Residential Backflow Hazards

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Disclaimer

The products shown in this presentation are for illustration purposes only. No statement is being made in favor or against any product, person or manufacturer.
Where Does Danger Lurk?

Then versus Now

• Bathroom
• Kitchen
• Basement
• Outside
Water Closets

• Ballcocks, Anti-syphon
• Personal Hygiene Devices
Sinks & Faucets

Cross Connection

No Cross Connection
Showers/Baths
Whirlpools/Specialty Tubs
The Kitchen
• Directly Connected Soap/Chemical Dispensers
Water Filters/Refrigerator Filters
Ice Makers
Basements
The Man Cave Ice Maker
Water Treatment Devices
Boiler Feed Lines
Water Powered Sump Pumps
Outside Hose Hazards

• Unprotected hydrants, hose bibbs, sillcocks
Outside Hose Hazards

- Cleaners/Chemicals
Animals
Water Features
Pools/Spas
Lawn Irrigation
Others Household Issues

Residential Fire Sprinkler Systems
(Multi-purpose versus Stand-alone)

Hobbies – i.e. fish tanks, campers, boats, pottery

Medical Needs – i.e. home dialysis units

Drain Cleaning Equipment - connected to a hose
Potential Hazards Continue to Increase

New Products Marketed to Home Owners
(But it looked good on TV)

Green Initiatives Increase Potential Hazards
(If not understood and installed properly)

Increased Building – Decreased Enforcement
What We Need to Do

• Inform the Consumer Public
• Educate Elected Officials
• Work with Building Officials
• Healthy Homes Workers
• State and Local Agencies
• Remind Homeowners to Report Unusual Activities
It Is Up to Us!

Let’s Work Together to

Protect the Health of the Nation
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