



JULY / 2022

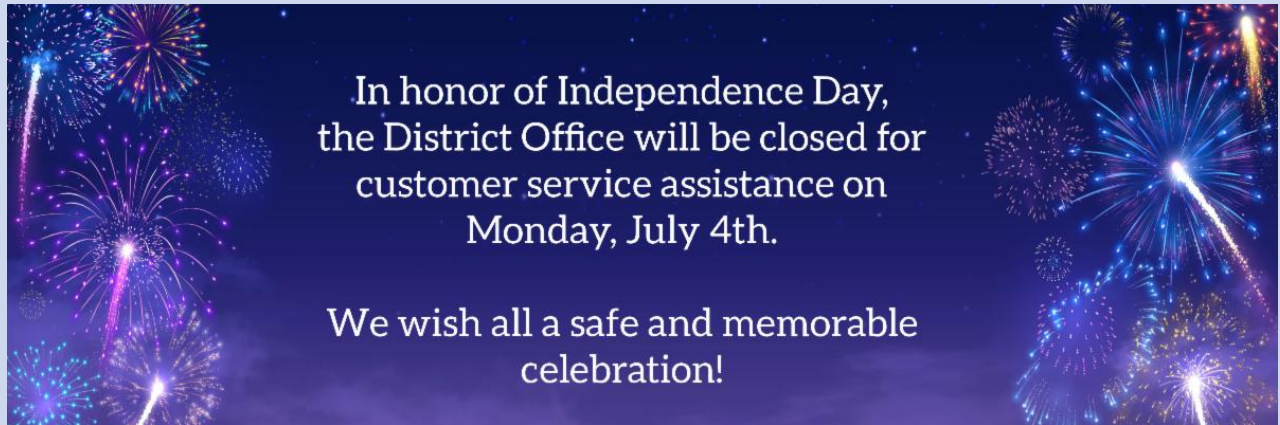
**APRIL 2022 Residential Gallons Per Capita
Water Use: 82.29.**

Note: Water savings data reflects water use three months in the past. Also, "gallons per capita" is the standard of "measure" for tracking water conservation efforts. The State will determine how much water per person per day will be targeted soon.

Keep saving, Joshua Tree!



**OUR MISSION STATEMENT:
To provide, protect, and maintain
Joshua Tree's water - our vital
community resource.**



In honor of Independence Day,
the District Office will be closed for
customer service assistance on
Monday, July 4th.

We wish all a safe and memorable
celebration!

REMEMBER: In the event of a water system emergency, please contact the District immediately at 760.366.8428--our crews are on standby 24/7, 365 days of the year working hard to save our water!

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SO...WHAT ABOUT THOSE FIREWORKS?

The desert is drier than dry, with water precariously lean during this extended drought. So, consider this:

According to the National Fire Protection Agency (NFPA)...

The Fourth of July was the peak day for fire incidents, followed by July 5. Over the five year study period (2011-2015), local fire departments responded to an average of 4,430 brush, grass, and forest fires on July 4, more than five times the daily average of 840.

Upcoming Events and Meetings:

Regular Board of Directors

meeting: Wednesday, July 6:
CANCELLED

Citizens Advisory Council

meeting: Tuesday, July 12,
6:30PM-Virtual

Regular Board of Directors

meeting: Wednesday, July 20,
5:30PM-Virtual

For Agendas, Virtual ZOOM links, and other calendar items visit:
www.jbwd.com

THE NEW WATER QUALITY REPORT IS HERE!

Check out our great tasting water at:
[Consumer Confidence Report \(Reporting Year 2021\)](#)

An average of 2,550 fires average on July 5 was three times the daily average. Almost two-thirds of the brush, grass and forest fires started by fireworks occurred in July. Many of these involved playing with fireworks.

So, help keep the fire spectacular *professionally* up in the air--it prevents having to experience one on the ground (like below) resulting in insurmountable water waste for fire suppression.

Be fire smart and save our water!

Remember:

ALL personal and private fireworks are illegal in our desert.



JULY WATER CONSERVATION TIPS

Water Saving Tips During Hot Weather Water Play



Lower pool water levels to reduce water loss caused by splashing



Cover your kiddie and larger pools to keep the water cleaner longer, and to minimize evaporation to avoid refilling water levels

Mark your water levels with a grease pencil or permanent marker and monitor for leaks daily & fix!



Enjoy water play at public parks where they treat & recycle the water for splash parks (like JT Community Center)



Treat your pool's water to keep it clean, instead of always dumping and refilling it

Play in sprinklers where trees and plants will benefit from the water runoff



Don't just run the hose! You can waste up to 10 gallons of water per MINUTE! Instead, water your plants!



