

CVPCSD Monthly Report

December 2022

Daily average flow = 177 gpm
Daily Average Raw NTU = 0.015

Water Plant –

- Continue to battle cl2 feed pumps. Proposing switching to diaphragm pumps (awaki, prominent)
- Floc mixer #2 installed new brushes
- Ordered CL17 waiting on install plan
- Battled water quality and storms on the second half of December. Continue to make small improvements when able.
- Purchased hoses to move treated water to the top of the plant for cleaning
- Purchased new sump pump and hoses to decant water (rain, FTW) to reclaim tank. Existing pump not working.
- Pursuing option to extend driveway platform to the N/E of upper building for safer chem offloading. 2nd option, new/modify existing jib crane.
- Finished removing debris pile
- Downed tree over road. Cut and moved
- Road is pretty rutted due this latest storm event
- Repairs to CL2 feed line. Ran new poly line for post cl2

Distribution –

- USA's for power poles and other issues
- Water sampling as usual.
- One call for water shutoff

Improvements

- Cl17 (repair) (ongoing, see proposal)
- Add filter turbidimeters to SCADA
- Add a raw turbidimeter and raw pH probe, add to Scada
- Improve functionality with SCADA, tags, chemical feeds.
- Trees hanging over the SED basin (PCWA)
- Utility water project
- Water quality sample stations (3)
- PCW/NID intertie (redundancy)

Summary

Another busy month, especially at the end of the month. Being the holidays, I am still working on getting pricing for some of the CIP/Wishlist items. After seeing the risk assessment from the state, I think we should have a formal conversation (if one has not already been explored) about possible interties with PCWA (somewhere near our transmission line shadow rock) and/or NID (near saddle back area). With only one water source for the district, I believe it is imperative to explore funding options for at least one intertie. I believe that PCWA option (if possible) would be advantageous because water can be pumped to our storage tanks to feed the entire system. NID would help the higher-pressure zone near saddleback, but I don't think would help the upper zone near the plant.