

**The following list is for informational purposes only.**

**Backflow Testing Services**

Scotty's Backflow	208-818-7838
NG2 Testing Service	208-818-0954
Sunrise CPR & Water	208-659-8746
Herres Backflow	509-919-4970
All Scapes Landscaping	208-772-6300
Sprinklers Northwest	208-818-8838
Hard to Scape	208-755-4830
Bighorn Sprinkler	208-929-9437
Roto Rooter Plumbing	509-484-6937
Faucets N Stuff	509-924-8881
Wolf Lodge Backflow	208-215-6579
CAP Smart Water	208-620-1935
DC Sprinkler Service	208-818-5022
Aqua Pro Sprinklers	509-990-8766
D&R Services	208-292-9242
Accurate Sprinklers	208-755-2887
M&H Backflow	208-889-1020
Inland Sprinklers	208-512-0326
S&J Grading	208-755-4263
Darnall Sprinklers	208-777-7688
CDA Sprinklers & Backflow	208-967-5060
Elements Landscaping	208-687-5361
Backflow Testers	208-819-3149
Boescaping Sprinkler Pro's	207-371-2909
R&J Landscaping	208-762-9367
Apollo Mechanical	509-532-2190
Dawson Plumbing	208-610-2752
Speedy Landscaping	208-669-9125
The Landscape Company	509-216-2078
Epic Backflow	208-391-2975
Three Trees Landscaping	208-457-9902
4-Results	208-255-0662
Above All Sprinklers	208-651-2377
Kootenai Backflow	208-818-2505
Marc's Sprinklers and Landscaping	208-819-3360

Petersen Partners, LLC	831-320-7201
KDH Solutions	509-342-8723
Enders Backflow & Sprinklers	208-215-9955
Parkwood Business Properties	208-704-3701
Professional Piping	509-290-6835
Fetter's Backflow	208-512-7448
KWK Unlimited	509-901-0142
North Idaho Lawn & Landscape	208-964-5204
Cooper's Backflow Testing	208-818-8019
Bison Lawncare	208-981-0176
Specialty Landscaping & Sprinklers	208-704-1325
Prestige Landscaping Maintenance	208-699-9231
Northwest Mow & Go	208-981-1407
Epic Backflow	208-391-2975
Panhandle Backflow	208-656-7474
North Idaho Sprinklers	208-773-2796
Northwest Lawn Pros	208-651-8486

**AFTER MARCH 1, 2008 ONLY TEST REPORTS FROM LICENSED IDAHO TESTERS WILL BE ACCEPTED BY THIS OFFICE**



**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](mailto:bfatests@cdaid.org)**



***Landscape Irrigation Systems  
&  
Backflow Assemblies***

## Landscape Irrigation Systems Need Backflow Prevention

Landscape irrigation systems make watering lawns and gardens easier, save you time, and can be designed to be water efficient. However, water contaminated by weed killers, fertilizers, and animal waste can backflow into your drinking water. To protect your drinking water from potential contamination, it is important to have an approved backflow protection assembly on your irrigation system. Landscape irrigation systems do require special equipment to prevent contaminated water from siphoning back into your home's plumbing arrangement and city's public water system. A landscape irrigation system not protected by an approved backflow prevention assembly endangers the health of a household, neighborhood, and community.

All landscape irrigation systems – new or existing – must be equipped with an approved backflow prevention assembly. Only an approved backflow prevention assembly properly installed will meet the city plumbing code and provide proper protection for the health of your family and neighbors. All landscape irrigation systems served by the public water system require a plumbing permit prior to installing a backflow assembly.

## All backflow prevention assemblies must be tested annually at spring start up for proper operation and protection.

The City of Coeur d'Alene Water Department is responsible for providing safe drinking water to all its customers. To ensure drinking water quality, the Water Department monitors backflow prevention assemblies on known health hazards to meet Idaho Rule IDAPA 58.01.08. The Water Department strives to make it easy for its customers to keep their drinking water safe and to meet state requirements by allowing options for backflow prevention assemblies/devices on landscape irrigation systems:

### • Types of Backflow Assemblies

- o Double Check Valve
- o Pressure Vacuum Breaker
- o Reduced Pressure Principle

### • Types of Backflow Devices

- o Atmospheric Vacuum Breaker

## How does backflow happen?

Backflow is water flow in reverse direction from the normal direction of flow in a piping system. This occurs due to different pressures existing between two different points within a piping system; water of a higher pressure flowing to water of lower pressure.

## Backflow may occur due to either backsiphonage or backpressure.

**Backsiphonage** – is caused by negative pressure in the piping system.

- 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**

– occurs when the water supply piping is connected to a piping system or plumbing fixture which exceeds the operating pressure of the water supply piping.

- 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.

**For more information about backflow prevention assemblies please contact us.  
Gary Nolan: 208-769-2298**