



P.O. Box 675 \* 61750 Chollita Road \* Joshua Tree \* California 92252  
 Phone (760) 366-8438 \* Fax (760) 366-9528  
 Website: [www.jbwd.com](http://www.jbwd.com) \* Customer Service: [customerservice@jbwd.com](mailto:customerservice@jbwd.com)

**JBWD is under a 20% voluntary water conservation mandate. Reduce your water use and "Shed a Tier for JBWD!"**

THE  
**TIER DROP**  
**NEWSLETTER**  
 MARCH 2017

**January 2017 SAVINGS: 33.82%**  
 Cumulative conservation as of June 2016:  
**18.83%**

**Visit Our Water Wise Demonstration Garden**

**FREE TO THE PUBLIC!**

# WATER EDUCATION DAY

**SUNDAY, MARCH 26TH, 2017 1PM-4PM**

2017

**MINERVA HOYT**  
**NATIVE PLANT**  
 Seedling SALE

*Minerva Hoyt, Joshua Tree National Park Champion*



*Protecting our most valuable resource: Water!*

- ✦ Cat's Tongue
- ✦ Brickellia
- ✦ Desert Willow
- ✦ Encelia
- ✦ Creosote
- ✦ Sage
- ✦ Bladderpod
- ✦ Desert senna
- ✦ Jojoba
- ✦ Desert Mallow
- ✦ Mojave aster
- ✦ Mojave Yucca

**\$9 each or 3/\$25**

Grown by the JTNP Nursery!  
 \*Proceeds benefit the JTNP/  
 JBWD Native Plant Program



- ☞ Learn water conservation from LIVE Tortoises!
- ☞ FREE Water Wise Plant and Seed SWAP Booth
- ☞ Garden Art! Learn how to sketch native plants
- ☞ Water Wise Demonstration Garden Tours
- ☞ Hydration and good health nexus information
- ☞ Native Plant & Seed Propagation information
- ☞ Septic Tank System Care Information
- ☞ JUST FOR KIDS! FUN Hydrocaching game!
- ☞ Ancestral uses of Native Plants
- ☞ Free Groundwater Hazardous Waste Collection Containers
- ☞ Gray water Exhibit
- ☞ Pest control using "Nature's Own" exhibit using microscopes
- ☞ "Quick Start" native plant seed growing techniques
- ☞ DIY Evaporative Cooler Maintenance & Irrigation repairs
- ☞ Emergency Water Information Exhibit
- ☞ Water for Fire Suppression Exhibit

There's more! Learn water wise gardening by using Ollas and Sponge Wells when planting, as well as how to create a Contour Swale, Wicking Bed and making Bottle Bricks out of water bottles, how to wash a car using ONLY 2 qts. of water, Understanding our Aquifer, "Hydration for Good Health" — **plus even more!** Three hours—just one afternoon— of incredible education for all ages, so...

**COME JOIN US! 61750 Chollita Road., Joshua Tree, CA**  
 (At the Joshua Basin Water District Office in Joshua Tree)

**Sponsored by:** Joshua Basin Water District, Joshua Tree National Park (JTNP), San Bernardino County Special Districts, Hi-Desert Water District, Mojave Water Agency, JTNP Association, Hi-Desert Family Health Care Clinics, Morongo Basin CERT, Transition Joshua Tree Permaculture & Water Group, Solstice Eco Building Supply, Mojave Desert Land Trust, Cactus Mart, Actress Loretta Simonet, SBCo. ERT, JT Chamber of Commerce, CMC Fire Technology Club, Yucca Valley Home Depot, USDA, UCR, JT Tortoise Rescue and more... **CALL 760.821.5716 for more information.**

**OUR MISSION IS TO PROVIDE:**

a high standard of water quality and customer service at responsible cost; to protect the water resources of Joshua Basin Water District; to promote cooperation and respect with customers, employees, neighboring communities and public – private agencies.

