

NOVEMBER 2022

PINERY PIPELINE



From your Board of Directors

DID YOU KNOW?

We are in a Stage 2 Drought! What does that mean for you? Our **Drought Response Plan** explains how we arrive at this rating. Please see our homepage for an explanation <https://pinerywater.com/resources-information/>.

With that in mind, we are very blessed with our water resources. The District's first open raw water STORAGE facility - Walker Reservoir, just north of Hwy 86 west of Franktown - is nearing completion. This water storage project is a partnership of the Cherry Creek Project Water Authority. This Authority is made up of the Castle Rock Water, Cottonwood Water and Sanitation District, Inverness Water and Sanitation District, and the Pinery Water and Sanitation District.

Walker Reservoir has been in the planning process since 2014. Construction of the reservoir was started in 2021 and is expected to be completed in 2023. The total construction contract for Walker Reservoir, is \$12,332,694. The total spent to date is \$4,813,606 with a remaining balance of \$7,519,088 to reservoir completion. **The Pinery's portion of the reservoir is 46.15% which is \$5,624,909.**

The project will provide 650-acre feet of storage. That will be enough water to serve 1300 homes for an entire year. The reservoir will be filled by three alluvial wells located near the reservoir and pumping from Cherry Creek, and one deep Arapahoe Aquifer well. This water will be stored for use during high demand periods. The water that is stored in the reservoir will be discharged into Cherry Creek by the project pump station to be picked up downstream by project members.

I toured the project with other staff members earlier this year. It was very interesting to watch a reservoir in the making. This was originally a gravel pit. It is adjacent to Cherry Creek, which makes it a perfect storage project for us in this District.



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

Please join us at our District Office for our monthly held Board Meetings at 6:00pm on the 3rd Thursday of each month.

Upcoming Board Meetings will be held at 6:00pm on
Thursday, Nov. 17, 2022
Thursday, Dec. 15, 2022

Our District Office will be closed to the public November 14th through 18th for construction. You can reach our staff by calling our main number, 303-841-2797.

Our office is also closed November 24th and 25th for the Holiday. If you have an emergency, please call 303-841-2797 ext. 9.



RAIN GARDENS WORKSHOP

Learn how to create your own rain garden oasis! Rain gardens are beautiful gardens, full of native plants, that are watered only with the rain. During this workshop with Jessica Thrasher, we'll cover design, sizing, and plant choice to conserve water and save money on your water bill! You can find the information below if you are interested in attending.

November 19, 10:30 a.m. - 12:30 p.m.

Sponsor: The Gardens on Spring Creek, City of Fort Collins

Location: Virtual

Cost: \$5

Register at: <https://46613.blackbaudhosting.com/46613/Rain-Gardens>



IT'S TIME TO BLOW OUT THOSE SPRINKLERS

Don't 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.



The above photo is an explaining 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>

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.

FINAL THOUGHT

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

Pinery Water and Wastewater District Contact Information:

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For after-hours emergencies,
(303) 841-2797 EXT 9