**CVPCSD Monthly Report**

March 2023

Daily average flow = 180 gpm

Daily Average Raw NTU = 0.018

**Water Plant –**

* Still working through high NTU with storms
* Floc mixer motor on order
* CL17 project complete. Trouble shoot issues with CL17, completed.
* Site cleanup
* Ordered Walchem/Asahi diaphragm pump
* Sludge reclaim and sed basin in late April W/Gerry’s help for the first time
* Plant on trying new Verizon 5G internet for water plant SCADA remote viewing and internet.

**Distribution –**

* Continue with new Utility Pole USA’s
* Waiting on estimate from CPI for service repair on Gayle
* Water sampling as usual Bacti/TOC/DBBP
* Beginning BFP testing in April (storms)
* Getting data on distribution isolation valves and locations from Hydros Eng.
* Plan on starting valve exercising in may

**Improvements**

* Cl17 and electrical cleanup complete
* Jib crane inspection/new crane at upper building
* Asphalt section of lower plant to allow for chem storage and delivery/transport
* New PC computer. (current is very slow and outdated). Can get estimates for new IT equipment from Tim at CSI)
* Going to move individual filter turbidimeters o the new SC1000
* Add a raw turbidimeter and raw pH probe, add to Scada (next fiscal year). Will reuse SC200 if needed
* Improve functionality with SCADA, tags, chemical feeds. (This year?)
* Trees hanging over the SED basin (PCWA to visit on April 12)
* Utility water project ( Fiscal year 23-34)
* Water quality sample stations (3)
* PCW/NID intertie (redundancy)

**Summary**

**March was still interesting with water quality. Raw NTU was extremely high NTU (75-100) for a long portion of the month. We are finally getting to a more manageable level. Looking to make some small improvements to sample line plumbing in the filter room.**