

# TODD CREEK VILLAGE

METROPOLITAN DISTRICT



*Proud to be your area water provider*

## Non-potable Water Delivery System Updates: What We Are Doing and What You Need to Know About It

During the summer and early fall we received numerous complaints from customers regarding irrigation water quality. **We have been listening and want to assure you that we understand the issue.** This year has been unusually challenging for all of us with regards to non-potable irrigation water because we were not able to tap into our usual water supply from the Smith Reservoir. The reservoir is supplied by the Signal Ditch via Clear Creek. Clear Creek must maintain a high enough water level to flow through to Signal Ditch. This year, because of more consecutive high temp days and low rainfall, water levels ran low due to increased agricultural draw, preventing the District from accessing our normal irrigation water supply for a majority of the year.

To keep irrigation water running for our customers, management was forced to find an alternative source of water. Most of the water delivered this year has come from the South Platte River which has shown to have a higher level of bio-growth. While customers who have a proper non-potable irrigation system installed have not reported any issues, customers who have potable irrigation systems installed or a mixture of the two have had clogging issues caused by the difference in the quality of the water coming from the South Platte River.

As previously stated (September article), Todd Creek Village delivers non-potable water for irrigation as a cost saving measure for our customers, and to be more environmentally responsible. As we stated in September, if you run this water through a potable or mixed system you will have problems. **All components in your irrigation system must be non-potable compatible. We recommend that all residents check their system, or have a professional check, to make sure the correct components are installed.** This is easily verified by the purple indicator present on all non-potable components (examples left) or visit this link for additional info:



[http://www.rainbird.com/sites/default/files/media/documents/2018-02/LEED\\_Products\\_NonPotable.pdf](http://www.rainbird.com/sites/default/files/media/documents/2018-02/LEED_Products_NonPotable.pdf)

***That said, we are making changes to our irrigation system to try and improve irrigation water quality going forward.*** We flush the entire irrigation system during the off season and will run a high concentrate of chlorine into the lines and allow it to sit to eliminate the bio-growth. In Spring, before watering starts, we will flush the lines again to remove the chlorine and sediment. Additionally, we will start chlorinating irrigation water year-round, which, combined with the irrigation filtration system, should improve irrigation water quality for our customers. Please feel free to email any questions regarding irrigation system compatibility issues to Dustin Malloy at [dustin@toddcreekvillage.org](mailto:dustin@toddcreekvillage.org).

For more information about your water quality and much more, be sure to check the FAQ section of our website.



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