



Read All About It!!!

New stuff going on all around.

August 2008

Summer water saving tips.

- Water lawn only when needed.
- Fix leaky faucets and plumbing joints.
- Don't run the hose while washing car. Use a bucket.
- Install water saving shower heads or flow restrictors.
- Shorten your showers.
- Run only full loads of laundry.

Variance Update!!

The proposed study and testing by the Missouri Department of Natural Resources (**MoDNR**) and U.S. Geological Survey (**USGS**) on the Harg was completed earlier this year. Though the results were not definitive, they were convincing enough for the District to decide to move forward as soon as we can to take further steps to remedy the situation and bring the well back into compliance. The initial study revealed that a natural flow of water from the lower portions of the well shaft to the higher portions. This lower portion is where the higher levels of radionuclides are located and where there are also higher levels of total dissolved solids (**TDS**). Unfortunately, this area is also some of the better water yielding formations of the aquifer. The purpose of the study was to confirm where the problems were and also if the problem areas could be isolated without eliminating the high yield potential of the well. The proposal is that we seal the lower 150' to 300' sections or strata's of the 1500' borehole this would eliminate the water from this area in flowing upwards in the shaft and producing elevated radionuclide and TDS reading. If this solution works it should bring the Harg well back into compliance and improve the overall water quality from this source.

How the study was performed. The study was performed over a period of three months. After the pump was removed and the well was out of service, there were multiple tests performed with various equipment and devices by MoDNR and USGS. There were multiple water samples taken at different levels in the well shaft along with temperature and conductivity readings. Finally, after these were reviewed and analyzed there were specific areas in the well shaft that were chosen for a packer (an inflatable device that can seal off a portion of the bore hole). The packer would be placed while additional water tests were performed to see where specifically the radionuclides were coming from and what the results would be with these areas below that the packer had sealed off.

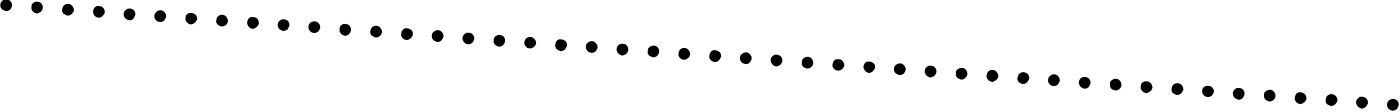
To be sure that we could perform this change on the well and still be able to use it with good yield if for some reason we still would have radionuclide readings above the Maximum Contaminate Level (**MCL**) and pursue treatment as an option, we ran a pump test with a packer installed at the highest designed point in the well shaft. The well still yields 350 to 400 gallons per minute for 24 hours. Although this is less than the current yield of 600 gallons per minute, we feel that this is a good trade off in still being able to utilize the well since it is in an area where the existing infrastructure allows it to be the most feasible and useful. Once the work is completed and the well is in service we will keep you informed as to what the results are and how we will proceed.

For more information about the **MCL** data you can refer to the Consumer Confidence Report sent to you in July. If you have any specific questions or concerns, please feel free to contact us or review the information posted on our website www.pwsd9.com regarding this issue.



Get the 411 on the Line Improvements going on in the District...

The residents of the District in the South East portion of Boone County along Hwy WW beginning at Olivet Road and continuing East to Rangeline Road then south to New Haven Road will start seeing the latest major improvement in the District. The staff will be installing around 12,000' of 12" waterline to improve flows and volumes in the area around New Haven, South Rangeline, Bowling Lane, Vemers Ford and Ben Williams Road. Even though you probably haven't noticed low pressure this project should improve fire flows and allow for the additional growth this area continues to see and also allow for any substantial construction such as the proposed school site on Bowling Lane. Those residents not already contacted, who will be affected by the construction of this waterline, will be notified in the near future as the work progresses. We have hired C&S Companies to perform boring and installing casing pipe for the roads and creek crossings. Once their work is completed the staff can begin installing waterlines and the clean up and repair to yards and property will be done ASAP. If you have any questions or concerns about this project, please feel free to contact the office during normal business hours.



Water Myths and Realities

Myth: Once we use water, it's gone.

Reality: After water is used, it's recycled over and over again. Water is resilient and responds well to treatment. But using water and abusing it by contaminating lakes, streams, and wells with toxic chemicals are totally different. To keep our drinking water safe, we need appropriate treatment and source protection.

Myth: There are more pollutants in drinking water today than there were 25 years ago.

Reality: Not necessarily. Twenty-five years ago, we did not have the technology to know what was in our drinking water. Today, we have sophisticated testing instruments that help us to know more about our water than ever before.

Myth: Using a home water treatment device will make tap water safer or healthier to drink.

Reality: Some people use home water filters to improve the taste, smell, or appearance of their tap water, but it does not necessarily make the water safer or healthier to drink. Additionally, all home treatment devices require regular maintenance. If the maintenance is not performed properly, water quality problems may result.

Myth: "New" water is better than treated water.

Reality: There is very little water on Earth that is new. Most of our water has been touched by some type of human or animal activity. Even in remote wilderness areas, studies have found bacteria contaminating water. So, it's always best to drink water that you know has been treated.

Special points of interest:

- Rates are currently set at \$3.25 per 1000 gallons of usage.
- PWSD#9 Board of Directors meetings are scheduled to be held the 3rd Tuesday of every month at the district office. Please feel free to call for verification of dates and times.
- Call before you dig... for location of utility lines please call MO One Call at 1-800-344-7483.
- Deposits are required on ALL new meters and ALL new accounts.

