

# PINERY PIPELINE



*From your board of directors*

## Vacant Board Seat

The Board of Directors is looking for a resident interested in serving on Pinery District Board. Secretary Tackett recently moved out of District and resigned from the Board of Directors. Many thanks to former Secretary Tackett who served on the Board from 2010 to 2020. The term of the newly designated Board member would last until the next District Board of Directors election. If interested, please email Heather Beasley, the District Manager, at [hbeasley@pinerywater.com](mailto:hbeasley@pinerywater.com) of your interest with a copy of your most recent resume. The Board plans to discuss and potentially decide on a replacement at its November 18<sup>th</sup> Regular Board meeting.

## Where Our Water Comes From, and then...

We expect that when we turn that faucet on, water comes out. There is a tremendous amount of planning and logistics to assure that it does. We get our water from three sources:

- (7) shallow (30' to 70') wells in the Cherry Creek Alluvium
- (18) deep (600' to 1700') wells in the Denver Basin
- WISE (Water Infrastructure and Supply Efficiency) Project

Pinery Water and Wastewater District has the oldest augmentation plan in the Cherry Creek Basin. We make very efficient use of our reusable water and typically meet 70% of our demand with that supply. Our deep wells in the Denver Basin are reserved for drought supply and to meet seasonal peaks. We typically treat and deliver around 1 billion gallons of water each year. 2016 – 993 million gals, 2017 – 972 million gals, 2018 – 1.19 billion gals; 2019 – 1.04 billion gals. **In 2020, as of September 30, we have already treated and delivered 1.06 billion gallons.**

The Pinery is also a member of the South Metro WISE Authority (a 10-member partnership) that delivers on average 500 acre-feet of regional reusable water to the District. Currently the District website is being renovated but the two links below provide an excellent explanation of the WISE project.

- <https://www.denverwater.org/your-water/water-supply-and-planning/wise#:~:text=WISE%2C%20which%20stands%20for%20Water,supplies%20from%20Denver%20and%20Aurora>
- <https://www.watereducationcolorado.org/publications-and-radio/blog/a-wise-approach-to-water-reuse-qa-with-lisa-darling/>



Some of the key reasons I ran for this Board were of my concern for efficiency, conservation, and our future water supply. How all that fits together is why we can deliver affordable and efficient service to us all. We need to thank our past Board members for their foresight in future water planning. One of the best examples is the WISE project.

**Jim McGannon, Director  
Pinery Water and Wastewater District  
Board of Directors**

**Please join us at our District Office for our monthly held Board Meetings at 6:30pm on the 3<sup>rd</sup> Wednesday of each month.**

**Upcoming Board Meetings will still be held at 6:30pm on:**

**Wednesday, Nov. 18, 2020**

*(\*this meeting will be a digital meeting, please see meeting notice for information on joining the meeting by internet.)*

**Wednesday, Dec. 16, 2020**

## It's time to blow out those sprinklers!!

Do not let these warm fall days fool you. Our first frost is right around the corner. As you are doing your last lawn maintenance for the year and putting all your gardening tools away, it is time to think about winterizing your sprinkler system. When the frost level reaches the below depth of the irrigation system, winterizing your system can help prevent damage from freezing and ward off costly repairs in the spring. Below are some tips from Rain Bird Irrigation Manufacturing Company to help you winterize your system.

### 1. Insulate your assets:

- Shut off the water that supplies your irrigation system. You need to protect your main shut off valve for your irrigation system from the freezing temperatures. You can protect it from freezing by wrapping it with insulation (insulation can be found at any home supply store). If you do not have a main shut off valve for your irrigation system, you may want to consider installing one as a preventative measure. You also want to make sure any above ground pipes are insulated at well.

### 2. Stay in control:

- If you have an automatic irrigation system you will need to shut down the controller (timer). Most controllers have a rain mode which will shut off the signals to the valves and keep all your programmed information. If your controller also activates a pump for your system, make sure you disconnect those wires so that you don't cause overheating damage. An alternative to the rain mode is to shut off the power to the controller. If you do this, you will have to reprogram all settings in the spring.

### 3. Drain the pipes:

- Now you need to remove all the water from your pipes so that it won't freeze, expand, and break your pipes. There are a couple different ways that this can be done. However, since there could be a safety risk, we recommend you contact a local irrigation specialist.

### 4. Protect your valves and backflow preventers:

- If you have any valves or a backflow preventer that is above ground, make sure that you insulate them just like the pipes and main shut off. Be sure not to block the air vents and drain the outlets on the backflow preventer.



The above photo is an explanation how to blow out sprinklers.

<https://www.familyhandyman.com/article/how-to-winterize-a-sprinkler-system/>



Frozen backflow preventer picture from:

<https://www.colorado.gov/pacific/evergreenmetro/news/winterizing-your-sprinkler-system>

## Final Thought

It is important to remember it is much less costly and much less labor intensive to properly and efficiently prepare the system in the fall than to repair damaged fittings, piping, valves, sprinklers and other components in the spring.

(For more information please go to: <https://www.rainbird.com/homeowners/how-do-i-winterize-my-irrigation-system> and <https://www.hunterindustries.com/winterizing-your-irrigation-system>)

## Pinery Water and Wastewater District Contact Information:

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