

TCSD CPO Monthly Operation/Maintenance Report November 2025

General Plant Operation/Maintenance

- Daily plant maintenance/housekeeping
- Daily/Monthly/Semi-Annual sampling and reporting
- Data collecting/recording /reporting
- SCADA monitoring
- Compliance enforcement
- Equipment cleaning/maintenance/calibrating
- Exercise equipment/valves
- SSO prevention
- Safety enforcement/prevention is performed daily through a facility safety walk and regular inspections

Safety Report

- A routine Safety Inspection identified cracks in the base of handrail welds at five separate locations. The handrails are constructed out of aluminum. A TIG welder was purchased to make the repairs in-house and is awaiting delivery.

Call out/Plug up/Spill/Collection System

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

- A call-out occurred to 17956 Apple Colony Road on November 15th during non-normal working hours. The complaint was sewer actively spilling out of a private sewer cleanout. Given its close proximity to the sewer mainline, it was believed the blockage to be in the main. That was not the case, and the customer was given a one-time courtesy flush.
- A call-out to the WWTP for a Hi Influent Flow alarm occurred on November 15th during non-normal working hours. When the responding operator arrived and observed normal flows they began to investigate the cause of the alarm. The week prior, Telstar technicians had raised the ultra-sonic transducer flow metering device as part of the SCADA Project. It was found that a live oak leaf had blow between the transducer and the open-channel grate covering which SCADA had interpreted as 1,300 gallons per minute flowing through the Headworks. Lowering the transducer has been added on to Telstar's Punch List.
- A call-out to the WWTP for a Low RAS (Return Activated Sludge) alarm occurred on November 17th during non-normal working hours. The responding operator arrived to find the RAS flow to be

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normal and the cause for the alarm was determined to be the result of programming errors during the SCADA Project.

- The Casino flows have had erratic fluctuations in the month of November with some flow days having negative values. Jeff C. met with TEDA CEO, Darryll Tinkle, on the matter and arranged for the head of Casino Maintenance, Dalton Day, to meet with District operators to determine the cause, or if a specialist needed to be called in. The installer of the Casino telemetry system was contacted and is now working on correcting the issue.

Apply Colony Lift Station

Daily Apple Colony lift station inspections performed as required by SDRMA

- The Apple Colony Lift Station is now outfitted with an ultra-sonic transducer, replacing the older and less reliable float switches. One Hi-hi float switch will remain as redundancy protection.

Plant Operations

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

- The second semi-annual groundwater samples were collected on November 3rd.
- The District and a few other neighboring special districts hire George Danicourt with MC Maloney to mechanical service needs. George has a reputation of being a highly experienced and efficient mechanic. Unfortunately, WC Maloney laid off all their mechanics, leaving us without a dependable mechanic. George recently informed us that he is going into business for himself and expects to be fully operational at the beginning of December.
- Operators rebuilt the vacuum pump on the vac-tank skid bed. The rebuilt included new veins, bearing, gaskets, and seals. A hydraulic press had to be purchased assemble the rebuild.
- The SCADA Project has resumed and is underway. A Punch List was issued, and the project is expected to be completed before this December Board Meeting.
- Annual samples have been collected as ordered in the WDR. This entails additional analysis on the effluent, along with sampling Turnback Creek and source water samples from TUD and the Casino.

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Bakers Reservoir and Dam/Outfall line

- The irrigation season ended on November 5th.
- John Baker started diverting creek water to the Reservoir on November 14th, later than historically typical.
- Freeboard was recorded at 22.3 feet as of November 24th.
- The reservoir pH started exceeding the 9.0 limitation on August 12 and continued as of this writing; however, elevated pH is now trending downward.

End of Report

Ben Kikugawa, CPO

November 25, 2025