Tired of those disconnect notices? Sign up for auto pay today!!

**PUBLIC WATER SUPPLY DISTRICT NO. 9
391 NORTH RANGELINE ROAD
COLUMBIA MO 65201
(573) 474-9521 or (573) 474-9522
web site: <http://pwsd9.com>**

PWSD #9 Account # _____ Parcel/W9 # _____

I hereby authorize Public Water Supply District No. 9 to charge my checking, savings and loan, credit union, or Visa/MasterCard account for the amount of the water bill. I further authorize the bank, savings and loan, credit union, or Visa/MasterCard to debit the same to such account.

Payments are to be processed on or near the 10th of each month.

Please Print

Name _____

Address _____

City _____ State _____ Zip _____

Your telephone number _____

Name of bank, savings and loan, credit union, or Visa/MasterCard

City _____ State _____ Zip _____

Bank transit number _____ Account # _____

(PLEASE ATTACH A VOIDED CHECK FOR THE ACCOUNT TO BE CHARGED)

Each keyed/phone call transaction is subject to a \$3.00 convenience fee.

Visa/MasterCard number from front and back of your card

Expiration Date _____
(# on back of card)

Your mailing (billing) address for your credit card **(Please notify our office if this address changes.)**

Zip _____

This authority is to remain in full force and affect until Public Water Supply District No. 9 has received written notification from me of its termination in such time and in such a manner as to afford Public Water Supply District No. 9 and financial institution a reasonable opportunity to act on it.

Signature _____ Date _____

Printed name _____

PLEASE NOTIFY OUR OFFICE WHEN ANY OF THE ABOVE INFORMATION CHANGES.
YOUR PAYMENT **WILL BE REJECTED** IF THERE IS ANY INFORMATIONAL DISCREPANCY.



PWSD#9

391 N. Rangeline Rd.
Columbia, MO. 65201

Phone: (573)474-9521

Fax: (573)474-4347

Office Hours:

8 a.m.-4:30 p.m.

Monday-Friday

After Hours Emergency

Line

(573)474-9522

Board of Directors

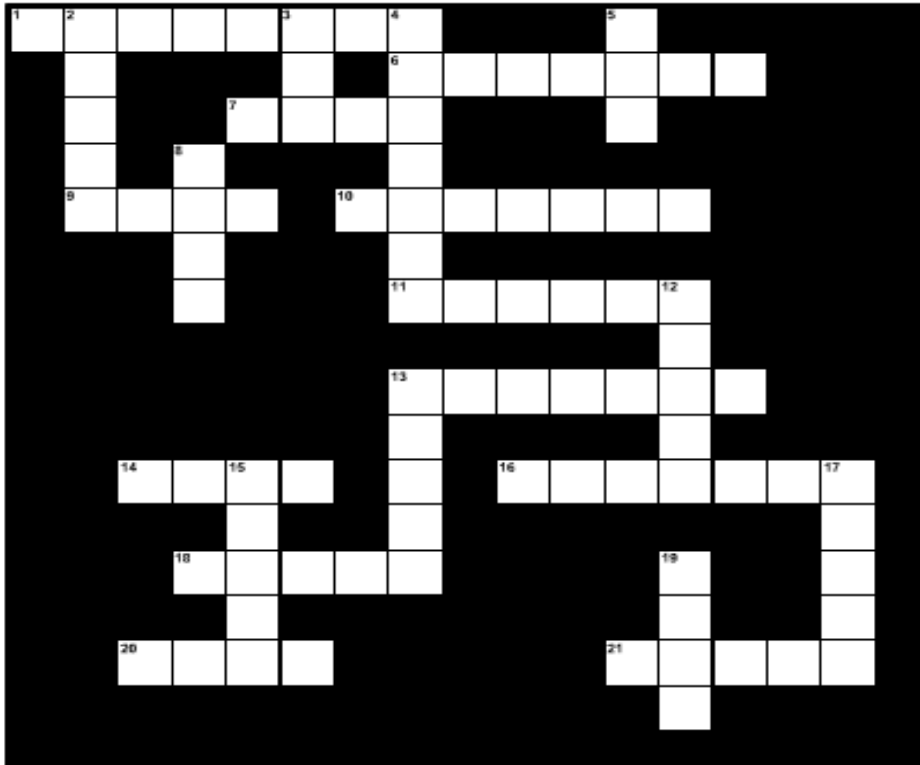
J.R. Richardson, President
Ralph Cox, Vice-President
James Davenport, Director
Zane Dodge, Director
Gary Cunningham, Director

Postage

Customers address

We're On The Web
www.PWSD9.com

WATER DISTRICT



ACROSS

- 1. water is great for
- 6. where you live
- 7. holds water under ground
- 9. water falling from sky
- 10. water helps with
- 11. water with current
- 13. applied on 16th
- 14. fill up in summer time
- 16. helps during fires
- 18. cause higher water bill
- 20. where you wash dishes
- 21. what we supply you with

DOWN

- 2. natural stream of water
- 3. frozen water
- 4. measurement of usage
- 5. used to unlock meters
- 8. shows amount due
- 12. shows customers usage
- 13. bring water into homes
- 15. where sharks live
- 17. hold water above ground
- 19. you drive on them

Answer Key is on our website. www.Pwsd9.com