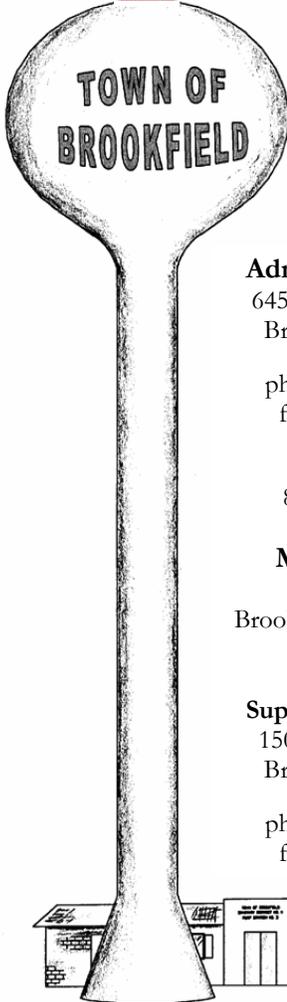


WATER TOWER NEWS

SANITARY DISTRICT NO. 4



Administrative office:

645 North Janacek Road
Brookfield, Wisconsin

phone: 262.798.8631
fax: 262.796.0339

Monday - Friday
8 a.m. to 4:30 p.m.

Mailing address:

P.O. Box 1296
Brookfield, WI 53008-1296

Superintendent's office:

150 South Barker Road
Brookfield, Wisconsin

phone: 262.798.8629
fax: 262.796.0339

SUPERINTENDENT'S REPORT

As you read this the trees will have changed and you will be thinking about getting out your sweaters and shovels. We will be thinking about the change in our work environment. We have things that don't stop when the weather changes. We still need to maintain the system, we still need to read meters, and we still need to fix whatever breaks. Certainly we try to take care of our outside duties before the North Wind starts to blow, but there is always that one thing that wants to break on a holiday or Super Bowl Sunday. So where I'm going with this is, PLEASE help us out, this and every winter, clear the snow from your hydrant. Also, it's not only snow, but bushes and shrubs. If the Fire Department can't see them, they can't use them.

The new tower just had its one year birthday. There was no party or cake, but I did give its level transducer a little birthday tap. Interesting thing about the new tower, since we built it, everything, SCADA electronics, alarms, cathodic protection, paint, doors were perfect. Everything, but a sample tap on the main riser pipe that had a little leak. I might have been crazy, but we did pay a LOT, and I thought it should be fixed. In case you haven't figured out the bad news, the sample tap at the bottom of the riser pipe has 300,000 gallons of water on top of it. I wanted it fixed, so on October 1st we drained the new tower so they could fix the leak. Now I'm happy. I'm thinking of it as a birthday present for the tower.

This was a fairly good year. We rehabbed two wells, well #1 and #3, installed many of the new Orion meters that can stay in for 20 years and fixed a boatload of small stuff, but so far nothing unexpected or huge. Quick note on the well rehab process. Forever, the approved method was to put acid in the hole to clean the rock formation. I was never entirely comfortable with that, so this time when we did Well #3, we used compressed air that they fire out of a cannon into the hole and the sound pressure cleans the iron off of the formation. By the time we did Well #1, I learned nitrogen would be a better fit than oxygen. Overall, they both worked great to clean the hole and we didn't have to use acid. Makes me feel greener.

In closing, I was at Sam's and saw a package of 35 bottles of water for \$3.97. I said to my wife, "we could sell our water in bottles too, but at \$3.97 for 35 bottles, instead of 12 oz. bottles they would have to be 84 gallon bottles". So what I'm saying is, save some money on the bottled water, and you will have extra money for that big Christmas present for your honey. Have a nice Holiday season, and drink more water. We will all be happier and healthier. I know you have been waiting for my bottled water opinion.

Don't forget Santa will be at the Town Hall December 5th taking your Christmas lists. But he will not take lists with bottled water on them. Even Santa's reindeer don't do bottled water.

Have a great and safe holiday season!

