

# TCSD CPO Monthly Operation/Maintenance Report

## January 2022

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### General Plant Operation/Maintenance

- Daily plant maintenance/housekeeping
- Daily/Monthly/Quarterly sampling and reporting
- Data collecting/recording /reporting
- Computer 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.
- Online safety course on Corona Virus Variants.

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

- 470 ft. of mainline was flushed in January.
- A callout to 19088 Carter St. occurred during normal working hours. The issue was determined to belong to the homeowner, however, because sewer was running down the street staff attempted to clear the blockage. It was found during these efforts that the blockage was in a location where sewer pipes appear to have been installed incorrectly making it unreachable for staff to clear. It was recommended to the homeowner that they call a plumber and that their “snake” should be able to address the issue.
- On January 17<sup>th</sup>, while leaving the weekend shift, the operator spotted an overflowing manhole on the corner of Oak St. and Box Factory Rd. Support was called in for assistance with clearing the blockage. At the same time, the on-call operator received “ghost” alarms for the Apple Colony Lift Station. Ghost alarms are when an alarm is triggered but no cause for the alarm is found and everything is working normally.

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

### Plant Operations

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

- The Headworks machinery consists of a screw screen and a compactor. The compactor has a fault occurring that trips out the motor controls. This is exhibiting the same symptoms as the screw screen had back in 2019 which needed a new motor starter. A new motor starter was purchased and is scheduled to be installed on January 31. A bad solenoid was found during inspection of the equipment as well and was replaced.
- 3,000 gallons of sludge was given to Chicken Ranch Casino to support their under loaded package plant.
- Failing photo sensors and ballasts were found in exterior lights. The photo sensors were replaced and LED conversions replaced the old metal halide bulbs. Only two exterior metal halide bulbs remain at the WWTP and will be replaced when they fail.

### Apply Colony Lift Station

- Daily Apple Colony lift station inspections performed as required by SDRMA.
- Grease buildup was removed from the lift station and rags were removal from the check-valves.
- No as-builts exist for the lift station so staff gathered dimensions of the lift station, along with other critical data, to pass along for the lift station assessment.

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### Bakers Reservoir and Dam/Outfall line

- The dam spillway was cleaned out in January.
- Freeboard is roughly at 13 ft.

#### Special notes:

- TCSD staff continuously works to avoid any unnecessary overtime.

January 28, 2022

Ben Kikugawa