both assemblies have meters that measure low flows, the district will own the meter, and the property owner will own the rest of the assembly. This will help the district identify leaks in your private fire system or unauthorized use. The Utah Division of Drinking Water requires the district to account for all water loss.

All new projects in the District will require the installation of fire line backflow assemblies. Backflows shall be installed as close to the connection point as possible. The District will require backflows to be installed if any significant exterior modifications are going to be made (i.e., upsizing the water connection, adding a grease trap, etc.). By 2030 all fire lines in the District will be required to have backflows. It is the owner's responsibility to have their backflow devices tested annually by a certified backflow technician.

Existing customers who have a hardship can apply for a variance to the District's Engineering Department for up to 5 years.