

# CVPCSD Monthly Report

## October 2023

Daily average flow = 304 gpm  
Daily Average NTU = 0.019

### Water Plant –

- Worked on Line leaving backwash waste line that was leaking (1")
- 10-22 Water quality change to Raw NTU. SCC clogged. And didn't catch it. BF "chummed" poly to get basin properly dosed
- Had issue with filter feed pumps locking out in auto. Only ran in "backup control" had to have CSI come out. Found that both controls are linked front the same power source, they should be separate. Backup control is for if we lose scads control, but if a float is moved, it swaps (not ideal). Got back into SCADA control. CSI to retire PLC and each VFD to work as intended.
- Reclaim pump suction had float stuck inside. Removed float but need to still reattach.
- Yard cleanup

### Distribution –

- Water off/on for 2425 CV Road
- Callout to 6300 Stanley for broken house main. Dug out to show customer, left water off for them.
- 5580 Stanley call about dirty water. BF witnessed dirty water in sink. Verified hose spigot was clean and neighbor was ok. Isolated and verified it was from the hot water heater.
- Valve exercising is well underway, maybe over half done.
- Backflow testing is underway as well.
- Customer complaint about "earthy Smell". It s likely due to raw water supplies changing in the upper reservoirs. This is an issue PCWA deals with

as well. Only option if it ever becomes a problem, is to feed carbon before the filters.

## Summary

- No more algae issues. But now are dealing with leaves and falling debris from canal.
- Still dealing with SCC pump getting clogged and not letting us see water quality changes on the Raw water. Recommend upgrading pump and supply piping to allow continuous flow to SCC. We have had three instances this fall of the basin being underdosed due to rain/NTU rising, but not being able to raise the poly dose due to the SCC read not changing. Estimate/Report submitted to Don.
- Basin looks so much better with all of the trees gone. Thank you!
- Pushing SED basin cleaning until we can find solution to SCC pump issue.
- Raw NTU increasing.