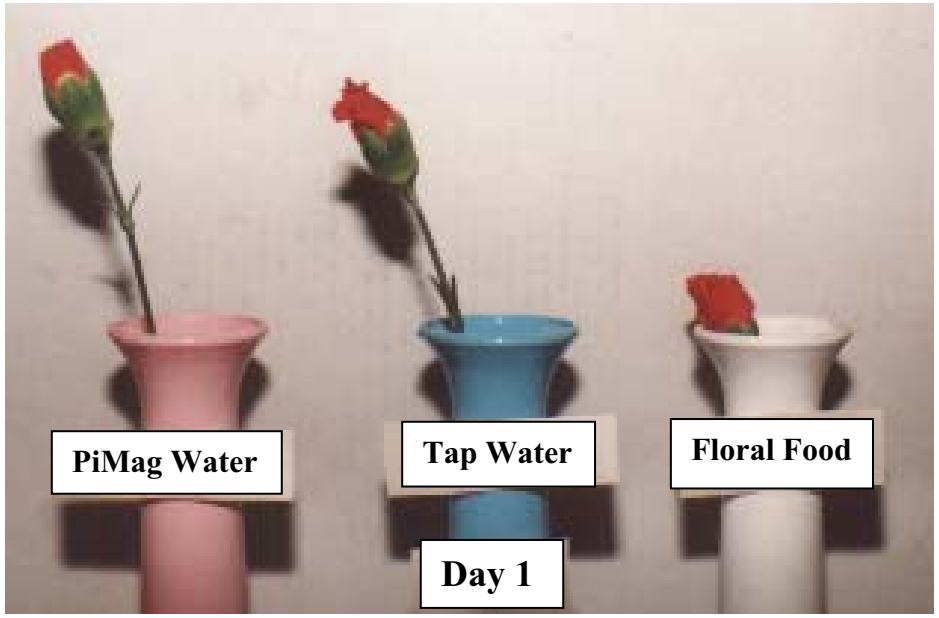
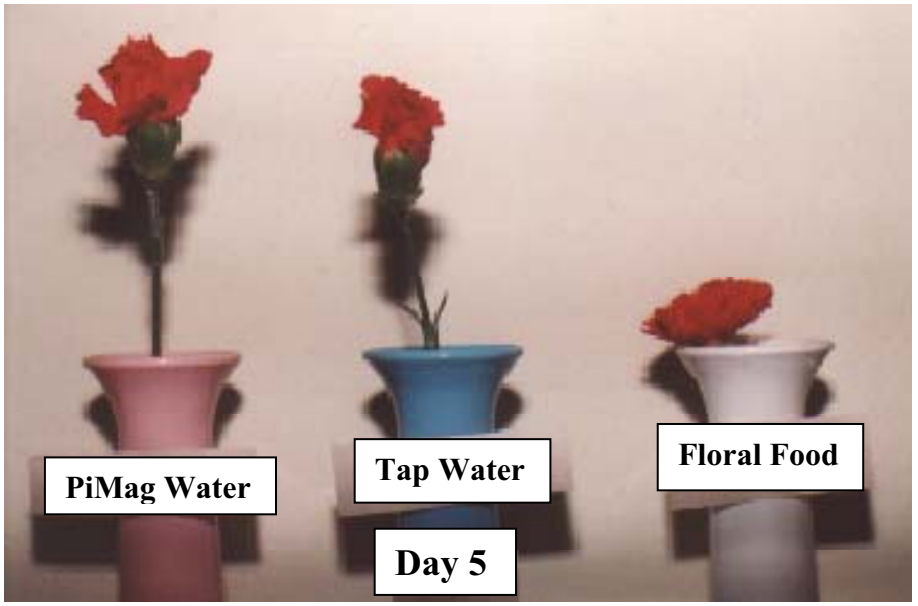
