The following list is for informational purposes only.

Backflow Testing Services

Scottys Backflow	208-818-7838
NG2	208-818-0954
Mitchells Backflow Testing	208-446-5216
Mountain Water & Electric	208-610-6317
American Backflow Testing	208-967-6526
Panhandle Backflow	208-819-1645
Accurate Sprinkler & Backflow	208-755-2887
Herres Backflow & Construction	509-919-4970
North Idaho Sprinklers	208-773-2796
DC Sprinkler Service	208-818-5022
M&H Backflow	208-889-1020
Backflow Testers	208-819-3149
Hard 2 Scape	208-755-4830
Roots Landscape	208-755-4830
Bonemeal Backflow	208-719-1539
Aspen Lawn Care	208-691-8624
R&J Landscaping	208-762-9367
Prospector Backflow	907-978-9454
CAP Smart Water	208-620-1935
Faucets N Stuff Plumbing	509-924-8881
D.R. Renovations	208-930-9386
Roto Rooter	509-484-6937
All Scapes Landscaping	208-699-2363
S&J Grading	208-755-4263
Aqua Pro Sprinklers	509-990-8766
Epic Backflow	208-391-2975
Wolf Lodge Backflow Services	208-215-6579
4-Results Inc.	208-255-0662
Sunrise CPR & Water	208-659-8746
Inland Sprinklers & Landscaping	208-512-0326
Elements Landscaping	208-687-5361
Rockwell Lawn Care	208-946-9925
Dawson's Plumbing	208-610-2752
Cutthroat Backflow	208-691-9909
Three Trees Landscaping	208-457-9902
Darnall Sprinklers	208-777-7688
Specialty Landscaping & Sprinklers	208-704-1325
Sundown Lawn & Irrigation	208-967-3579
Fred's Plumbing	208-215-4881
Speedy Landscaping	208-699-5256
Northern Lakes Landscaping	208-691-5321
Yochum Landscape	208-500-1660
The Landscape Company Spokane	509-216-2078
MAC Backflow	509-599-6314
Northwest Mow & Go	208-981-1407
Little Buck Backflow Testing	208-755-7434
Cooper's Backflow Testing	208-818-0819
KDH Solutions	208-208-8797
Jt's Landscape & Maintenance	208-964-6178
Michael Swan	208-964-5450
Parkwood Business Properties	208-667-4086
Casey's Lawn, Landscape & Design	208-682-5516

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

City of Coeur d'Alene IDAHO

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

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 arrangment 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