



ENTRANOSA WATER NEWS

Committed to Providing Safe, Clean Water to All Our Members



March

A MONTHLY PUBLICATION
FROM YOUR WATER AND WASTEWATER ASSOCIATION

2019

First Step Toward Tackling High Residential Pressure



At the February 21 Entranosa Board of Directors meeting, the seven-member Board approved changes to the Membership water service contract. One of the more significant changes effects **new construction only**: It is the requirement to

install a home pressure reducing valve PRV and isolation valve at the home-owner side of the meter. During new construction is the best and least expensive time to install these devices. The home PRV will add a second line of defense from high pressures if Entranosa's meter PRV fails. The isolation valve will allow home owners to turn off their water if they have a leak in their yard line. One of Entranosa's largest expenses is the thousands of dollars spent each year turning water on and off for members in addition to dealing with broken meter cans and wireless readers when members get into their meter cans.



A Pressure Reducing Valve (PRV) helps prevent damage to plumbing from the effects of high water pressure

Pipe for New Construction

The first shipment of 10-inch pipe has arrived for a project that will follow Joe Nester Road along Mountain Valley Road to the Turkey Track booster near the Entranosa Office. The project is over 4,000 feet in length and goes under Interstate 40 through a steel casing installed more than 10 years ago and under Highway 333 next to Entranosa's office

building. These improvements will improve flows and water pressures on the south side of the system and allow construction of a second bulk water station.



Hi Tech = Saving Members Money!

Inspections of Entranosa's 17 water storage tanks can cost up to \$3,000 each. In the past, Entranosa would hire a professional dive team and select three tanks per year



Watch a fascinating video of the Gladius Mini in action at the website: Chasing-Innovation.com or simply Google Gladius

to inspect. But technology has changed everything with the purchase of a Gladius Mini, a small, relatively inexpensive underwater drone that can video the inside of tanks showing which need cleaning or repair. The new underwater ROV will allow all 17 tanks to be inspected annually so the tanks that need a service can be the focus for divers. Part of the tank repair process involves taking the tank out of service, decontaminating the wet suits and equipment prior to divers entering the tank and lowering water levels. In addition, Entranosa CEO Jack Crider purchased a personal aerial drone so Entranosa staff can use it to inspect the outsides of tanks, eliminating most of the need for staff to climb on tanks.

**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**



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Entranosa Water's February Hardness Reading: 16 grains

Average Water Usage: Jan. 4,100 gallons; Feb. 4,900 gallons

More Innovation—Wireless Meter Reading

Wireless meter reading equipment has reduced the time to read meters from two days to four hours. However, opening each meter can periodically also has benefits.

It has been over 10 years since Entranosa has been able to inspect all 3,400 meter cans in the system. In February, Entranosa staff started an inspection process to find leaks and create work orders for repairs and maintenance. Since we started, we have found many member's meter cans fenced in. Currently, Entranosa staff cannot spend the time to contact the



Make sure Entranosa has clear access.



member for access but will be sending out letters for inspection. Members are required to provide access to meter cans, so anything members can do to relocate a fence would be appreciated. Meter can inspection should be completed in March. Entranosa's goal is to inspect each meter can every two years.

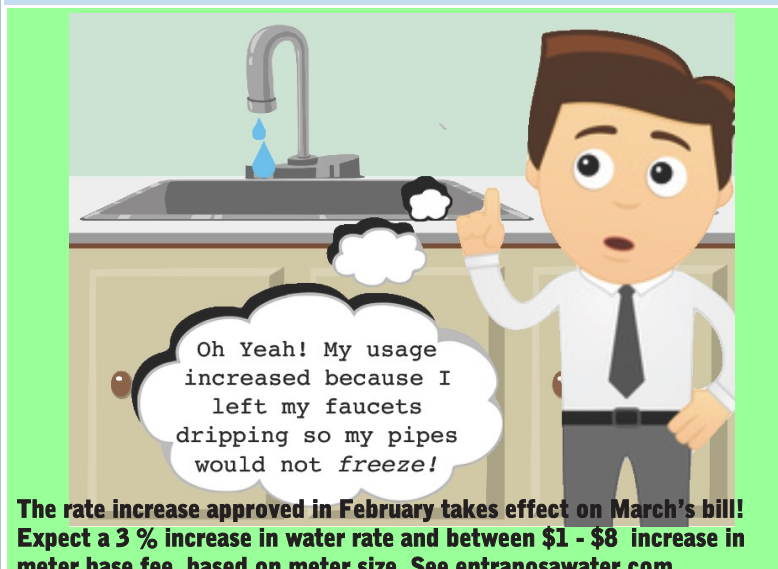
Rough Winter Continues

While spring may be on the horizon, this winter has been a tough one for our office water machine.

Below-freezing temperatures continues to wreak havoc on filters and water storage. Entranosa recently purchased a small metal building to place all working equipment inside to prevent future freeze-ups. The building will add an additional 300 gallons of storage. The building should be installed in March.



The portable building and the new water machine should be installed in March



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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