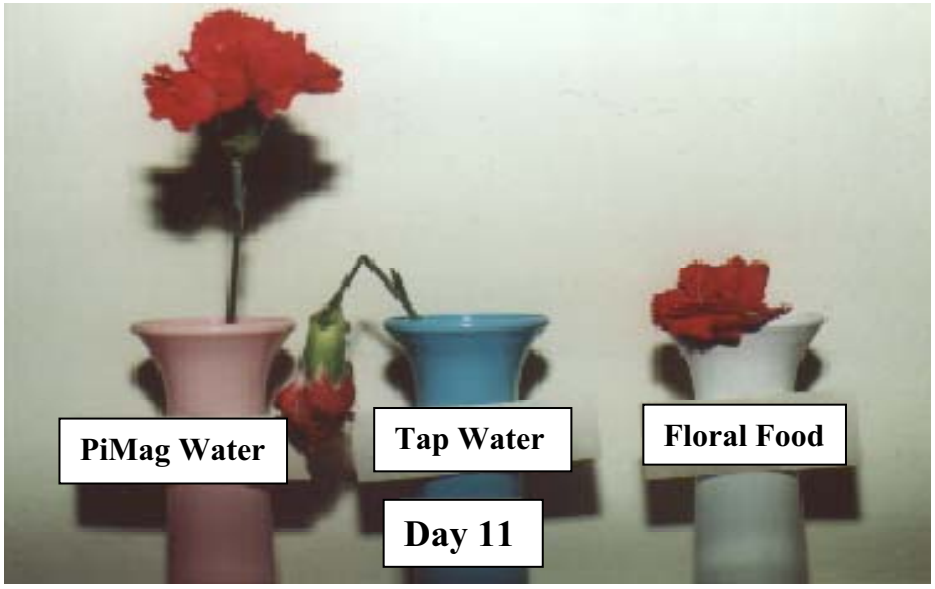
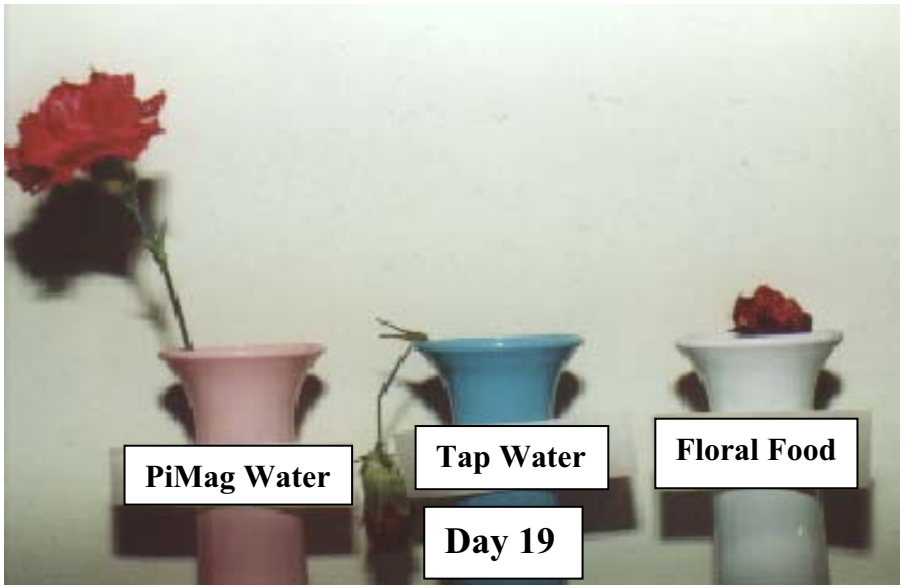
PiMag Water and Flowers

