

Best Management

TIP #1 Permit and Install a backwater prevention valve on sewer line to protect your property.

- Install the backwater valve according to manufacturers specs.
- Perform regular maintenance and system checks on your backwater valve.
- **Inform plumbers that you have a backwater valve** to avoid damaging the devise. Damage can allow raw sewage to backflow into your home or business.

TIP #2 Never pour fats, oils or grease down the drains. Allow to cool, put in sealed container and dispose in trash.

TIP #3 Permit and install backflow prevention assemblies on irrigation systems to prevent water supply contamination.

- Hire a licensed contractor to install backflow prevention assemblies for irrigation systems (a permit is required).
- Backflow assemblies require annual certification by a certified tester.
- Always winter freeze protect the irrigation system and backflow device.
- Install frost proof vacuum breakers on all hose bibb connections.

TIP #4 Reduce system maintenance costs by following these simple guidelines. Prevention and maintenance are a solution to reduce utility operation costs.

Public Works Operations

Water 928.777.1118
Wastewater 928.777.1630
www.prescott-az.gov

City Services — Water and Wastewater

Education Resource Links

Yavapai County Contractor's Association
928-778-0400 www.ycca.org

Arizona Department of Water Resources
www.azwater.gov

Arizona Dept. of Environmental Quality
www.adeq.gov

Environmental Protection Agency
www.epa.gov

U of A Extension www.ag.arizona.edu/yavapai

Irrigation Association www.irrigation.org

Backflow Education www.irrigationtutorials.com/backflow-preventers.htm

California Fats Oil & Grease www.calfog.org

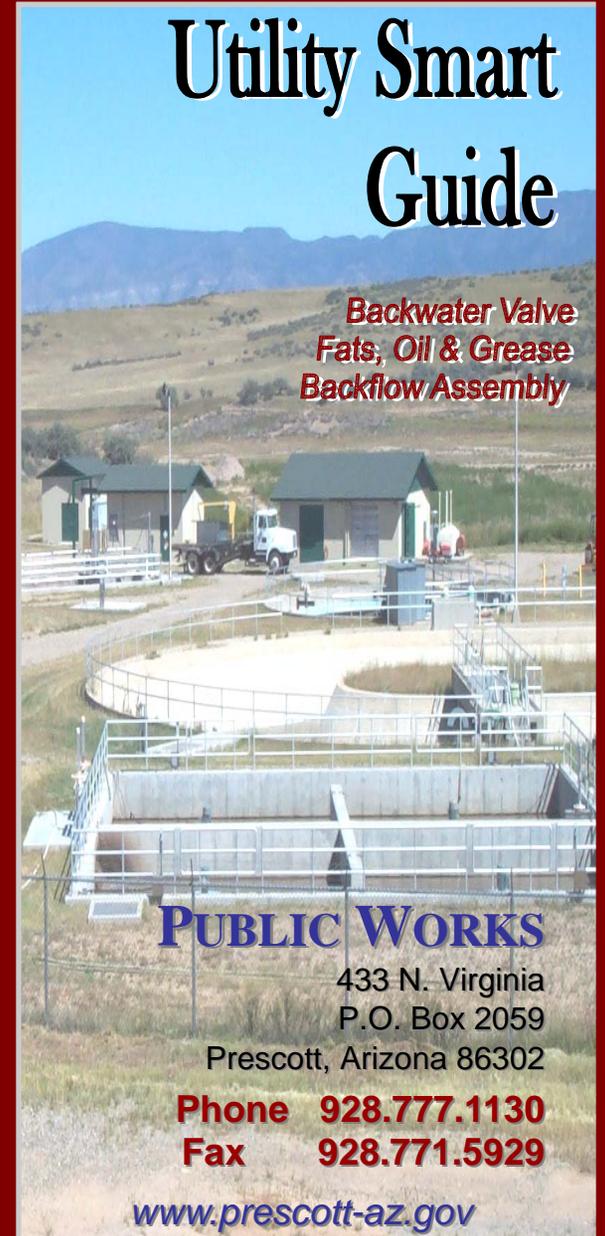
Sewer Smart www.sewersmart.org

City of Prescott—Water And Sewer
www.cityofprescott.net/services/water/protection.php



Utility Smart Guide

**Backwater Valve
Fats, Oil & Grease
Backflow Assembly**



PUBLIC WORKS

433 N. Virginia
P.O. Box 2059
Prescott, Arizona 86302

Phone 928.777.1130
Fax 928.771.5929

www.prescott-az.gov

THE CITY IS NOT LIABLE FOR BACKWATER INCIDENTS

As a general matter, a person or entity including the City is not liable for unforeseen incidents unless that person or entity was negligent. Generally, in order to be negligent, one must do something wrong, commit a negligent act or not do something which they should have done.

