

CVPCSD Monthly Report

July 2023

Daily average flow = 280 gpm
Daily Average NTU = 0.013

Water Plant –

- Received and assembled gantry crane for storing and loading polymer at tank site.
- Purchased and installed degassing valve on post hypo pump. Seems to be doing the trick.
- SMS issues with text alarms for alarms. CSI investigated with help of ops. Found issue with ignition. Problem was remedied.
- Some issues with hypo deliveries showing up after 12pm. Requested delivers (again) to be there by 11am.
- CL17 had error. Showed up as “low cl2” when it was actually over 1.5-2.0ppm. Called tech support, said it was a software issue. Updated software, still not right. Adjusted psi and worked fine. Need to rebuild sample line manifold to incorporate PSI gauges and small flow meters so all instruments receive adequate psi and flow.
- Ordered parts for new check valve on backwash return line.
- Hi algae levels in water. Had some issues with intake screen blocking flow. Had rate of flow valve get clogged. Opened 100% to flush. Screen cleaning daily.
- Parts for backwash reclaim SCADA repairs. Backwash reclaim will not work in “auto in scada” which is not ideal. During times of low hour filter runs we need the reclaim to come on and off in auto, currently it will only work in manual, which requires someone to physically be there to turn on and off, causing OT and call outs.
- Organization of back shed parts area.

Distribution –

- Installed meter, box and Backflow at 5475 Stanley.
- Installed new meter at 31341 ray ln.
- Customer side leak at 2662 Gayle.

- Call from NID about leak at NID canal on Stanley. Investigated, found wet area off side of road. Looks like its been leaking for a while. Will create plan to pothole and search with Contractor. Possibly during fall and low demand times.
- Valve exercising continued
- Shut off water at 2050 Ross for repair.

Improvements

- Purchase new chemical feed pumps (w/degassing valves for hypo)
- Competed and submitted CCR to state and Don.
- Working on backwash reclaim system
- Valve exercising plan moving forward. Will submit any valves or hydrants that are problematic.

Summary

- Busy month at CVP. Plant is running well, just working through first time seasonal bugs.
- Working on SCADA reclaim improvements.
- Distribution Maint
- Will plan filter inspections and send basin sludging