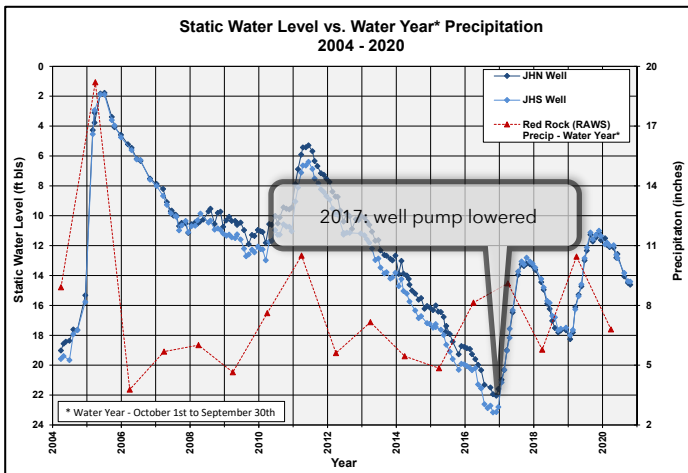


# COTTONWOOD SPRINGS WATER STEWARDS

## WELL LEVELS VS. PRECIPITATION

By now you know that the Las Vegas Valley Water District has put a moratorium on new water commitments in Blue Diamond. But, perhaps you're not totally sure about why. Among other factors, our ongoing drought continues to threaten the well levels. Below is a chart of the water levels from 2004 to 2020 (dotted lines), and how it correlates to precipitation (triangle lines).



**Q: Are well levels closely related to precipitation levels?**

A: Yes. Precipitation can restore water levels quickly. More precipitation is the best cure for low well levels. In drought conditions (like now), it's imperative to conserve water and keep well levels from going critically low.

**Q: How low is our well, relative to years past?**

A: Our well level now is higher than it's been the last few years, but we are still well below our highest or healthy levels of 2005 and 2006.

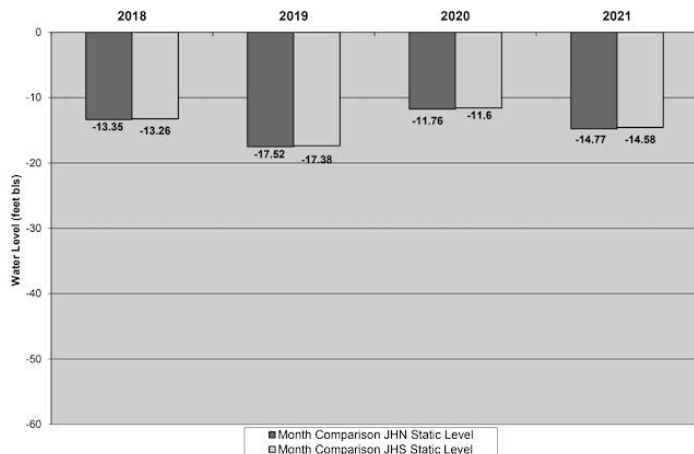
**Q: Can the well be lowered or can new wells be drilled to meet demand?**

A: No. In 2017, when our well was at its lowest level, our pump was lowered to its minimum position. LVVWD has also done other studies around drilling deeper, or drilling new wells, all of which proved not feasible. Additional funding would be necessary to explore this further.

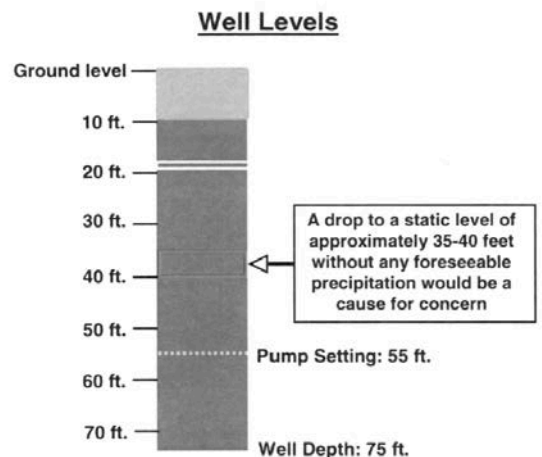
## ANOTHER LOOK AT OUR WELL LEVELS

These charts illustrate our well levels from the ground down over the last 3 years. They show no drastic change in depth, though levels recovered a bit in 2018 from heavier than average rainfall in 2017, signifying that conservation is still necessary.