Pictures by Diane Pixler from Albion, Iowa









Human Skin and Pi Water

http://www.ionlife.info/pi.html

Human skin before using Pi water

Human skin after using Pi water

Water Softners

From: rik_ellen@mail.unidial.com

My sister and her family were experiencing fatigue and headaches years ago...their doctor told them to stop drinking water softened water, as the salt was bad for them, and they immediately stopped having headaches and fatigue...it's NOT the kind of salt their body needs!

Ellen Manuel

From: majorlucas@yahoo.com

The salt from the water softeners if it is regular rock salt, probably does very little one way or the other except mess with their sodium a little. Many of the water softeners use a potassium salt, again probably very little effect. My concern would be the impurities in the salt and what they may be. I would NOT drink the water.

Marty Lucas

FROM: cbacon@wcenet.com

My sister in Oklahoma bought the PiMag system and hooked it up to her kitchen sink, but her softener treated 'all' the water in the house, therefore, she too had the salty taste. My husband hooked up a Magna-Charger (Nikken's big waterline magnet) to her water line coming into the house, and disconnected the softener completely. The salty taste was gone, but also after awhile she noticed her water was actually as soft as it had been with the softener. She now has a softener for sale, and is enjoying soft water without messing with the softener on a regular basis.

From: bobalou@wynman.com

My conclusion is that the salt from water softeners is not the salt MY body wants, so I'll stick with the Living Water & rely on food, coral calcium & seaweed for whatever salt my body needs.

A good web site to look at: http://www.aquadoc.com/96f.htm - entitled: “Municipal water softening and mortality rates of heart disease in Iowa”

Investigators: GF Parkin, Department of Civil and Environmental Engineering; CF Lynch, Department of Preventive Medicine and Environmental Health, The University of Iowa

In the United States, hardness (mostly magnesium and calcium) is removed from drinking water to prevent scaling of pipes and consumption of soap. Several studies indicate magnesium and calcium may be protective against heart disease. Removing hardness by ion exchange results in an increase in sodium concentration. Sodium is a well established risk factor for hypertension and resulting ischemic heart disease. An ecologic trends study of community mortality rates of heart disease in Iowa will be conducted to test three hypotheses:

1) mortality rates of HEART DISEASE ARE ELEVATED in communities using ion exchange (better know as "SALT TYPE" water softeners!!) softening treatment;
2) communities using lime softening treatment have lower mortality rates of heart disease compared to communities using ion exchange (better know as "SALT TYPE" water softeners!!); and 3) drinking water hardness may be protective against heart disease. Linkage of existing health outcome and municipal water quality databases maintained by the State Health Registry of Iowa and CHEEC will be a main component of this study. Significant differences in mortality rates of heart disease by type of softening treatments would indicate that more in-depth studies are warranted.

Heart Associaton Health Warning on Water Systems That Use Salt
http://www.aquadoc.com/warning.htm

INDIANAPOLIS-Researchers across the country, reacting to the concerns of health experts about the possible connection between sodium and health problems are recommending that people on salt-restricted diets avoid home water softners that use sodium.

According to the American Heart Association (AHA), fatal heart attacks and strokes are more common in areas where water is either naturally soft or has been treated to remove the calcium and magnesium.

The AHA also indicated some other health problems, including goiters and gall bladder disease, may be tied to consumption of salt-softened water.

Authorities on water conditioning point out that it is possible to soften water without using salt. Water conditioners that do not use salt are totally safe from a health point of view, as well as being environmentally sound.

In Regina, Saskatchewan, that city's medical health officer cautioned the city government that "softened Regina water could result in levels of sodium which are undesirable for persons with certain medical conditions requiring restricted sodium intakes." As a result Regina is considering action to restrict the use of salt-softened water.

Some authorities have said that the problem is not limited to drinking water, but also to absorption of salt through the skin when bathing.

With most water softners that use salt, calcium and magnesium are removed and replaced with sodium. Sodium has been linked to high blood pressure and hypertension.

There are alternatives to conditioning water with salt softners, such as Magnetic Water Conditioners. The Magnetic Water Conditioners do not use salt to soften the water, and do not remove calcium and magnesium, two vital minerals necessary for good health.