DISTRICT TOURS ARE BACK~VIRTUALLY!



With many new residents joining our community of late, the demand for our in-person District Tours has been growing. However, with public health and safety as our top priority, we took a more creative approach and designed a video that gives a brief overview of things you need to know about your tap water and your community-owned Water District.

Paid for by a grant from the Mojave Water Agency, this whirlwind video (less than 10 minutes) offers insights on how Joshua Basin Water District came to be and how we work

together to help save our water.

Even if you have taken our "in person" tour in the past, you might find the video a pleasant reminder of the great value our tap water provides. Should you have any questions on this virtual journey, please feel free to email: **Virtual Tour** with them.

So, sit down and buckle-up to view a rapid 9+ minute tour now! Just click on the link below:

<https://vimeo.com/672105673/67b6f51e21>



**IN CASE
YOU MISSED IT**
We're In A Drought--
**These water mandates are
now in affect:**

June 10, 2022 Cal Water: Stage 2, of Governor Gavin's March 28, 2022 executive order was put into effect for all Water and Irrigation Districts in the State of California. This means:

- Irrigation is limited with potable water to no more than two days per week; watering is prohibited between the hours of 10AM- 6PM.
- Vehicles may only be washed with a hose that has a shutoff nozzle or similar device.
- Water may not be used on driveways or sidewalks, unless for health and safety purposes.
- No watering of outdoor landscapes may occur during and within 48 hours after measurable rainfall.
- Restaurants may only serve water upon request, and hotels and motels must provide guests with the option of not having towels and linens laundered daily.



**CURIOUS MINDS WANT
TO KNOW:**

Often, at our Farmers' Market booth or on social media, we get good questions that others may be asking. Here's more of a sample:

Q: Why is the new Water Quality Report (CCR) an entire year behind, and why aren't items like arsenic or uranium levels posted in it?

A: By law, water systems are tested throughout the week, with all test results collected and sent to the State's Department of Water Resources over a twelve month period. The 12 months of tests are compiled and reviewed for public safety.

JBWD must then publish and avail the results to the public by July 1 of the following year.

Also, contaminants not found in a District's water source need not be reported on.

**OUR JULY
FARMERS'
MARKET
BOOTH:**

***"Hydration
for Good
Health"***



Visit our Farmers' Market booth every Saturday in July to learn more about why proper hydration can make a big difference between just surviving, or thriving!

Our booth hours are Saturday mornings from 8AM-1PM, and we're located on the extreme west end of the market.

YOUR LEADERSHIP IN ACTION

Recent Board Action Items of Note:

At the June 15, 2022 Board meeting, a 4- vote was cast to defer replacing the vacated Board seat, recently held by Director Rebecca Unger, until the upcoming November 2022 general election.

Background:

By law, our Community Owned Water District had four choices with designated time frames mandated for each. The Board of Directors had to make a choice from one of the following:

- Appoint a new Director (involves costly advertising for the opened seat for a set amount of weeks, interviewing, and then selection there of in a public meeting)
- Hold our own immediate special community election for the position (at a cost of \$80,000+)
- Do *nothing* in the 60 day period following the seat opening, which then allows the San Bernardino County to appoint a replacement (within a 60 day period following JBWD's 60 day period thereafter)
- Resolve (take action) to defer/combine with a

FAREWELL TO DIRECTOR UNGER

Rebecca Unger served as a Board Member from December 2014 through May 2022. Her



leadership as a Director, Vice President and President of the Board engaged her many talents in countless decisions and activities benefitting our JBWD community as a whole.

On behalf of all who have had the privilege of working with Director Unger through her many years of dedicated service, and all who experienced her passion for our community's water, we wish her new future and community to be one filled with bright moments and rewarding memories!

Photo Above: Director Unger engaged with public explaining water conservation using JBWD's Wise Demonstration Station

Note: If you are interested in becoming a candidate for JBWD's vacated Director

regular election cycle (November 2022) via a public election process, to replace the open Board seat, at a significantly reduced cost to JBWD.

seat representing the [Division #1 area](#), or other Division seats up for reelection visit:

[How to run for an elected office](#)

Capital Improvement and Replacement Program: "C.I.R.P." UPDATE *You're water dollar\$ at work!*



WELL 14 IS BACK ON LINE!

The Joshua Basin Water District, a community owned Water District, announces the activation of their largest water producing well that has been off-line for major refurbishing since 2017.

