

TCSD CPO Monthly Operation/Maintenance Report

April 2021

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

- A Safety Meeting was held on April 29 with the topic of *Recognizing Harassment in a Diverse Workplace*.
- No safety accidents or near misses.
- Monthly fire extinguisher and eye wash station checks performed.
- Annual fire extinguisher service was conducted on April 27.
- Staff continue to work with new District health protocols which include, but not limited to, the following:
 - 1) Limit one employee per vehicle when feasible.
 - 2) Daily health screenings.
 - 3) Limited work in the collection system.

Call out/Plug up/Spill/Collection System

- One callout occurred on April 12 during non-normal working hours to the reservoir. The callout was for a power loss to one of the reservoir SCADA cabinets. The cause was found to be water had entered through a bad seal atop of the cabinet shorting out a power supply unit. That unit has since been replaced and the seal corrected all under warranty.
- One callout occurred on April 15 during a non-normal working hours to the WWTP. The callout was for a backup generator running alarm. The power outage lasted nine hours.

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- Staff is waiting on a surveying company to deliver surveyed parcel maps. These maps will be used to show the District Engineer our staff's recommendation on where to reroute problematic private sewer laterals that transverse other private properties. They will also aid in recommending new mainline additions, extensions, and placement for the Collection System Improvements Project.
- Staff has been engaged with construction planning of the Tuolumne Resiliency Center as it relates to sewer connection.

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 sludge valve actuator is still being repaired as report last month. Staff continue to operate the valve manually on a daily basis minus weekends.
- Two new replacement pumps have purchased for the Plant Drain-well. One pump was in the early stages of failing with a repair cost of roughly \$1,000 less from a new pump. Both new pumps will be installed with the remaining working pump kept as a backup.
- Staff again assisted Chicken Ranch Casino by giving them 3,000 gallons of activated sludge for the casino's package plant.
- Gophers have been killing newly planted landscaping plants. Nick Chase Pest Control was called to perform burrowing rodent eradication using a Cold Carbon Monoxide Percolation machine. Burrowing rodent eradication was also performed at the reservoir as required by the Department of Dam Safety.
- Annual flow meter calibrations occurred on April 22.

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Apply Colony Lift Station

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

Bakers Reservoir and Dam/Outfall line

- Reservoir SCADA has been sending an active alarm since an April 12 callout. The company who performed the install, Control Point, came out to troubleshoot the cause of the alarm. The issue was found to be a failed power unit responsible for charging the backup batteries. The field tech, who is well seasoned, said he has never had to replace one of these units before. Staff are suspicious of fluctuating power on the PG&E side.
- John Baker has started irrigating as of April 4.
- One of the reservoir SCADA cabinets installed in February is located near the top of the dam and was vulnerable to curious livestock. Alderson Fencing installed a small cyclone enclosure around the cabinet for protection on April 19.
- Beginning in 2019, the District is required to submit Annual Volumetric Recycled Water Reports. This report was submitted on April 27.

Special notes:

- **TCSD staff continuously works to avoid any unnecessary overtime.**