### JHN + JHS WELL LEVELS



### BLUE DIAMOND WELL LEVELS



## WATER SIPPER SPOTLIGHT

Several residents fixed or found critical leaks around the village in the last several months. We want to thank the following Water Sippers for being a steward of the environment:

**Heather, Michelle, Charlie, David, Pauline, Brett, Loly, Mark and Anne.**

Because of you all, leaks were fixed inside homes, at the school, and in the Union Pacific water line.



## REMINDER

Starting in March we are on a new **Spring Watering Schedule!!**

**From March 1 - April 30, SNWA mandates that you water no more than 3 times per week and never on Sundays.**

If you do not have grass, the Water Stewards recommend you water **only 2X per week**. Use discretion but, let's conserve together!



# COTTONWOOD SPRINGS WATER STEWARDS



## GETTING READY FOR SPRING

Now's the time to prepare your lawns and gardens for the spring season and we are here to help!

**Allegro Land + Life** – a neighborhood garden company – is offering free water clock checks and consultation on growing edible gardens. To find out more, email Charlie P. Shelton at [charliep@mainstdev.com](mailto:charliep@mainstdev.com)

## PROGRESS REPORT: AN UPDATE ON OUR CONSERVATION EFFORTS



### TAMARISK REMOVAL

In addition to communicating to residents about water conserving behavior, the Stewards have been hard at work **restoring the Lower Cottonwood Spring** and its surrounding landscape to proper functioning condition.

We are thrilled to report that after receiving a grant from BLM and NV Energy, **we are removing water-sucking and invasive tamarisk** from the spring. Work to safely remove the non-native, invasive plant – which is known to consume approximately 200 gallons of water per day, per plant – will begin **this month**. A revegetation plan is being discussed and also in the works. This action, which has been proven out in the upper Cottonwood Spring, will improve our water conditions and encourage a more bio-diverse and regenerative environment.

If you have questions about this project, or want to get involved, contact Pauline Van Betten: 702-232-3965



### FIGHTING TO GET TRUCKS OFF 159

In 2007, Save Red Rock successfully partnered with Dina Titus to pass Senate Bill 128, which limits vehicles on Scenic Byway 159 to trucks less than 26,000 pounds except trucks with a destination point somewhere along 159. Further, in 2009 NDOT set travel restrictions on trucks longer than 70 feet. Unfortunately, the enforcement of these laws has dwindled to the point where large trucks are routinely unlawfully utilizing Scenic Byway 159.

The heavy truck activity puts Red Rock visitors at risk, particularly the many bikers who enjoy this incredibly scenic bike route. We at Save Red Rock are working with law enforcement and the BLM to increase education and have the laws enforced. Although we cannot limit all large trucks on the scenic byway, Save Red Rock is doing our part to ensure the scenic byway that transverses Red Rock Canyon is safer and more peaceful.

If you would like to support our lobbying efforts, please email a letter of support to [pauline@saveredrock.com](mailto:pauline@saveredrock.com).

### LEGACY TRAIL UPDATE

The Red Rock Legacy Trail is a project of constructing 25 miles of trails that will encourage alternative transportation and offer a new, safe and sustainable recreation experience for visitors to Red Rock Canyon.

SRR is proud to announce that this project has been given top capital funding priority by the BLM. **If approved, the Legacy Trail will receive \$34 million in funding. The proposal is now in the public comment period.**

Your comments can be emailed to [snplma@blm.gov](mailto:snplma@blm.gov).

