

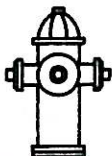
DAVIDSON WATER, INC.

WELCOME, N.C.



OCTOBER, 1991

The Nation's Largest Rural Water System



SINCE 1969



DON'T LET THE WELL GO DRY

Davidson Water, Inc. is in the process of purchasing land to build an elevated water tank to serve the Wallburg, Abbotts Creek and West Lexington Avenue communities in our service area. This tank is needed to provide adequate water supplies during peak demand periods, during dry summer months, for fire protection and to allow for future growth. In this area of Davidson County, without a new storage tank, we could be forced to have a "moratorium" on new water taps in the near future.

We have found land for sale that is suitable due to proper ground elevation and its proximity to major water lines, which makes this site cost effective. This property is located on West Lexington Avenue approximately 600 feet west of High Point-Wallburg Road on the south side of West Lexington Avenue. The tank will be a 500,000 gallon elevated water tank.

In order to build a tank, we need to obtain a special use permit from the Planning Board and the County Commissioners. We need your help and support in obtaining this special use permit. Please let members of the Planning Board and the County Commissioners know of your support of an elevated water tank in this area. Try to attend the Planning Board and County Commissioners meeting when this is placed on their agenda.

BANK DRAFT PAYMENTS

Due to numerous requests from our customers, Davidson Water, Inc. now offers bank draft service for payment of your monthly water bill. Anyone interested in having their water bill automatically drafted from their checking account monthly should contact our office.

CROSS CONNECTIONS

What is a cross connection? Any physical connection between an approved water supply system and any other piping system, sewer fixture, container, or device whereby water or other liquids, mixtures or substances may flow into or enter approved water supply system. So as you can see by that definition we have a potential problem in our water system. The problem that could exist is known as backflow or back siphonage of contaminants back into our drinking water.

This happens when the system's water pressure falls below the water pressure inside our homes, businesses, and industrial plants. This forces water in their lines back into the Davidson Water lines and is carried into private homes and businesses elsewhere. The water out of these premises actually runs backwards or back flows. Back siphonage refers to the reverse flow of a liquid as a result of negative pressure in the approved water system upstream. Negative pressure can develop when a water main breaks, or when there is a heavy demand on the system such as fire fighting. The examples above and many others can be eliminated with the proper backflow devices incorporated on your service lines. Other examples of potential hazards from homes are:

- Using a garden hose to unstop sanitary sewers, kitchen sinks, etc.
- Private wells
- Hot water heating boilers with chemical treatment
- Exterminators
- Deodorizers used in tank type water closets
- Photo developing
- Hot tubs
- Kidney dialysis machines
- Lawn sprinkling systems.
- Fire sprinkling systems
- Solar systems with antifreeze
- Aspirators used for spraying lawn and garden chemicals

North Carolina State Law

Section .1006 DISTRIBUTION SYSTEMS

Paragraph

(b) Cross-Connections

- (1) No potable water supply shall be connected by any means whatever to another source of water supply or to a storage facility unless such connection has been previously approved by the Division of Health Services. No connection shall be made to any plumbing system that does not comply with the North Carolina State Building Code, volume II, or any applicable local plumbing code.
- (2) No person shall introduce any water into the distribution system of a public water supply through any means other than from a source of supply duly approved by the Department of Human Resources or its representatives, or make a physical connection between an approved supply and unapproved supply unless

authorized in an emergency by the Department of Human Resources or its representative.

Davidson Water, Inc. recommends that all connections have some form of backflow prevention. All private homes need to have a cutoff, dual check valve, and most homes a pressure reducing valve.

LEAD IN YOUR WATER

CAUTION " NEVER USE HOT WATER TO DRINK OR COOK WITH AND NEVER USE HOT TAP WATER TO FIX A BABY'S FORMULA!"

The EPA and the North Carolina Department of Human Resources have become very concerned with lead in water. Lead is known to cause serious damage to the brain, kidneys, nervous system, and red blood cells. The greatest risk, even with short-term exposure, is to young children and pregnant women. The maximum contaminant level that is allowed in water is 15 parts per billion.

Davidson Water, Inc. has tested our water extensively for lead. The raw water coming out of the Yadkin River is relatively lead free. Our water system is free of lead pipes and lead fittings.

This means that the water coming through the meter is well below the maximum amount of lead allowable. It is so low that it is non-detectable on most modern tests. You still need to be concerned! The pipe and fittings on your side of the meter may create a problem with lead. Many houses have plumbing using copper pipe and lead solder. The lead solder in the joints have a tendency to leach out in the water. In the past, plumbers used a 50% lead solder. They are now required to use solder with less than 2% lead. Homes built in the last five years should contain this new type solder. Homes older than five years with lead solder joints should always

run the cold water for a few minutes the first thing in the morning or anytime when water has been standing in the pipes for several hours. This will remove the water that the lead has leached into. Water checked in homes with lead solder have a higher content of lead the first thing in the morning. After running the water only a few minutes the lead content is almost undetectable. A sample taken from a residence by Davidson Water, Inc. showed a lead content of 200 parts per billion before flushing. After running the water for 45 seconds the same residence registered a lead content of less than 3 parts per billion.

Hot water leaches more lead into it than cold water. Never use hot water out of the spigot to drink or cook with. Never fix baby formula with hot water directly out of the spigot. Always use cold water and warm it on the stove. The older your house the less problems you should have with lead leaching into your water now. The first five years are the more critical time. Older homes ten to twenty years have been tested good, no lead.

If you are building a new home make sure no lead is used.