

TCSO CPO Monthly Operation/Maintenance Report

November 2024

General Plant Operation/Maintenance

- **Daily plant maintenance/housekeeping**
- **Daily/Monthly/Semi-Annual sampling and reporting**
- **Data collecting/recording /reporting**
- **SCADA monitoring**
- **Compliance enforcement**
- **Scheduling**
- **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

- **No safety accidents or near misses**
- **A pamphlet on Cyber Risk Management was reviewed by staff on November 27th.**

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 on November 23rd to the WWTP during non-normal working hours. The alarm was for a power loss to the plant.
- Staff jetted approximately 1,540 feet of sewer mainline.
- Staff have located three missing end-of-segment cleanouts. Two cleanouts are in the Apple Colony Basin and had been paved over. Staff raised one cleanout and are planning to raise the second. The third cleanout is in the Willow Basin on Pine Street. More correctly, the cleanout was part of an old abandoned sewer main and was not functional. Staff dug up the end of the active mainline and installed a cleanout.
- Staff have been on the hunt for the source of an illegal discharge into our sewer system. We believe we have narrowed down the parcel through systematic sampling. Tuolumne County Environmental health has been made aware. The District will issue a notice advising the customer their sewer is being monitored and that legal steps will be taken if any further forbidden

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substances are found coming from their property. The illegal discharge caused operators working in downstream manholes to become nauseated and upset the million-gallon biomass at the WWTP. Effluent quality is still good; however, we could experience additional costs when removing biosolids as it requires testing for petroleum hydrocarbons.

- The construction warranty for the Carter Basin Improvements expired on November 15th. Staff drove through all parts of the project area and found no issues to correct. The paving has an additional year of warranty.

Plant Operations

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

- All drainage improvements made in the collection system, reservoir, and WWTP have been observed to be working as intended.
- The Summerville Union High School maintenance department had done nothing to repair damages to a silted in, District owned, French drain system caused by failures in their pumphouse. After reassuring the District they will correct the issue, they ended up stating they do not have the manpower nor the time. District staff performed the repairs and will bill the school in accordance with our Ordinance.
- The sludge pump that was out for repairs has been repaired and reinstalled. The pump was part of Phase-I improvements in 2022 and was partially covered under warranty.
- Annual Groundwater sample was collected by Condor Earth on November 14.

Apply Colony Lift Station

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

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Bakers Reservoir and Dam/Outfall line

- Freeboard was roughly at 26.0 ft. as of Novemebr 26th.
- The irrigation pump was pulled for a seal leak and transported to Industrial Electric in Modesto for repairs.

Administrative

- An Employee was found to have been working here as an operator with an expired wastewater license since August 31, 2024, which is a violation for any wastewater treatment plant. This was reported to the Office of Enforcement on November 26th.

End of Report