



Mission: To provide the highest quality water at the most affordable price for current customers and to provide for the expansion of the District as growth occurs.

Happy Halloween!

Where does my water come from? Part II

Last month I explained how our District was organized, described our water wells and what a well field is, and how we get the water to your homes. This month, I want to get into some of the finer points of our water delivery.

If you recall, we have eight separate water wells within our District. When we pump the water out of the ground, we send it to our facility in the Box Elder Creek development. Located at this site is our Reverse Osmosis (RO) plant. We send a portion of our water through the RO to remove the dissolved solids in the water. This process creates a waste stream of water called Brine which has a high concentration of these dissolved minerals. For every 100 gallons that we pump into the RO we get about 66 gallons of purified water and 33 gallons of the Brine. We send the purified water to our water tanks where we blend it with chlorinated well water for delivery to your homes. The Brine is sent to our evaporation ponds which are also located in Box Elder Creek.

The original intent when the District looped the water systems in Greatrock North, Rocking Horse Farms and Box Elder Creek was to discharge the Brine directly into the creek (Box Elder) where it would flow downstream to the Platte River. During construction of the looping system, the Colorado Department of Public Health and Environment determined that we could not discharge to the creek and had to capture the brine in the evaporation ponds. Unfortunately, these ponds are not large enough to support running the RO plant continuously. Since we depend on evaporation to eliminate the Brine, we can only operate the RO for about six hours a day. This directly impacts the aesthetic nature of your water. If we were able to increase our RO run time we could

deliver water to you with a lower level of dissolved minerals.

Our engineer, management, and legal staffs have spent countless hours looking for economical solutions to make our Brine problem go away but have not been successful to date. As I see it, the solution comes down to new technology in the future or Colorado relaxing their environmental regulations.

In spite of this challenge, I want to assure you that the water in your tap is safe. We test it continuously. The problem you'll experience is hard water; spots on your glassware and cars and that irritating ring of mineral deposits in your toilet.

When will the District raise the price of water?

Let me begin by saying that cost controls are very important to the Board. My primary reason for running for the Board was so I could have a voice in how much I have to pay for water and my fellow Board members feels the same way. We invest A LOT OF TIME looking for cost controls and efficiencies. We've invested in replacing inefficient pumps and shifting operations to off-peak hours as an example and have seen significant savings. But just as you experience in your own lives, it never seems as if prices go down, they only go up.

We want to have a discussion with you about our rates, both the property tax rate and the monthly water bill rate. During our November Board meeting, we will be putting the finishing touches on next year's budget to include rate structure. If you want your voice heard, I encourage you to come to the meeting. Please believe me when I say that the Board of Directors would like to hear from you. No one wants to pay more for their water, including me, but we have to keep the District financially solvent in order to service our community.

Come to our meeting: Our next Board meeting will be on November 4th at the United Power Building. One thing to note is the door locks at 5:30pm. If you drop by after 5:30pm, to the right of the doors are some windows. We keep the blinds open and keep an eye out for those who are a little late in arrival. Hope to see you all at our next meeting!!

Water Quality: The Board continues to monitor water quality so if you feel your quality is not what it should be, let us know by calling **303-987-0835**.

Regards,

Jeff Polliard, Treasurer

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