

# TODD CREEK VILLAGE

METROPOLITAN DISTRICT



*Proud to be your area water provider*

## Is Your Irrigation System Non-potable Water Compatible, and Why Does It Matter?

Did you know that the *irrigation water* provided by Todd Creek Village Metro District is raw water pulled directly from the South Platte River and referred to as non-potable water? What exactly does that mean, and why is it important? *Non-potable water is water not approved by the appropriate authorities as being 'drinking water quality' and safe for consumption, but may still be used for many other purposes.* Non-potable water is much more cost effective for uses like irrigation, and it saves our customers money.

But non-potable water also means that it's not as filtered as drinking quality water, so it contains small specs of debris that clog sprinkler systems and/or block filters. River water run through the wrong style irrigation system can, and will at some point, cause blockages, making it appear that your sprinklers have extremely low pressure or aren't otherwise performing as they should.

We frequently receive calls from our customers with complaints about what seems to be low water pressure or malfunctioning sprinklers, as well as from irrigation contractors and homeowners requesting the specs to design an irrigation system. *We always recommend designing a system specifically for non-potable water which requires installing scrubber valves.* Most valves are designed to do a scrub at open and close, but a scrubber valve provides a continuous scrubbing action that reduces blockages, allowing the water to flow through the valve as it should. For additional information about scrubber valves check out these links to quality scrubber valves:

- Rainbird PESB-R Valve: [www.rainbird.com/products/PESB-R-series](http://www.rainbird.com/products/PESB-R-series)
- Irritrol 1005 Scrubber Valve: [www.youtube.com/watch?v=QOsTgcnUtM](http://www.youtube.com/watch?v=QOsTgcnUtM)
- Toro P220 GS Scrubber Valve: [www.toro.com/en/professional-contractor/irrigation-valves/p-220s-scrubber-series](http://www.toro.com/en/professional-contractor/irrigation-valves/p-220s-scrubber-series)

You can also visit or call any local supplier. One that we know carries the recommended style of scrubber valves and irrigation supplies is LL Johnson (4700 Holly St., Denver CO 80216, 303-320-1270).

Unfortunately, we have no control over the systems the contractors or homeowners actually install. We highly recommend that you verify that your system has scrubber valves installed. *If your system doesn't have scrubber valves, you will, at some point, experience problems with debris in your system which will most likely lead to clogs and blocked filters, and CAN EVEN LEAD TO COSTLY AND UNNECESSARY PROPERTY DAMAGE caused by pooling water or a burst line.*



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

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