

# TCSD CPO Monthly Operation/Maintenance Report

## May 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 inspection.

### Safety Report

- No safety accidents or near misses.
- Monthly fire extinguisher and eyewash station checks performed.
- A Safety Meeting on Heat Stress is scheduled to be held on May 31st.
- Old and faded signs around the WWTP have been replace with new signs.

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

- 2,418 ft. of mainline was cleaned in May.
- A call-out to 18115 Box Factory Rd. occurred on May 25<sup>th</sup> during normal working hours. The compliant was for a backed up private lateral with a soft block. The lateral was given a one-time curtesy flush clearing the blockage.
- A call-out to 18461 Carter St. occurred on May 25<sup>th</sup> during normal working hours. Staff have been to this residence on five separate occasions. Per District policy, no corrective action was taken. A follow up call was placed to the homeowner explaining the District will have to start charging for its repetitive services. The customer was also informed that because of the location of an elementary school across the street raw sewage in the public right-of-way poses a more serious concern. If the District observes further spillage it will take the necessary corrective actions and bill the owner with or without their consent.

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- The Tribe is wanting to start construction improvements to the Westside Dam as early as August. The first phase of the project is to construct a new structure to support the District sewer trunk line because the Department of Dam Safety requires it to no longer be attached to the dam. The Tribe submitted partial plans for District review but then revised the design. Upon submitting the second set of plans sheets were found to be missing. We are now waiting on the full set of plans for our review.

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**

- Annual flow meter calibrations took place on May 11<sup>th</sup>.
- The Apple Colony Lift Station was found not to be working on May 11<sup>th</sup> at 2:51 PM. Two call-outs resulted over the night. Automation Group out of Modesto arrived the next day to trouble shoot the issue. A loose electrical connection was found on a protection breaker giving intermittent voltage to the control float.
- The Apple Colony Lift Station had another issue on May 17<sup>th</sup>. Automation Group was called in again arriving that day and determined a bad electrical wire to a float switch was responsible. There were two spare wires available and one was used in lieu of that bad wire.
- Construction has picked back up at the WWTP. Utilities had to be relocated to fit a large vault next to the clarifiers. An electrical conduit was hit rendering two flow meters without power. An alternative power source was connected to the flow meters and the instruments are operational again.

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- The SCADA server is still down, however we have regained remote access to flow data from the reservoir. This was the only major interference with daily operations while the server is down. Staff no longer have to make daily trips to the reservoir to gather irrigation flow data.

### 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 5.5 ft.
- Annual dam inspection took place on May 24<sup>th</sup>. No major issues were found.
- We are in contract with Carollo Engineers to study seasonal elevated pH issues in the reservoir.

Ben Kikugawa, Chief Plant Operator

May 27, 2022