Terry Heidmann – Superintendent

HOLIDAY SCHEDULE

The Sanitary District office, which is now located in the town hall, will be closed for the following holidays:

Thanksgiving November 28 & 29
Christmas December 24 & 25
New Year's December 31 (1/2 day)
January 1, 2014



*"Wishing you a safe,
happy holiday season
and prosperous 2014"*

WELL PERMIT RENEWALS For 2013 PAST DUE

If you received notification last April that your well permit needed to be renewed, and you haven't sent in your paperwork, your well is now **not** in compliance. Sanitary District ordinance requires that penalties be assessed against you, the property owner, and you may be forced to abandon the well.

If you have not completed the process, **you need to call the Sanitary District office at 262-798-8631, as our next step will be to turn your name over to our attorney.** All expenses involved in the abandonment of the well will be billed to you, and if not paid, will be placed on the property tax bill.

EXERCISING YOUR VALVES

When we come out to make a scheduled meter change, we find that many of the valves before and after the meter have not been exercised and are stiff or frozen. This can be problematic when we change the meter.

It could be catastrophic if something in your house breaks and you need to turn the water off as that is your main feed line. It would be prudent to exercise the valves, turning them off and on at least once a year, as we do with our main



FORWARDING UTILITY BILL

Due to the fact that the U.S. Postal Service does not forward any mail that is addressed to "current resident", if you have moved, or are leaving the area for any considerable length of time and would like your utility bill to be sent in your name to another address, we require that you make that request "in writing". You can come into our office for an **Address Change Form** or you can download a copy from the town's website at www.townofbrookfield.com, click on "Departments", "Sanitary District No. 4 Information" and look for our forms.



WATER FACTS

- ◆ Water expands by 9% when it freezes.
- ◆ Frozen water (ice) is lighter than water, which is why ice floats in water.
- ◆ A gallon of water weighs 8.34 pounds.
- ◆ A cubic foot of water weighs 62.4 pounds
- ◆ An inch of water covering one acre (27,154 gallons) weighs 113 tons.
- ◆ The average person spends less than 1% from personal income for water, wastewater, and water disposal services.

Voluntary Mercury Removal & Chloride Reduction Reminder

Sanitary District No. 4 operates what is referred to as a collection system for our waste. The treatment of said waste is handled by the Fox River Water Pollution Control Center located in the City of Brookfield. The treatment plant is asking for your help in reducing chloride and mercury discharge into the system. Mercury has always been on the DNR's watch list and currently they are also asking for our help in the reduction of chlorides. We have brochures: "Water Softeners and The Environment" and "The Waukesha County Mercury Collection Program" available at the town hall.

Mercury

Mercury is an extremely toxic, non-degrading substance in the environment. As an environmental contaminant, mercury travels far and wide in air and water. Mercury poisoning has been linked to nervous system, kidney, and liver damage, and impaired childhood development. What can you do to reduce mercury in your wastewater? Remove mercury at the source by bringing your mercury to a hazardous waste or authorized mercury collection site. Mercury can be found in electrical switches, thermostats, fluorescent lights, thermometers, blood pressure gauges, chemical reagents and cleaners. Do not pour mercury down the drain and do not place it in the trash. Please call Waukesha County at (262)896-8327, or go to www.waukeshacounty.gov/recycling for more information.

Chloride

The DNR is requiring the Brookfield treatment plant to identify significant sources of chloride discharged to the sewer system. State regulation NR211.40 authorizes publicly owned sewage treatment works to regulate chloride discharges from all sources. Voluntary source reduction efforts will be sought from any significant dischargers. What can you do to reduce chloride in your wastewater? A major origin of chloride discharge is water softeners and water softening processes. Source reduction efforts include using the minimum salt dosage required during softener regeneration. Or you could use potassium chloride, which is more expensive, instead of sodium chloride. Another way is to replace your old softener with a softener that uses a meter instead of a timer for regenerations.

KEEP FIRE HYDRANTS ACCESSIBLE

If there is a **fire hydrant** on, or near your property, please remember to keep it **free from snow** during the winter months. In doing so, you could save your home, your neighbor's home, or possibly lives!



More Information On Town Website

For more information, check out our website with frequent updates. The address is: www.townofbrookfield.com.

The Sanitary District's information can be found under Departments. Information on billing rates, to well permit renewals and forms to renew your permit or make a temporary address change for those of you fortunate enough to escape our Wisconsin winter.