

water rings

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Get Peace of Mind - Sign Up for Service Line Protection

Did you know that the pipe that carries water from your curb to your house is owned by you? This means if that pipe, we call it a "lateral", were to break or spring a leak, it would be your responsibility to have it repaired.

The North Wales Water Authority offers customers the Lateral Maintenance Program as a safeguard against such an occurrence. Under the Lateral Maintenance Program, if anything happens to your service line (or "lateral"), we will take care of the repair at no additional cost to you.

The Lateral Maintenance Program offers you protection against the possibility of costly repair bills and covers any damages in your lateral from the curb stop to the outside wall of your home or building.

The charge for the program is minimal:

- Residential - \$10 per year
- Commercial 3/4" and 1" connections - \$18 per year
- Commercial 1 1/2" and 2" connection - \$30 per year

If you have a QR reader on your cell phone, scan this barcode to get more information online and to sign up.



Don't have a QR reader? Call our office at 215-699-4836 to have a brochure and application mailed to you. Or get information online at:

<http://nwwater.com/go/lateral>

NWWA customers who have received letters from Home Service USA Repair Management Corporation are advised that Home Service is not affiliated with or endorsed by North Wales Water Authority.

Winterizing Tips

During the cold weather months, there are simple things you can do to help prevent frozen pipes and leaks in your home.

- Fit exposed pipes with insulation sleeves or wrapping to slow heat loss.
- Seal cracks and holes in outside walls and foundations near water pipes with caulking.
- Keep a slow trickle of water flowing through faucets connected to pipes that run through an unheated or unprotected space.
- Remove all hoses from outside faucets and shut them off from the inside. Leave the fixtures open to drain.



- Secure and drain all underground lawn sprinkler systems.

- If you plan to be away for an extended time during the winter months, it is very important to maintain minimum temperatures in your home to prevent freezing of the interior plumbing fixtures.

- Disconnect, empty and remove your rain barrels to prevent damage and return your downspouts to their original configuration. If possible, store your rain barrels upside down to drain completely and keep clean.

Remember, your indoor plumbing is your responsibility. Protecting your pipes saves water and money!



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Plumbing Repairs? Read This First!

If you are having plumbing work done that requires your water to be turned off at the outside curb stop, please call us at 215-699-4836 to do it. We will come out for free! Not only can this simple call save you money, it could also save you time. Your plumber might not be able to find the stop or might damage it when attempting to shut it off which would require us to come out for repairs. It's best to call us first!

Expansion Update

As we mentioned in the last issue of Water Rings, in the coming months we'll begin a project that will add 10 miles of water main from our Forest Park Water treatment plant in Chalfont Borough. The new main will extend from Chalfont through New Britain Township into Warrington Township.

This new water main will make supplemental water supplies available to many neighboring communities, while enhancing fire protection capabilities throughout the region.

The design work has been finalized, but permit approval is still pending. Once permits are issued, the bidding process will begin. Construction is projected to start in early 2013.

A project of this magnitude could not be done alone. Our strategic partners in this effort are Forest Park Water, North Penn Water Authority and Bucks County Water and Sewer Authority.

Watch for more details in the next issue and on our website!

Leaks Waste Water!

Drips per minute	Water wasted per day (gallons)	Water wasted per month (gallons)	Water wasted per year (gallons)
5	0.75	22	263
10	1.5	43	526
20	2.9	86	1,051
30	4.3	130	1,577
40	5.8	173	2,103
50	7.2	216	2,628
60	8.6	259	3,154
70	10.1	302	3,679
80	11.5	346	4,205
90	13.0	389	4,731
100	14.4	432	5,256



Q: *What is the energy-water nexus?*

A: There is a very close connection, or nexus, between energy and water.

It takes a significant amount of water to create energy. Water is a necessary component of electric power generation and is required to generate hydropower.

A shortage of water could inhibit energy production since power plants in the United States withdraw over 143 billion gallons of fresh water every day, which is three times as much as used for all public drinking water supplies.

On the other hand, it takes a significant amount of energy to treat and move water. Energy is used to extract, move and treat water for drinking and a myriad of other uses. It is also used in the collection, treatment and disposal of wastewater. Energy is also consumed when water is used by households and industry, especially through heating and cooling.

Water is essential to our ability to grow food as well. Current agricultural methods rely on a plentiful supply of water for irrigation and a plentiful supply of fossil fuels used for fertilizer-intensive crops and the machinery used to cultivate them. Changes in global precipitation patterns due to climate change threaten the balance of water available for agriculture. At the same time, fossil fuels are becoming a less viable source of energy due to depletion, cost and environmental impact.

We all have an important role to play by reducing the amount of water we consume. This not only conserves water and energy, but saves money on our utility bills.

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