

Main Lines @ MCBWSD



**MARCH
2015**

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AUTO PAYMENTS ?

Yes, we have a program to have your invoice simply and easily paid every month. We do the work for you, just remember to keep track. Go online to www.mcbwsd.com, fill out and submit the EFT (electronic funds transfer) form one time before the 20th of the month and done.

Watch your invoice for confirmation
AUTO PAYMENT - DO NOT PAY!



THE TOOLCAT

A new addition to the District's maintenance arsenal — The ToolCat. A versatile "bobcat on wheels" with a cargo space, the ToolCat comes with front forks, snow blower, snow blade and a general purpose bucket. A recent State inspection recommended the purchase of equipment that was capable of maintaining our lines that are in small areas and easements. You'll see this out and about doing just that in the summer maintenance season.

WATER CONSERVATION PLAN

In April 2014, the MCBWSD was awarded a grant from the Colorado Water Conservation Board to develop a Water Conservation Plan for the District. A long range plan to help manage and conserve our valuable resource is finally in the last stages. A draft Water Conservation Plan is being assessed and will be ready for public review soon. Watch our website and the CB News for a publication date of the new Plan.

Resolutions For Clean Water

It's a new year and another opportunity to make some changes at home.

- * Put all types of wipes in [the trash](#), not the toilet.
- * Find ways to [save water](#).
- * [Pick up after pets](#), and throw waste in the trash.
- * [Freeze the grease](#) instead of clogging pipes by dumping it down your drain.
- * Get info on [safe cleaning products](#) for healthy families and clean rivers.
- * Volunteer to [clean up](#) local waterways.
- * [Plant trees](#).
- * Put yard debris into your yard waste bin or [compost it](#).
- * Enjoy your local rivers and lakes and learn at a [class, event or walk](#).



NEW RATES

To keep pace with the ever increasing costs of chemicals, lab tests and State regulations, the 2015 user fees were increased 3%. Base water rates were increased from \$32.15 to \$33.15 for 11,000 gallons and sewer rates went from \$36.15 to \$37.25. The minimum rate is now \$70.40 per month, a \$2.10 increase.

Availability of Service rates for vacant lots remains the same at \$99.36 per quarter, with no increase.

Please let us know if you have any questions.



Main Lines



HOW DO WE USE WATER?

Do you know the role water plays in your life and all the ways you use water? There are five main water uses. Look for the first use in our December issue. Here is the second:

DRINKING & BATHING - Domestic Water

Turn on your faucet, your shower or your hose, and there it is - water, a most precious resource.

A hundred years ago, before people had running water in their homes, the average person used only about 5 gallons of water a day. Water was harder to come by then, hauling it by hand.

Today, since water flows directly into our homes and businesses, people use 40 to 70 gallons of treated water a day for drinking, cooking, washing and showering.

It is important to remember that water is still a scarce and precious resource.

Watch the June issue for the third water use.

NEW Irrigation Plan

The Board of Directors is currently working on a NEW irrigation plan for the District in conjunction with the Water Conservation Plan.

Stay tuned via the CB News and our website for the latest in irrigation rules and regulations.

Please do your part to conserve water this summer season after a low-snow year.



INFILTRATION SEASON IS HERE

Infiltration is the bane of Waste Water Treatment Facilities across the Globe. Infiltration occurs when the snow melts and the frozen ground thaws. This water has to go somewhere and too often it finds its way into the piping of the sanitary sewer system. The rate and duration of infiltration season often varies, but the challenges remain the same. Although snow melt is considered relatively "clean" with regards to bacterial contaminants and viruses, it must pass through the same treatment processes as "regular" wastes. The large increases in volume (2-3x normal flow) places a tremendous strain on Waste Water Treatment Plants. Treatment pumps and Blowers are overworked, limitations to capacity can be exceeded, and maintaining State compliance can be a challenge. At the MCBWSD waste water plant, infiltration can be as much as 400,000 - 500,000 gallons per day. As the snowmelt is very cold water, this considerably slows down the treatment process at a time when the flows are the greatest. The good news is that: infiltration season doesn't last forever.

9 WATER FACTS YOU PROBABLY DON'T KNOW.....

Here are some statistics that sum up the condition of the U.S. water system.

- ◆ The U.S. has 1.2 million miles of water supply mains - 26 miles of water mains for every mile of interstate highway.
- ◆ The U.S. water system has become so old that, on average, every mile of water pipe suffers a break every six years.
- ◆ U.S. water pipes leak one full day's water for every seven days. That is, U.S. water utilities lose one out of seven gallons of drinking water they supply before it arrives at a customer.
- ◆ The average water bill for a family of four in the U.S. is \$34 a month - \$1 a day. (Your water bill from MCBWSD is \$33.15/month)
- ◆ Water circumstances change quickly and dramatically. Lake Mead, at 110 miles long the largest reservoir in the U.S., supplies 30 million people with water. In 2000, Lake Mead was virtually full. Today, it is only 39% full, lower than it has been since it was filled in May 1937.
- ◆ In the U.S., 8% of municipal water is cleaned and re-used. Singapore recycles 30%, Israel recycles 70%.
- ◆ Bottled water sales in the U.S. hit an all time high in 2013, when Americans bought 10 billion gallons. That's 32 gallons of bottled water a year per person.
- ◆ Americans spent \$25 billion on bottled water at retail in 2013. The country spent \$29 billion maintaining the entire water infrastructure.
- ◆ The largest use of water in the U.S. is for generating electric power. Power plants take 49% of the water used each day, mostly for cooling. Irrigation for agriculture is the second largest user of water at 31%. Piped water from utilities, for homes and businesses, is 11% of water use.

Article adapted from ww.newswatch.nationalgeographic.com, Charles Fishman, author.

TO PROTECT YOUR RIVERS,
PROTECT YOUR MOUNTAINS.

Emperor Yu of China, 1600 B.C.