

The following list is for informational purposes only.

Backflow Testing Services

Wolf Lodge Backflow Testing	208-215-6579
Scotty's Backflow Testing	208-818-7838
Rocky's Backflow Testing	208-640-0284
Bill's Heating	208-214-8298
Northwest Sprinkler Guy	208-964-9441
Glen Poelstra (Independent Tester)	208-610-6317
Herres Backflow Testing	509-919-4970
R&J Landscaping	208-762-9367
CAP Smartwater	208-620-1935
Travis Furey (Independent Tester)	208-610-7755
Sprinklers Northwest	208-818-8838
Roto-Rooter	509-484-6937
DC Sprinkler Service	208-818-5022
Northwest Backflow & Irrigation	208-449-9880
MAC Backflow	509-599-6314
Backflow Preventions	208-704-1770
Enders Backflow and Sprinklers	208-277-8127
Gold Seal Mechanical	509-535-5944
Empire Lawn	208-819-5296
Divco	509-534-7225
North Idaho Sprinklers	208-773-2796
Sgt. Ohara's Handy Man Services	208-659-8054
Done Rite Sprinklers	208-704-8104
First Choice Maintenance	208-661-5610
Cooper's Backflow Testing	208-818-0819
Darnall Sprinklers	208-777-7688
Inland Sprinklers & Landscaping	208-512-0326
Sunrise CPR & Water	208-659-8746
Elkhorn Lawn and Landscaping	208-819-2061
Advanced Sprinklers	208-687-1955
Kootenai Backflow & Blowout	208-818-2505
Prestige Landscape Maintenance	208-699-9231
Les' Services	208-818-4869
Faucets & Stuff Plumbing	509-924-8881
Jeff Mallett	208-704-3701
Hard to Scape	208-784-3169

Hubof's Landscaping	208-964-4060
Firestone 4 Season Lawn Care	208-818-6579
RC Mechanical	509-995-9788
Water Wizard Sprinklers	208-676-8384
Accurate Sprinkler & Backflow	208-691-1451
Ultra- Lawn	208-777-1696
Three Trees Landscaping	208-457-9902
Earth Stone Landscaping	509-928-5367
Silver Springs Landscaping	208-290-8224
Lakeside Landscape	208-762-0735
CBC Enterprises	208-661-5047
Premier Landscape	208-659-5560

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



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*Landscape Irrigation Systems
&
Backflow Assemblies*

Lawn Irrigation Systems Need Backflow Prevention

Lawn 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. Lawn irrigation systems do require special equipment to prevent contaminated water from siphoning back into your home plumbing and city water systems. A lawn irrigation system not protected by an approved backflow prevention assembly endangers the health of a household, neighborhood, and community.

All lawn 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 irrigation systems supplied 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 protection 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 protection on an irrigation system:

- 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 call Gary Nolan at 208-769-2298.