The Water Qualitiy Association - a trade association representing the manufacturers of water conditioners that use salt - reports that a cup of hard water treated with softners contains only a small amount of sodium, approximately the amount in a slice of bread. However, even the association suggests that people on salt-restricted diets should use a special filter on their taps if their water is softened by a salt-using conditioner.

Unfortunately, this solution would not protect persons who need to avoid sodium from the possible hazards of bathing in salt-softened water.

According to Dr. Martin Fox's book, Healthy Water for a Longer Life, an adult who takes a 15 minute bath typically absorbs almost twice as much water - and chemicals dissolved in it - as he or she gets in a day's drinking water.

"The implications of this research," Dr. Fox wrote, "are overwhelming. Obviously, having an acceptable point-of-use home filter or proper bottled drinking water is not adequate protection from harmful waterborne chemicals."

There are several advantages that the Magnetics has over softners that use salt. The Magnetics do not require backwashing to regenerate the mineral beds so water bills are reduced and regeneration time is not necessary. There is no sodium residue, so septic tanks pump-outs are cut down. And since the Magnetics do not use potentially harmful chemicals, there are no environmental or health hazards in using it.

FROM: bigco@mail.bfm.org

The PiMag water works great with softened water. In fact, the filters will last longer using soft water than hard water. Not as much to filter out. I got my PiMag System about a year ago and just recently changed my filters. I thought that was pretty good since I used the water more than what is recommended. I even watered some of my outdoor perennials with it this past summer. The filters normally last about a year. The taste is great!

Betty

FROM: rmsimpson1@home.com

My home is equipped with a Culligan ion exchange water conditioner for all internal plumbing. Although the water was soft and had an excellent taste I had been distilling all drinking and cooking water for more than a year. As soon as it became available I installed a PiMag system to provide drinking and cooking water from a separate spigot on my sink and to my refrigerator for ice making and chilled water. There has been no problem with the PiMag system since it was installed nearly a year ago. Personally, I expect the life of the filter will be doubled because of the quality of water supplied to it. From my experience you should have no problem adding PiMag filtration to water that has been treated with an ion exchange water conditioner, and the water will be much better for your health than the distilled water.

Robert Simpson

FROM: rmsimpson1@home.com

The only reason for softened water to have a salty taste is inadequate flushing of the resin tank with fresh water after the back flush cycle. Brine is used to back flush and recharge the resin crystals, exchanging sodium ions for the calcium and magnesium ions that have accumulated in the resin crystals. This leaves a salt residue in the resin tank that must be flushed out with fresh water.

In a system that is functioning correctly this procedure occurs automatically at a time when there will be no demand for soft water. (During this procedure water supplied to the house is by-passed around the water softener.) However, if the fresh water flushing cycle is too short the brine will not be completely flushed from the resin tank, and water supplied to the house will have a salty taste until several gallons have flowed through it. Each morning I check the taste of the water at the regular faucet on my sink, not the PiMag spigot.

Occasionally, I notice a slightly salty taste and recognize that my water softener has not completely flushed the brine from the resin tank during the night. (My water softener has been in use for 30 years, and some of the gaskets probably need to be replaced.) The PiMag filter can remove very small particulates from the water, but it cannot remove salt that is in solution at the molecular level. When the first water drawn has this salty taste I let water run from the regular faucet, not the PiMag spigot, until it tastes fresh. It may take several gallons to finish flushing the system, but it will not affect the PiMag filter, because none of the salty water will flow through the filter if you follow the above procedure.

The way you describe the situation at your church makes it sound like the water softener is malfunctioning. There is no way a PiMag filter can make fresh water taste salty. The water had to be salty before it flowed through the PiMag filter. My suggestion is that you have a qualified service technician check out the water softener.

