

waterings

January 2008

Volume 3, No. 1

Water, Water, Everywhere!

Or is it? **Water crisis** might more accurately describe the worldwide water situation. Even though about 70 percent of the planet is covered by oceans, that water is unusable because of the salt in it. Only about one percent of the Earth's water is actually available for human consumption.

There are several factors contributing to the worldwide water crisis. First, water supplies are not distributed evenly around the globe. Drought and human over population have further contributed to this crisis. There's mismanagement of water resources. And lastly, water shortages are often a problem for the world's poorest persons, those who lack the resources to solve the problem.

Over one billion people worldwide do not have access to safe drinking water. It is a crisis that is killing 3900 children a day from water-related illnesses. Indeed, waterborne diseases and the lack of sanitary drinking water are the leading causes of death in the world.

Unless something is done, forecasts for the Year 2025 predict that two-thirds of the world's population will be without safe drinking water and basic sanitation services.

What You Can Do

Learn more about the crisis. An easy way to get started is to visit some of these these websites:

Water for People - waterforpeople.org
WaterPartners International - water.org
World Water Council - worldwatercouncil.org
International Decade for Action-Water for Life - un.org/waterforlifedecade
World Water Day - worldwaterday.net

For a discussion of the water crisis and its many implications visit Wikipedia, the online encyclopedia-
en.wikipedia.org/wiki/Water_crisis

And then get involved. The more you learn, the more you'll realize that doing nothing is not an option.

Lateral Maintenance Program - Have You Signed Up?

Did you know that the pipe that carries water from your curb to your house is owned by you? What this means is 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 its 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" connections - \$30 per year

You may sign up for the Lateral Maintenance Program online by going to:

www.nwwater.com/go/lateral

Or simply call our office to have an application mailed to you.

Don't Delay! Sign Up Today!



NWWA

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Get to Know Us - NWWA's System Controls & Metering Team

The North Wales Water Authority has over 30 remote pump stations and water storage tanks located throughout our 50 square mile service area. Imagine how hard it would be to effectively and efficiently monitor each and every one of those locations without computer technology.

NWWA has a state-of-the-art SCADA, or control system, that continuously monitors water pressure and flows throughout the system, tank levels, weather, and water quality. Our Production Coordinator is the person responsible for overseeing this system, making sure that it is functioning properly and responding as required to any sudden changes in the system. He is a seasoned professional with almost 20 years of water utility experience and has received his PA Water Works Operator certification.

While the Production Coordinator monitors how much water NWWA produces, the Metering Department is responsible for how much water is actually sold. Their primary job is to make sure that customer consumption is being accurately measured by ensuring that all meter readings are accurate. In other words, they make sure your bill is correct!

The Metering staff has almost 70 years of water utility experience among them. They are also all certified Water Works Operators. In addition to the important role they have of overseeing water sales, they have the critical role of managing the Authority's backflow/cross-connection control program. Backflow prevention is important in ensuring the delivery of safe, top quality water to your home and business.



Q: *What are the implications of climate change for water utilities?*

A: The scientific community supports a view that global warming is already happening and it is likely to accelerate over the next several decades. The leading edge of some impacts on water suppliers may already be apparent today.

The broad range of impacts that could be produced by climate change is staggering as global warming will basically accelerate the pace of the hydrologic cycle. Warmer temperatures will cause the earth's water to evaporate more rapidly and the total amount of precipitation will increase. Forecasts of the amount of precipitation vary greatly from one region to another.

Warmer temperatures imply that areas subject to drought may experience more extensive conditions while, at the other extreme, areas accustomed to moderate precipitation can expect to experience increased frequency and intensity with severe flooding. Warmer and shorter winters will result in the reduction of water stored in glaciers and seasonal snowpacks. The shortened cold season means that the spring melt can arrive much earlier and have significant implications for water supplies available downstream in late summer and early fall.

Many utilities have begun to respond to climate change by adopting a broad strategic view that includes environmental, socioeconomic and engineering factors.

**Water Rings is published Quarterly to Serve our Customers in:
North Wales Borough and Lower Gwynedd, Montgomery,
New Britain, Upper Dublin, Upper Gwynedd, and Whitpain Townships.**