



# Alleghany County Water District

P.O. Box 860, Alleghany CA 95910

Phone: 530-287-3204

Website: alleghanywater.org

Email: alleghanywater@gmail.com

## Customer update December 5, 2022

### Status of water tank repair

For background information please refer to previous updates now posted online at <https://www.alleghanywater.org/customer-updates> This page can also be found by going to the Customer Service Page linked on the homepage.

As reported in July, the on-site tank inspection by CSI and California Rural Water Association (CRWA) was conducted on June 3<sup>rd</sup>.

There are two major problems with the tank: 1. Corrosion of the interior metal shell and bolts and 2. Uncured interior sealant material.

The subcontractor who built the tank: Thompson Tank took a set of sealant samples last January. ACWD obtained a duplicate set of samples which was given to CSI during the June inspection.

ALL summer ACWD followed up with CRWA on the status of the pending inspection report. CRWA was waiting for the report from CSI which evidently was delayed because of difficulty in analyzing the problem with the sealant. Finally, CRWA requested a report from CSI without the sealant analysis.

The DRAFT inspection and recommendation report from CRWA was received on November 25<sup>th</sup> and is open for comments until this Wednesday Dec. 7<sup>th</sup>. The technical assistance group (those commenting on the report) includes our State Division of Drinking Water Engineer Nick McGann, a couple of California Regional Water Control Board representatives, CRWA representatives and ACWD staff. We also gave a copy of the draft report to our new Ram Spring project engineer, Chad Coleman, to see if he has anything to add.

To paraphrase the DRAFT report, it concludes that the metal corrosion is the result of **Galvanic Corrosion** caused by dissimilar metals in contact with each other and the water. Additionally, the tank was in contact with an electrical current from the transducer inside the tank.

The report indicates that further investigation is needed to determine the issue with the sealant. If the sealant is found to be compromised, this indicates tank replacement as the best option for resolving the issue. The report does not eliminate repair as a potential solution. In a nutshell: Further investigation required!

Speaking on behalf of ACWD's staff, we think that tank replacement is the only viable solution, but we need the Contractor & the State Reps to draw the same conclusion. Currently, we are consulting with engineers for recommendations on the best way to get the back-up tanks ready for "stand alone" operation when the big tank is taken offline again. Currently all three tanks are in service, but the big tank will need to be drained at some point. We aren't sure when that will be.

The final inspection/recommendation report will be made available as soon as it is received.

OVER

**ACWD is now signed up for Low-Income Water bill Assistance.**

**If you do not have a phone and need help signing up, ACWD has volunteers who will help. Mail us a note, or go by the mine office 527 Miners Street weekdays 11 to 4 and tell Edda that you need help. She will put you in touch with a volunteer.**



**LOW-INCOME HOUSEHOLD WATER ASSISTANCE PROGRAM - LIHWAP**

To apply, please call the Hotline at 1-888-524-5705  
If your water is already shut off, call 1-1916-782-3443



**“Alleghany Morning” By Edda Anne Snyder Dec. 2 2022.**

**Wishing One and All a Safe, Happy and Healthy Holiday Season!**