

# TCSD CPO Monthly Operation/Maintenance Report November 2022

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## General Plant Operation/Maintenance

- **Daily plant maintenance/housekeeping**
- **Daily/Monthly/Quarterly 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.**
- **Three operators contracted COVID-19. Safety protocols required them to stay at home for five days after symptoms first developed. After that period, they could only return to work if symptoms subsided.**

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

- The on-call staff responded to the WWTP during non-normal working hours for a power loss in town on November 1<sup>st</sup>.
- A call-out to the WWTP occurred on November 12<sup>th</sup> during non-normal working hours.
- A call-out occurred on November 18<sup>th</sup> to 18424 Oak St. during normal working hours. The issue was determined to belong to the homeowner to correct. There was no access into the customer's lateral and no one-time curtesy flush could be given. The customer was advised to call a plumber.
- A call-out occurred on November 21<sup>st</sup> to 18517 Pine St during normal working hours. The blockage was found to be at the lateral connection to the sewer mainline. The line was cleared by staff.
- A call-out occurred on October 22<sup>nd</sup> during normal working hours. The customer complaint was a loud manhole lid when driven over on Carter St. Staff responded and removed a small pebble in the manhole ring, allowing the lid to lie evenly.

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

### Plant Operations

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

- The second semi-annual groundwater sampling event took place on Nov. 2<sup>nd</sup> by Condor Earth Technologies, Inc.
- 3,000 gallons of sludge was given to Foothill Septic for delivery to the Chicken Ranch Casino, WWTP. Their plant receives very little flow during the weekdays which starves, and ultimately kills their biomass responsible for primary treatment.
- Maintenance and frost protection efforts were made to various vulnerable spigots and hydrants around the WWTP in anticipation for forecasted sub-freezing weather.
- A tour of the WWTP and Reservoir was given to a college class that one of our operators is enrolled in. The class is called Water Resources Management and is part of the Forestry and Natural Resources Department at Columbia College.

### Apply Colony Lift Station

- Daily Apple Colony lift station inspections performed as required by SDRMA.
- The Apple Colony Lift Station was cleaned on Nov. 29<sup>th</sup>.

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## Bakers Reservoir and Dam/Outfall line

- Freeboard is roughly at 26 ft.
- John Baker is done irrigating for the season and the irrigation pump station has been winterized.
- The reservoir continued to have pH above 9.0 until Nov. 10<sup>th</sup>. Per staff's proposal to the Regional Waterboards, increased monitoring (daily, minus weekends and holidays) was performed for seven working days with pH levels consistently below 9.0. Staff returned to weekly monitoring on Nov. 21<sup>st</sup>.
- We have officially begun the two-year study into the cause of the increased pH in the reservoir, conducted by Carollo Engineers.