

December

A MONTHLY PUBLICATION
FROM YOUR WATER AND WASTEWATER ASSOCIATION

2019

Water Heater Expansion Tank By Steve King, Water Operator Level 2

Water comes into your home at 45 F° and as it is heated to 110 F° in your water heater, it expands. And as water is not compressible, it can cause damage to your plumbing. The answer is a Thermal Expansion Tank. If you don't have one, get one installed. If you have one, make sure it is functioning properly. First, determine your incoming water pressure. Entranosa Water & Wastewater sells a gauge for this, or one of our operators can help you. If the incoming pressure is 60 psi, the precharge pressure should be set to 60 psi also. If the initial precharge pressure is too low – the factory precharge setting is usually 20 to 30 psi – this imbalance will shorten the tank's life significantly. In an existing installation, here's how you check:

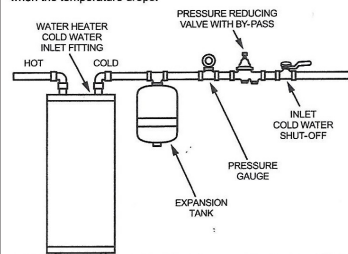


Expansion Tank

◆ Turn off the water to the house

PURPOSE OF EXPANSION TANKS

When water is heated it expands. Provision must be made for this expansion in a closed hot water system. This precharged diaphragm tank stores the expanded hot water then returns water to the system when the temperature drops.



- ◆ Open a tap until there is no flow
- ◆ Locate the Schrader valve (just like the valves on car tires), and using a good tire pressure gauge, check the pressure. If moisture comes out or the pressure is too low, you have a bad tank. If the pressure reading is good or off just a little, adjust it by adding or removing air.

- ◆ Write the date and pressure on the tank in permanent marker so that next time you check, you'll know if the precharge has changed significantly, which indicates a problem.

Upgrading System Capacity

One crucial project of 2019 has been the installation of 5,200 feet of eight-inch water mainline between Mountain Valley Road and Countyline Road.

This new eight-inch pipe will replace a 30-year-old, four-inch line that has been repaired many times over the years. The original four-inch lines were installed in the early 1980's and are at the end of their useful lives. That, coupled with higher water pressures, are a major source of leaks in the system. Gradual replacement of these lines is a high priority over the next 10 years as these four-inch lines make up over 20 percent of the total.



Crews install eight-inch water line

Entranosa Water & Wastewater Association
Office: (505) 281-8700

Emergency: (505) 604-5935 www.entranosawater.com

Office Hours:

Monday 9:00 am – 4:30 pm

Tuesday – Friday 8:00 am – 4:30 pm

Entranosa is an equal-opportunity employer.

- ◆ **Reliably supply quality drinking water at a reasonable price to our membership, such that the Association is self-sustaining**
- ◆ **Promote water conservation**
- ◆ **Provide leadership for our Community concerning water and wastewater issues**
- ◆ **Protect our ground water resources through environmentally responsible business practices**
- ◆ **Pursue water & wastewater service opportunities in the East Mountain and Estancia Basin Regions**

**ENTRANOSA'S
MISSION
STATEMENT**



ENTRANOSA WATER NEWS

Committed to Providing Safe, Clean Water to All Our Members

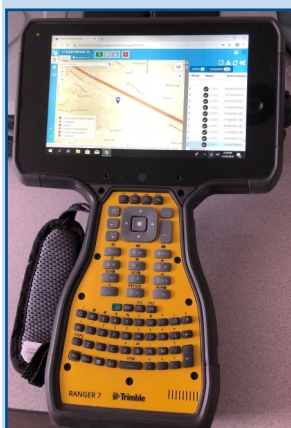


Entranosa Water's 11/26/19 Hardness Reading: 12 grains

Average Water Usage: November 4,229; October 8,346 gallons;

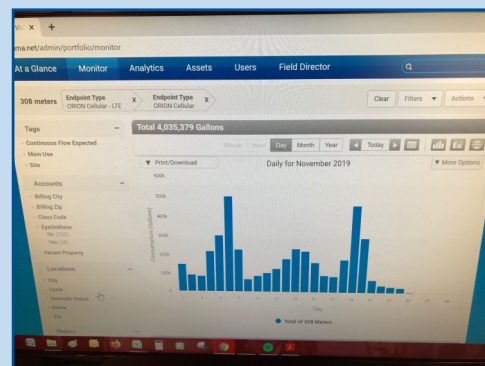


Useful and Underused—The Eye on Water App Can Save Money, Warn Homeowners of Leaks



Meter Reader

Entranosa has been promoting the Beacon cell meter that works with the Eye on Water app, so members can monitor water usage and be warned about leaks. Unfortunately, less than 10 percent of Entranosa's members who have the upgraded cell meters have not signed up for Eye on Water. The cell meter and the app are not terribly costly and can save homeowners significant money in case of a leak. To find out more about Eye on Water, please call Entranosa at 281-8700. Also, to improve efficiency at Entranosa, the association recently purchased new meter reading equipment that allows one operator to read over 3,400 meters in a single eight-hour day. The new equipment is more accurate, has less false reads and cuts the time and labor in half.



Eye on Water app

Say No to Galvanized Steel Piping

New home construction

in the East Mountains requires special considerations for contractors, especially plumbing subcontractors. The hard East Mountain water can corrode galvanized steel pipes and joints commonly used in plumbing. East Mountain homeowners are experiencing significant damage inside their homes when these parts fail — after just one or two years. The water hardness levels in the East Mountains, and not just in water provided by Entranosa, is two to three times greater compared to Albuquerque. So, East Mountain homeowners please tell your contractors NO GALVANIZED IRON!



Meet JoAnn Roybal, Administrative Assistant

My name is JoAnn Roybal. I am a native of Albuquerque, however, my family and I have recently moved to Tijeras from Farmington where we lived for eight years. On my time off from



Entranosa I run a small catering business, which keeps me busy. I am very excited about joining the Entranosa family and I look forward to meeting and serving all the Entranosa members.

Holiday Closings

In honor of the Christmas holiday, the Entranosa office will be closed Dec. 25—27, 2019 We will also be closed for New Year's Day on Wednesday, Jan. 1, 2020. The emergency number will be operational 24/7 while we are closed. Have a safe and happy holiday season!



Entranosa's Board of Directors

Chair : Lee Liggett **Vice Chair:** Paul Gorder **Secretary:** Rob Baracker **Treasurer:** Dennis Hodges **Members:** CJ "Skip" Mead, Linda Barbour, Rik Thompson

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