

Grizzly Flats CSD Newsletter March 2014



GOVERNOR'S DROUGHT DECLARATION

The Governor of California declared a Drought Emergency on January 17, 2014. How does that affect us here in Grizzly Flats?

The emergency proclamation called for several measures to be taken by all Californians and water districts including:

- **Asking all Californians to reduce water consumption by 20%.**
- Refer residents and water agencies to the "Save our Water" Campaign – www.saveourh20.org – for practical advice on how to reduce water consumption.

The emergency proclamation is available at <http://gov.ca.gov/news.php?id=18368>.

The 20% reduction is voluntary and is being requested of all Californians. You are being asked to do your part for the safety of our State's water supply.

If you already conserve water, thank you for doing your part! If not, now is a good time to start! One of the easiest ways to reduce your water use is to turn off your outside irrigation systems.

WATER TREATMENT PLANT REHABILITATION

Our oldest water treatment plant (Plant #1) has been out of service while we address corrosion issues. We hope to have the plant back online by the end of February.

This project has been on our to-do list for several years. It was thought that the tank needed to be relined or replaced due to the rust damage. After getting the metal thickness tested, it was discovered that the corrosion was not that deep, and was something our

staff could repair in-house. A project that was expected to cost close to \$100,000, is now only costing about \$3,000 in materials.

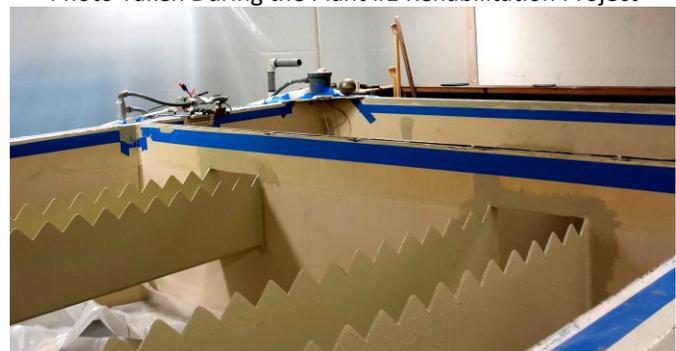
As a small water District, we ask a lot from our Operations staff. In larger water Districts, you will find a Water Treatment Operator who only treats water, and Water Distribution Operators who only work on the distribution system. Our Operators are asked to treat water, maintain the distribution system, and maintain our watershed and diversions, as well as do tasks such as re-roofing our buildings, grounds keeping, vehicle maintenance, and any other job that keeps this District running!

Thank you to our Operations staff for a job well done!

Photo Taken Before the Plant #1 Rehabilitation Project



Photo Taken During the Plant #1 Rehabilitation Project



What does it mean to conserve 20%?

If you use 150 gallons of water per day, you would need to reduce your usage by 30 gallons per day or 210 gallons per week (150 x 20%).

Check the bottom of your bill for your "Usage in Gallons" to see how much water your household uses.

Conservation Tips	Gallons of Savings	Weekly Savings	Notes
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Indoor

Install low-flow aerators on bathroom faucets	1.2	25	Savings is per person per day, with 3 persons in a household
Don't use the toilet as a waste basket	1.6	67	1.6 gals/flush, 2 times per day by 3 people in a household
Run the dishwasher only when full	2 - 4.5	13	Used average savings of 3.3 gals per load, 4 loads per week
Turn off water when brushing teeth or shaving	10	210	Savings per day, 7 days per week, by 3 people
Install lower-flow shower heads (1.5 gals/min)	10	210	3 people taking a 10 min shower if replacing a 2.5 gals/min head
Reduce shower time from 10 minutes to 5 minutes	12.5	263	With 2.5 gals/min shower head, used 7 days per week by 3 people
Fill the bath tub halfway or less with water	12.5	113	Average bath tub size of 25 gals, used 3 times/week by 3 people
Fix leaky faucets	15 - 20	123	Average 17.5 gals per day for 1 faucet, 7 days per week
Wash only full loads in the clothes washer	15 - 45	210	Used average savings of 30 gals per wash, 7 loads per week
Fix leaky toilets	30 - 50	280	Average 40 gals per day for 1 toilet, 7 days per week

Outdoor

Use a broom instead of a hose to clean driveways and walkways	5	75	Gallons per minute, for 15 minutes, one time per week
Use an automatic shut-off nozzle on your hose	5	75	Gallons per minute, for 15 minutes, one time per week
Add 2 to 3 inches of mulch around trees and plants	9	63	Savings per day for 1,000 sq/ft of irrigated landscape per week
Repair leaks and broken sprinkler heads	20	140	Savings per day per leak, having 1 leak, over 7 days
Install drip irrigation for trees, shrubs, and flowers	30	120	Savings each time you water 1,000 sq/ft of irrigated landscape, 4 cycles/wk
Water your landscape early in morning or late at night	50	200	Savings each time you water, with 4 watering cycles per week
Eliminate 1 irrigation cycle or reduce each by 2 minutes	80	560	Savings per week if watering 5 stations, 3 cycles instead of 4

SOURCE: Regional Water Efficiency Program - Tips and Water Savings. Go to BeWaterSmart.info to learn more. The outdoor tips are for a typical home in the Sacramento and Gold Country region, watering for 20 weeks per year.