

## VILLAGE OF CRESTLINE

The Village of Crestline has in effect a comprehensive backflow prevention program.

What is this and what does it mean to you as a customer?

Backflow can be described as “a reversal of the normal direction of flow within a piping system” or the flow of water or other liquids, mixtures or substances into the distribution pipes of a potable water supply from any source other than the intended source of the potable water supply.

What it means to you our customer is that once the potable water passes through your meter into or onto your facility, premise or home it is yours to use as you see fit and the backflow device will protect all other users of our system, just as their device protects your water supply.

While backflow and cross connections (an arrangement whereby backflow can occur) are not new they are most recently covered by the Ohio Environmental Protection Agency (EPA) under sections 3745 – 3795 of the Ohio Administrative Code and locally in the Village of Crestline ordinance number 2084 which was passed 9/6/1994.

Under this ordinance the water department has deemed that all commercial/industrial facilities are in need of a approved backflow device, also some residential site's may be required to have some sort of protection based on anonsite survey. This survey will be done for all new water connections and may be conducted at an existing site by the water department or the consumer's request. Devices that may be required by this survey and a brief description of them and what they might be used for are as follows.

Air-Gap Separation - complete physical separation of piping (water free falls from incoming line to users needs).

Double Check valve assembly- two single independently acting check valves used where incoming pressure is a concern and the degree of hazard is deemed by survey to be low.

Double Check Detector Check – same as double check designed to be line size for fire protection only with a small bypass line and meter to detect fire flow, line leakage or unauthorized use.

Reduced Pressure Backflow Prevention Assembly- two independently acting check valves operating in a series and automatic relief valve. Second only to air gap in protection and used wherever there is another water source on site, or the ability for your site to generate greater pressure than is being delivered to you.

Reduced Pressure Detector Assembly- same as above used on dedicated fire protection system that uses additives in the system or the site as an auxiliary water source.

Pressure Vacuum Breaker-utilizes spring loading to actuate the valve when a problem is detected, used in all irrigation systems using “pop up” heads.

Low Suction Cut off Controller- senses low incoming pressure and shuts off any and all booster pumps on your site. Used where you have demonstrated a need to have constant pressure greater than is provided to your site and approved by the water department.

Any and all devices that are needed will be required to be tested at time of installation and yearly thereafter by a Department of Commerce certified tester. A copy of the test results must be turned into the Village of Crestline and a copy kept on file by the consumer.

In addition under the same mentioned ordinances we reserve the right to on request perform additional on-site surveys.

Please feel free to contact the Village of Crestline water department if you have any questions.

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