Bob Simpson

From: BJPRevMom@aol.com

So often folks are drinking water that has passed through a water softener. Water softeners leach the lithium from our water - and that has contributed greatly to some of our "emotional imbalances". Our health (physical and mental) rests on proper sleep, good water, and adequate nutrition. This is something I read in a health magazine years ago. My family stopped drinking softened water for that reason alone. The salts in the softener are what take out the lithium that is a naturally occurring mineral in our water in trace amounts.

The article was an explanation of why more women (housewives) tend toward depression - they are at home drinking the softened water more. I probably wouldn't have given the article as much credence as I did, if I hadn't noticed a higher incidence of depression in some of the men I knew who were drinking softened water, too. Might be a coincidence, but I have nevertheless recommended that folks not drink softened water. I love the fact that our water system puts back in some of the trace minerals that we need, as well as taking out all of the harmful stuff. Here is more information from the web:

http://home.earthlink.net/~berniew1/tmlbn.html

In a large Texas study, incidence of suicide, homicide, rape, robbery, burglary, theft, and drug use were significantly higher in counties with low lithium levels in drinking water. In a placebo controlled study on prisoners with a history of impulsive/aggressive behavior, the group taking lithium supplements had a significant reduction in aggressive behavior and infractions involving violence. The authors suggest that for those areas with low lithium levels in water, water systems should add lithium; and those with deficiencies in lithium or displaying aggressive or impulsive behavior would likely benefit from lithium supplements.

Based on thousands of hair tests, at least 20 % of Americans are deficient in magnesium and lithium, with zinc deficiencies also common. The resulting deficiency of such essential nutrients has been shown to increase toxic metal neurological damage.

Lithium protects brain cells against excess glutamate and calcium, and low levels cause abnormal brain cell balance and neurological disturbances. Lithium also is important in Vit-B12 transport and distribution, and studies have found low lithium levels common in learning disabled children, incarcerated violent criminals, and people with heart disease.

Lithium supplementation has been found to be an effective treatment adjunct in conditions such as bipolar depression, autism, and schizophrenia where mania or extreme hyperactivity are seen. It has been documented that conditions like depression and other chronic neurological conditions often involve damage and nerve cell death in areas of the brain like the hippocampus, and lithium has been found to not only prevent such damage but also promote cell gray matter cell growth in such areas, and to be effective in treating not only depressive conditions but degenerative conditions like Huntington's Disease which are related to such damage.

Blessings of health, Bonnie in Indy

FROM: rsimpson38@comcast.net

My home also has a water softener that uses brine to backflush the mineral tank, and I have been using a PiMag filter since they were made available. Sometimes, after the mineral tank has been backflushed during the night, some brine will remain in the tank and give

the water a salty taste the following morning. If this brine is drawn through the PiMag filter it may be necessary to run several gallons of water through the filter to clear it of the salty taste. To avoid this, the first thing each morning, I check the unfiltered water for brine. If it tastes salty I run water through the sink faucet until the salty taste is gone before running any water through the PiMag filter. This condition may be a sign of poor valve operation in the water softener or a mineral tank in need of servicing.

FROM: Bjsgrandma@aol.com

Salt water softeners should be installed so as to bypass the drinking water line. Installers will tell you this cannot be done, however we know better. A reliable installer will not have softened water going to the drinking water faucet. We have a salt water softener and when it was installed, the installer bypassed all drinking water faucets, and we have 3 of them in our home.

FROM: magna-eagle1@bresnan.net

The Nikken system (PiMag and Optimizer) do not correct water softened water. In fact, water run through a water softener may get rid of the hardness of the water but in so doing it replaces the hardened water with softened salt water which is not good for the body's cellular structure. They are drinking salt.

Recommendation: Bypass the water softener with a separate line that goes to the kitchen for drinking and cooking. This line can be hooked through a simple - relatively cheap carbon filter and then through the Nikken PiMag system. The filter would prevent any large particles from entering the Nikken filtration system. The water can now be put into the Optimizer for oxidation.

Lawrence