Well 14 is the workhorse for supplying most of the community's water, with the ability to pump approximately 1,790 gallons per minute, compared to their next highest producing well that pumps 1,250 gallons per minute.

The process began in 2017, but due to complications, Well 14 stayed off-line as its water quality had been jeopardized in the refurbishment process. This prolonged its safety testing recertification with the State until June of this year. The delay placed stress on JBWD's other producing smaller wells, especially during the high water use season when the desert experiences extreme heat.

Well 14's major overhaul resulted in a cost of an approximate \$1.5 million to complete, and was initiated to provide sustainability for the years ahead. The newly designed pumping system is called 4-log, which is designed to remove/inactivate 99.99% microorganisms. Additionally, the new system incorporates an on-site chlorine production plant which will result in reducing the dangers of hauling chlorine, an important sanitizing ingredient, over our local public roadways. This new capability will also reflect more water dollars being saved.

Field Crews to the Rescue!

Center Ave., Joshua Tree--3 AM, Saturday, June 18th, 2022:

SCADA (Supervisory Control and Data Acquisition) never sleeps. So, when it alerted our crews of a water emergency involving our water reservoirs (tanks), our team was on it before most residents in the area were even awake. While the tanks continued to drain, calls started coming in reporting low pressure or no tap water at all, while our crews worked to isolate the 20-inch pipe break.

With the last rate increase, JBWD invested in major equipment that can reduce the lengthy repairs by half, allowing our crews to work efficiently with the right tools. This proved to be true as water service was able to be restored to those impacted by 6 PM the same day, and for some, even sooner.

It is estimated that this massive pipe break resulted in the loss of 5-6 million gallons of water. Luckily, 65% or more will return back to our aquifer for future use.

Remember, summer places a high demand on our old aging pipes, and the season hasn't even peaked yet. Our pipe replacement program has a long way to go before we replace all



Soaked boots, pants and shirts, but mission accomplished, just the same...

Various C.I.R.P. equipment was ready and waiting to remove bucket-loads of water and mud, enabling access to the broken

300+ miles of pipe. So, if you haven't prepared your own emergency water supply yet, let this be your motivation to do so now!

pipe located deep down and underneath.

DESERT-SMART GARDENING TIPS FOR JULY

July Watering Schedule: Before 9:00 AM --after 6:00 PM

To avoid water waste from water irrigation run-off, supervise water placement by observing the duration of time it takes to soak into the ground for 3-4 minutes--wait an hour, then repeat. If water pools or runs off, adjust the volume of water being delivered. Also, you may need to address potential caliche build-up in your soil which may be preventing water from soaking in down to the deep roots.

This month in your Desert-Smart Landscape:

Smart water-wise practices pay off now: Climate-adapted plants + Mulch + Deep watering = Less water use

- Check irrigation emitters, valves, and lines for clogs, leaks, and breaks
- Flush out lines by removing end caps with your water system on; sand or deposits in lines can clog emitters
- Leave a dripping hose at the drip-line of trees and shrubs to deeply soak soil once a month; set a timer to remind you to move hose to next plant
- Add to mulches as they decompose to conserve water, keep roots cool, and reduce frequency of watering
- Encourage repeat blooming by pinching or cutting back annuals, perennials, and shrubs

July 2022 Plant of the Month

Pencil Cholla, Diamond Cholla

Cylindropuntia ramosissima

Plant Form: Cactus, succulent

Water Use: Extremely low, very low

Mature Size: 5-6 ft. tall and wide

Exposure: Full sun

Bloom Time: Spring (March - May)

Native to: California, Baja California, northwestern Mexico

Hardiness: Cold Hardy to 10°F

Pencil Cholla can be either erect and treelike, or trailing on the ground with rising branch tips. It also expresses its individuality in the number of spines it produces, with some plants having no spines, others sporting sparse spines, while still others are completely covered in long, thin spines. No matter their appearance, all Pencil Chollas have these things in common: they need very little or no added water or maintenance, they resist deer and rabbits, and the surface of their branches appears divided into flat, squarish or diamond-shaped tubercles – hence its other common name, Diamond Cholla. Its pink, orange, or brownish flowers attract butterflies and other beneficial pollinators. This relatively tidy cactus drops far fewer joints or dried fruit segments than other chollas, but it is still best when planted away from foot traffic. Use this cactus to add sculptural interest to rock gardens, bird and butterfly gardens, succulent gardens, and any southwest design landscape.



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Alliance for Water
Awareness and Conservation

For more information on low-water-use gardening,
contact your local water provider or go to

www.hdawac.org

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