

# TCSD CPO Monthly Operation/Maintenance Report December 2023

---

## General Plant Operation/Maintenance

- Daily plant maintenance/housekeeping
- Daily/Monthly/Semi-Annual sampling and reporting
- Data collecting/recording /reporting
- SCADA monitoring
- Compliance enforcement
- Scheduling
- Equipment cleaning/maintenance/calibrating
- Exercise equipment/valve
- SSO prevention
- Safety enforcement/prevention is performed daily through a facility safety walk and regular inspections.

## Safety Report

- No safety accidents or near misses
- Staff had a safety meeting with the topic Employee Wellbeing.

## Call out/Plug up/Spill/Collection System

Multiple USAN line location and markings were performed.  
High school private lateral and outfall line is checked regularly.

- No call-outs occurred in the month of December.
- Mozingo was called back to regrade an eroded alley they worked in leading up to the Catholic Church.

## Plant Operations

**Additional activity performed at the Plant, above and beyond daily general operations and maintenance**

- It is highly recommended the District office switches from its current internet provider to Comcast. Comcast had previously generated a quote following a past Comcast surveys. To save roughly \$4,000, District staff installed a short section of conduit from a pull-box outside the Blower Building

# TCSD CPO Monthly Operation/Maintenance Report

## December 2023

---

to inside the Blower Building. This provides a continuous length of unused conduit from the entrance bridge to a fiber optic switch, inside the Blower Building. Once Comcast ties its service lines into that switch the office will have Comcast internet. Comcast is in the process of scheduling another surveyor to verify these efforts to revise their estimate.

- The WWTP regularly backs up during high flows, meaning water enters the plant faster than it leaves. Part of the next round of WWTP improvements includes addressing this issue. To better understand what the issue is, a specialized CCTV inspection company was hired to 1) visually inspect the outfall pipeline downstream of the clarifiers and, 2) to profile the pipeline using new specialized technology. In order to inspect the section of pipe in question, staff had to take the WWTP offline and remove a section of pipe, previously meant for a disinfection process. This task took a couple of hours and there were no adverse impacts to the WWTP. All inspection findings have been passed along to our engineers for review.

### Apply Colony Lift Station

- Daily Apple Colony lift station inspections performed as required by SDRMA.

### Bakers Reservoir and Dam/Outfall line

- Freeboard is roughly at 20.8 ft. as of December 26<sup>th</sup>.
- Inspection of the effluent irrigation pump is complete. It was determined it is better to rebuild the pump opposed to purchasing a new, for now. The pump is being rebuilt, and the District will plan to add a new pump with future State funding.

**End of Report**

Ben Kikugawa, Chief Plant Operator

December 27, 2023