

What's On Tap

at Consolidated Public Water Supply District No. 1 of Boone County

About Pressure Regulators

While driving across scenic Boone County you will see water towers in the skyline. Consolidated Water has eight elevated water towers that hold five million gallons of water. Not only is this for storage, it is also how the distribution system gets its pressure. You may ask how these locations were determined? The Water District's Engineer and Staff chose locations based on elevation in the area each tower serves. If Boone County was flat every customer would have the same water pressure at their homes. As you know, much of Boone County is not flat but has a lot of hills and hollers. As your elevation drops relative to the tower, your water pressure will increase.



This is where pressure regulators at your home come into play. What is a pressure regulator? It is a device that regulates the water pressure that comes into your home. Your appliances, fixtures and water softener are designed to function within a certain pressure range. Most pressure regulators come preset at 55 to 60 PSI (pounds per square inch) but can be adjusted to your personal preference.

Do you have a pressure regulator and where would you find it in your home? It is most often located inside the house, just past the shutoff valve, where your water service line enters your home. It can also be outside in a pit between your house and the Water District's water meter.

If you have a pressure regulator, you should check it periodically to make sure it is maintaining the water pressure you want. You can attach a pressure gauge on a hose bib and compare the reading to your regulator's setting. Some pressure regulators come with their own built-in pressure gauge. If so equipped, you can check for a stuck gauge by shutting the incoming water off to your home and then opening a faucet to reduce pressure in the home. If the pressure gauge drops then the gauge is not stuck. If it does not drop then the gauge is stuck and giving you a false reading.

Things to look for if you are not sure your pressure regulator is working properly:

- *Water pressure creep (increases gradually):* the pressure regulator may allow water pressure to increase as it sits overnight or for long periods of time without usage.
- *Banging Pipe:* if you hear noises from your pipes, it is a sign that your pressure regulator may be trying to shut down and lower the pressure. You will notice the sound more in homes plumbed with copper pipe.
- *Water flow:* if you notice a drop off in flow and pressure while using water in your home this could be a sign of the pressure regulator restricting the flow coming from the District's water main.

Most pressure regulators can be rebuilt, or you can replace it with a new one. If you are experiencing some of the issues listed above, please do not hesitate to contact the District and a Staff member will be happy to come out and check flow and pressure delivered at the water meter.

Winter Reminder



Here is your yearly friendly reminder to put a lid on it this winter! Making sure the lid fits securely on your meter plays a big role in preventing a possibly frozen water meter along with loss of water service. If your meter lid does not fit properly, please contact our office and we will be happy to send a serviceman out to repair it.

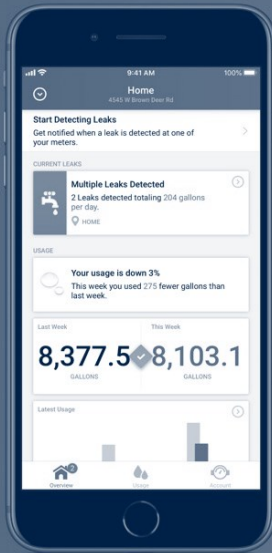


Have you changed your contact information? Give us a call at 573.449.0324 or send us an email at staff@consolidatedwater.com to ensure that we are able to contact you!



Our bill payment phone number recently changed! Call 844.916.1451 any time, day or night to pay your bill. All you need is your account number to get started.

All your water usage info in one place.



Eye On Water



Contact the District billing office to see if a new meter has been installed at your location.

New Employee Spotlight



Lauren Berube joined the billing office in April 2021. She is a Sedalia native, but has been a resident of Boone County since 2014. Lauren joins us from a banking background and lends her financial expertise from banking and customer service to our billing office.



MRWA Apprenticeship Update

In our Spring 2019 Newsletter we touched on the new Apprenticeship Program presented by Missouri Rural Water Association. The program has and continues to be a great success. In order to complete the program, the participant completes 2000 hours of supervised on-the-job training with their employer in combination with 144 hours of related training and instruction from Missouri Rural Water Association over the course of approximately two years. Since last reported, Consolidated Water is proud to announce that employee Derek West has completed the program. Consolidated Water currently has two more employees registered in the Apprenticeship program with plans to graduate in early 2023.



Upcoming Closings

- November 11—Veterans Day
- November 25 & 26— Thanksgiving
- December 24 (noon) & 27—Christmas (observed)
- December 31—New Years Day (observed)
- January 17—MLK Jr. Day
- February 21—Presidents' Day

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Capital Improvement Project Updates

Keeping infrastructure up to date and reliable is a part of our commitment to providing quality service to our customers. Capital Improvement Projects help ensure that we maintain enough capacity to meet water needs. Below are a few of the Capital Improvement Projects the District has planned for 2022.

Project	Estimated Cost
Route M Phase 2: 6,000' of 8-inch waterline from Pud Lane to Cedar Tree Lane & 7,000' of 6-inch along Calvin Drive from Route M to Lost Cabin Road Under Contract with an estimated completion Spring 2022	\$670,000.00
Highway UU 12-inch Replacement: 7,000' of 12-inch PVC from Blue Jay Way to and east along Van Horn Tavern Road Estimated Completion Summer 2022	\$840,000.00
Pierpont Area 6-inch Upgrade: Upgrading approximately 24,000' of existing waterline with 6-inch waterline in the Pierpont area Estimated Completion Spring 2023	\$1,440,000.00
New Salem Upgrade: 5,800' of 12-inch waterline along north side of New Salem Road between Robbie Forbis Road and Rangeline Road Estimated Completion Summer 2022	\$400,000.00