

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	208-929-5008
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
NW Sprinkler Guy	208-964-9441
S & J Grading	208-755-9770
Darnall Sprinklers	208-777-7688
Jacob's Superior Services	208-610-5642
Roto-Rooter Plumbing	509-484-6937
Northwest Backflow & Irrigation	208-449-9880
Hubof's Landscaping, LLC	208-964-4060
Integrity Lawn & Landscape	208-982-5296
Advanced Sprinklers	208-687-1955

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***

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**