



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.

*Greetings Neighbors,*

**Curb Stops:** Curb Stops are the valves located on the buried waterlines that run from the water main buried under the street to your homes and which allow the District to turn on and off the water to the service line. Over the past several months we have been attempting to locate and exercise these valves. The majority have been found. For those that we have been unable to locate we will be sending those homeowners a letter requesting their assistance in locating these valves. These buried valves have a riser pipe to the ground surface and should be covered by a metal plate. These will be located in the utility easement on your property adjacent to the street. Most likely, these metal cover plates have been buried under landscape improvements on your property. There is contact information in the letter, should you receive one, if you have additional questions concerning this issue.

**Energy costs:** Our Engineering staff has made great strides in reducing our energy costs by shifting operations to off-peak hours and replacing some of our older, inefficient pumps. As you can see below, the savings are significant. In the last two years, we have reduced our electricity use by 48% and costs by 62%. With our planned replacement of the pumps in Greatrock North this summer, we should see further reductions.

Given the current savings, we have already realized the return on investment for the Rocking Horse Farms and Box Elder Creek Ranch Pumps Station Projects.

<u><b>2012 Energy Costs</b></u>	<u><b>2013 Energy Costs</b></u>	<u><b>2014 Energy Costs</b></u>
\$74,040.05	\$43,316.56	\$28,204.49

**Monthly Expenses:** Since I didn't include a newsletter with January's billing statement, I've included both December's and January's expenses.

	<u><b>December</b></u>		<u><b>January</b></u>
General Fund	\$ 47,796.70	General Fund	\$47,003.24
Debt Service Fund	\$147,797.50	Debt Service Fund	\$ 150.00
Capital Project Fund	\$ -0-	Capital Project Fund	\$ -0-
<b>Total Claims:</b>	<b>\$189,984.03</b>	<b>Total Claims:</b>	<b>\$47,153.24</b>

**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**.

Below are the TDS (total dissolved solids) levels for Box Elder Creek Ranch (BECR), Rocking Horse Farms (RHF) and Greatrock North (GN). We normally see a reduction in TDS in the winter months without a demand for irrigation water. Additionally, our engineer has taken one of our wells with higher TDS levels offline and has made some efficiency adjustments to our RO plant that has resulted in these lower TDS levels. They should remain low until we enter this summer's irrigation season. It remains to be seen how

far they will rise but we'll be monitoring and will continue to pursue methods to deliver the highest quality of water to you.

This table depicts the total hardness of our water. As you can see, we have a corresponding drop in hardness along with the drop in TDS. We're now in the range of Moderately Hard water.

Total Dissolved Solids (TDS)			
Date	BECR Tanks	RHF Tank	GN Tank
01/14/15	350 mg/l	394 mg/l	417 mg/l
12/03/14	417 mg/l	552 mg/l	511 mg/l
10/01/14	538 mg/l	603 mg/l	594 mg/l
07/11/14	565 mg/l	597 mg/l	599 mg/l
03/05/14	586 mg/l	543 mg/l	566 mg/l
01/08/14	553 mg/l	559 mg/l	575 mg/l
10/28/13	677 mg/l	643 mg/l	594 mg/l

Total Hardness (as CaCO3)			
Date	BECR Tanks	RHF Tank	GN Tank
01/14/15	105.2 mg/l	123.0 mg/l	111.7 mg/l
12/03/14	115.3 mg/l	194.5 mg/l	169.8 mg/l
10/01/14	188.8 mg/l	231.7 mg/l	225.6 mg/l
07/11/14	221.5 mg/l	222.7 mg/l	220.4 mg/l
05/16/14	165.2 mg/l	209.6 mg/l	198.1 mg/l

For comparison, the hardness values are generally classified as:

Classification	Mg/l
Soft	0 – 60
Moderately hard	61 – 120
Hard	121 – 180
Very hard	GTE 181

**Come to our meeting:** Our next Board meeting will be on March 3rd 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!!

Regards,

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