**JBWD Tours:**

**"From Ground Water to Tap Water"**

**Three tour dates:**

**March 30th**

**April 6th & 25th**

**8AM-12:15PM**

**FREE!** Seating is limited. This is the opportunity to learn more than you ever imagined as to what goes into getting a simple glassful of water to your home!

To reserve your seat call or contact:

760.821.5716  
[kjradnich@jbwd.com](mailto:kjradnich@jbwd.com)



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"Our Water, Our Community, Our Responsibility"

## A Community Owned Water District

**UNDERSTANDING CHROMIUM-6:** *FIFTH* in a series of discussions to help Joshua Basin Customers understand and protect their most precious natural resource: **WATER!**

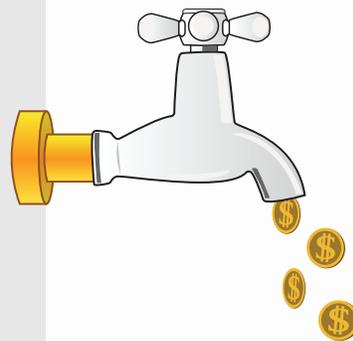
THE  
TIER DROP  
NEWSLETTER

### CHROMIUM 6 TREATMENT: ANION EXCHANGE / STANNOUS CHLORIDE:

- Miguel Arias Paic, Environmental Engineer for the studies on Chromium 6 from the Bureau of Reclamation, declared about JBWD's water, "I drink this water, there's no doubt about it...it constitutes a great water..." *See him on You Tube @jbwd.org*
- It has been determined that it would be unfeasible to have only one point of water treatment for Chromium 6 for JBWD because Chromium 6 is found in all our (remote) wells.
- The Stannous Chloride process, if able to be used, would only result in 15 gallons of waste water for an Olympic size swimming pool of water treatment.
- The cost to treat Chromium 6 will vary per well, based on each well's water producing volume, depth of the well, and Chromium 6 concentration found in each well's water. *More to follow...*

### CHROMIUM 6 GRANT UPDATE

- The Bureau of Reclamation is currently providing services (at their cost) for our initial study on Chromium-6.
- Mojave Water Agency awarded us \$26,000 for our Chromium 6 study.
- The State Water Regional Control Board, awarded us \$500,000.00, to be applied to "planning" for our solution for Chromium 6.



**IN AN EFFORT TO OFF-SET THE MAJOR EXPENSES** that JBWD is facing to comply with the **new State standards for Chromium 6**, the Board of Directors and Management are actively pursuing financial grants. One requirement for these grant awards is that the District *must* complete an independent comprehensive "Rate Study." After careful consideration, the Board unanimously decided to hire Bartle Wells Associates, who have demonstrated a high level of efficiency, integrity, and professionalism with past projects.

Bartle Wells Associates was established in 1964 and is a leading utility rate and public finance consulting firm in California. They have served over 500 public agencies throughout the Western United States, predominantly in California, and have developed over 2,000 financial plans and rate studies for water, wastewater, and recycled water enterprises. Their clients have ranged from small cities and districts to large cities, special districts, joint power authorities, and counties. Their findings are trusted throughout the industry.

During a previous rate study with JBWD, they were objective and thorough with their data research and investigation on JBWD's Current budget, Historical Financial Information, Fund Balances, Current Water Rates and Charges, Updated Water Use and billing data from past 3 years, Capital Improvement Plans and Long-term Infrastructure Replacement funding needs, Meter Replacement Program costs and timing, Long-term Infrastructure Replacement needs, Projected Growth and New Development, Financial, Management, and Rate Policies and guidelines, and other relevant information.

The rate study is anticipated to take six to nine months to complete, and is underway.

The Citizen's Advisory Committee (CAC) will be reviewing the estimated projected costs JBWD will be facing on Chromium 6, along with other high priority expenses, such as pipe replacement, water purchases, and more, on March 14th at 6PM at the District Office. The general public is encouraged to participate. Call 760.821.5716 for more information.