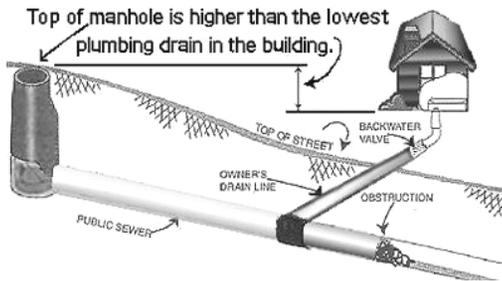
As with all utilities, we cannot guarantee that our utility will be working at 100% capacity 100% of the time. The City cannot guarantee that mechanical part will never break down or cease to function correctly. The City cannot control what goes into the sewer system, nor guarantee that there will never be a blockage in the main sewer line.

Because we cannot be guarantors that there will never be a blockage or a backup, we continue to urge all residents to be sure that existing homes be retrofit with a backwater prevention valve, and maintain the backwater valve at regular intervals, to alleviate potential problems.

City Code Section 3-6-2 - IPC Section 715.1

Backwater Valve

Prescott City Code Section 3-6-2
IPC Section 715.1



Backwater is the backflow of raw sewage from blockage in a sewer line that could result in flood damage to a residential, commercial or public property. Backwater flows can be prevented by properly installing and maintaining a backwater valve.

Property owners are responsible for the permit, installation and annual maintenance of a backwater valve.

- A backwater valve is a simple and relatively inexpensive device that is installed inline on your private sewer service line.
- Backwater valves provide a physical barrier to prevent raw sewage from flowing back into your home or business and flooding living areas.
- Regular maintenance checks must be performed to ensure the proper operation of your backwater valve.

Review your homeowner policy to make certain you are insured against flood damage from sewage backflow.

BACKWATER VALVE and PERMIT ARE REQUIRED BY CITY CODE

Fat, Oil and Grease

Pre-treatment in practice

Fat's, Oil's & Grease (FOG)

when poured down the kitchen sink or toilet, can stick to sewer pipes and may cause harmful sewer line clogs. Sewer line blockage can cause raw sewage to back up and overflow from a toilet, shower drain, washing machine, private cleanout or other household plumbing fixture which is inter-connected to the building sewer waste system.



- Sewer overflows caused by **F O G** can flow into streets, creeks, lakes and other public use areas that may threaten public health and the environment.
- To prevent grease from building up and clogging sewer lines: **NEVER POUR COOKING FAT or GREASE DOWN THE SINK OR OTHER HOUSEHOLD DRAIN!**
- **INSTEAD** Allow FOG substances to cool, scrape or pour them into a sealed bag or container, can or jar and dispose of in the trash.



RESTAURANTS AND CAFETERIA SITES PLEASE PARTICIPATE. INFORM YOUR KITCHEN STAFF OF BEST MANAGEMENT PRACTICES (BMP'S)

Download a list of **Fats, Oils & Grease BMP'S:**
www.cityofprescott.net/services/water/protection.php

Backflow Prevention

Prescott City Code Sections 2-1-30
& 2-1-55, IPC Section 608

Backflow prevention is a program to prevent contamination of our community water supply.

Potential sources of cross contamination:

- Irrigation systems
- Swimming pools
- Laundry sinks
- Water softeners
- Hose end - spray type applicators
- Outdoor hose connections
- Commercial/industrial operations



AN IRRIGATION PERMIT IS REQUIRED BY CODE WHEN REPAIRING OR REPLACING THE BACKFLOW ASSEMBLY

BACKFLOW PREVENTION DEVICE

Hose Bibb Vacuum Breaker—Frost Proof

- Protects backflow at hose connections.
- Required on all new construction.
- Inexpensive and easy to install.

Reduced Pressure Zone Assembly-RPZ

- Approved as protection for all hazards.
- Required for all new commercial site construction and irrigation systems.
- An irrigation permit is required by law prior to a RPZ installation. **(Request a copy of the irrigation permit from your contractor.)**
- State Law requires annual tests & certification of all assemblies. Hire only licensed contractors and certified testers.