The following list is for informational purposes only.

### Backflow Testing Services

- Scotty's Backflow 208-818-7838
- Elkhorn Lawn and Landscaping 208-819-2061
- NG2 Testing Service, LLC. 208-818-0954
- DC Sprinkler Service 208-818-5022
- KDH Solutions 509-342-8723
- Herres Backflow 509-919-4970
- 4 - Results 208-255-0662
- Aqua Pro Sprinkler, LLC. 509-990-8766
- Sprinklers Northwest 208-818-8388
- Sunrise CPR & Water 208-659-8746
- Hard To Scape 208-755-4830
- Blake's Backflow Service 509-432-5887
- All Scapes Landscaping 208-772-6300
- Inland Sprinklers & Landscaping 208-512-0326
- Wolf Lodge Backflow Testing 208-215-6579
- Cooper's Backflow Testing 208-818-0819
- Bighorn Sprinkler Services 208-929-9437
- Three Trees Landscaping 208-457-9902
- Elements Landscaping 208-687-5361
- R&J Landscaping 208-762-9367
- Fred's Plumbing 208-772-2846
- Backflow Assembly Testers 208-819-3149
- Dawson Plumbing 208-610-2752
- Accurate Sprinkler & Backflow 208-755-2887
- Cap Smart Water Irrigation 208-620-1935
- Cd'A Sprinklers & Backflow, LLC. 208-967-5060
- Enders Backflow & Sprinklers 208-215-9955
- 1st Choice Maintenance 208-661-5610
- Done Rite Sprinklers 208-704-8104
- Gold Seal Mechanical, Inc. 509-535-5946
- Prestige Landscape Maintenance 208-699-9231
- Delk Management 509-863-2922
- KWK Landscape Unlimited 509-979-3353
- North Idaho Water Masters 208-610-7755
- Northwest Mow and Go 208-981-1407

### McKinstry Co. 509-795-1015
- The Landscape Company 509-216-8754
- Glen Poelstra 208-610-6317
- North Idaho Sprinklers 208-773-2796
- Jeff Mallett 208-704-3701
- Kootenai Backflow 208-818-2505
- Bill's Heating 208-777-5528
- Marc's Sprinklers & Landscaping 208-819-3360

### THE FOLLOWING COMPANIES ALSO OFFER FIRE PROTECTION SYSTEM TESTING

- A&D Fire Sprinklers 509-290-5447
- McKinstry Company, LLC. 509-475-1582
- Cosco Fire Protection 509-505-6005
- RLH Fire Protection 208-609-6317
- Fire Control Sprinklers 509-489-1444
- Western States Fire Protection 509-922-8890
- Johnson Controls, Inc. 509-534-6055
- Advanced Fire Systems, Inc. 509-489-5040
- Inland Empire Fire Protection 509-534-1097

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**Protecting Our Drinking Water**

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**City of Coeur d'Alene**

**Backflow Assemblies**

City of Coeur d' Alene
Water Department
3145 N. Howard St
Coeur d' Alene, ID 83815
Office 208-769-2210
Fax 208-769-2336
Email- bfatests@cdaid.org
Cross Connection and Non-Residential Buildings

Everyday, millions of Americans visit non-residential buildings – retail stores, offices, restaurants, warehouses, and medical buildings. When we do, we all want to be sure that the water we drink is safe. Water comes into contact with hundreds of dangerous chemicals and substances everyday. As a business owner and a building owner, you want to be sure that your customers receive good water. To guarantee good water, federal, state, and local governments have enacted laws and regulations to ensure that our water is of the highest quality. One method used to ensure the safety of our water supply is through the implementation of a Cross Connection Control program. The City of Coeur d’Alene has developed such a program to safeguard the city’s water distribution system. In a water distribution system, there are points called cross-connections, which are actual or potential physical connections between our public water supply and a source of contamination or pollution that could enter the public drinking water system. Cross connections can be created when using some appliances or plumbing fixtures.

A simple accident or oversight can lead to serious consequences. The change of water pressure can result in dangerous materials being drawn back into the water supply, thus allowing material to travel through the system to other water users who may be consuming the water and, therefore, be exposed to dangerous contaminants or pollutants. A cross-connection can pose a serious threat to your building’s water supply and the public’s water supply. During incidents of backflow these chemical and biological contaminants have caused serious illness and even death.

Backflow can occur due to either backspihonage or backpressure. These may sound like the same thing, but they’re not.

Backspihonage: caused by negative pressure in the piping system, which may be due to:
• A water line repair or break that is lower than a water service point.
• A lower water main pressure due to a high water usage rate such as in fire fighting or water main flushing.
• Reduced water supply pressure on the suction side of a water booster pump.

Backpressure: when the water supply piping is connected to a piping system or plumbing fixture which exceeds the operating pressure of the water supply piping, for example, with:
• Booster pumps.
• Water supply line connections to a boiler or other heating systems where thermal expansion is possible.
• Connecting to a water system that operates at a higher pressure.

How can you protect your non-residential building?
The first step in the process is to conduct a survey of the building to identify potential cross connections and understand how contaminated water can flow back from appliances and plumbing fixtures as a result of the lack of a backflow assembly to isolate them. The following are types of connections that can potentially create a backflow event: lawn irrigation systems, air conditioning cooling towers, a water supply line to a boiler, x-ray developers, soda carbonators, janitor sinks and many more things.

You may ask, “Are both ‘containment’ and ‘isolation’ assemblies necessary in a building?”
The answer is “yes.”

Isolation Backflow Assemblies are installed at the point-of-use to protect the potable water inside of the building from potential contaminants and pollutants. The isolation backflow assembly will protect the water supply within the building. Containment Backflow Assemblies will protect the city’s water supply.

With all of the varied activities that can take place in a commercial building, cross connection awareness is absolutely essential to prevent backflow problems. A properly maintained building will have a backflow assembly installed on both the domestic water service line (protecting the city’s water) and a proper backflow assembly installed at each internal cross connection (protecting water inside the building).

The information in this brochure is to help provide information to building owners and tenants about protecting our drinking water. Physically examining all areas of a building with complete awareness of the risks can prevent a costly and dangerous backflow incident. The safety of tenants and customers must be a priority of a building or a business owner.

A backflow assembly is a mechanical device that requires annual testing and periodic maintenance. Neglecting annual testing is neglecting public safety. For more information regarding the City of Coeur d’Alene Cross Connection Control Program or for a survey of your building please contact us.

Gary Nolan: 208-769-2298