

# TCSD CPO Monthly Operation/Maintenance Report

## August 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.

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

- A call-out occurred on August 5<sup>th</sup> to the WWTP during non-normal working hours. The alarm was for a power outage. A power outage actually results in two call-outs; one for each power transfer. This has been the case since the SCADA server has been down and staff having to rely on an old alarm notification system that does not inform the operator of specific active alarms. In addition, the new sludge return pumps do not come back on automatically requiring an operator to do this manually after every power transfer. This will be corrected with integration to SCADA but will require additional funding.
- A call-out occurred on August 6<sup>th</sup> to the WWTP during non-normal working hours. The alarm was for a power outage.
- The Collection System Project is in the preliminary stages of construction with potholing currently taking place.

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

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### Plant Operations

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

- The Sludge Removal Project has started and is nearing completion. No major issues have been encountered. This will be discussed in more detail at the next Regular Board Meeting.
- The WWTP improvement project is in its final stages of completion with a few punchlist items remaining.

### 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 22 ft.
- The reservoir is out of compliance beginning on 8/2/2022 for exceeding the pH limitation of 9.0. During this time, staff increase monitoring by recording pH reads once per day minus weekends and holidays. The most recent reservoir pH recording as of this writing was just under 10. The Regional Waterboards were notified and are satisfied with the District's short and long term proposals.
- Carollo submitted their sampling workplan to study the reservoir pH issue. Staff will use this workplan to collect and analyze the samples listed in the workplan. Modifications to sampling and alkalinity dosing locations were required at the Headworks. We begin following the sampling workplan in the beginning of September.
- We received the Annual Dam Inspection Report. There were two items cited needing to be addressed. These were to clean the bottom of the spillway and remove a dead shrub in the norther dam groin. Both tasks have been completed.

Ben Kikugawa, Chief Plant Operator

September 1, 2022