

# TCSD CPO Monthly Operation/Maintenance Report

## April 2024

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### 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 safety meeting was held on Blood Borne Pathogens.

### 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 to the WWTP occurred on April 2<sup>nd</sup> during non-normal working hours. The issue was a power loss. The sludge pumps were turned back on as they are not integrated into the SCADA system. This issue is expected to be corrected with the overhaul of SCADA in the upcoming WWTP Improvement – Phase II.
- Staff are in the process of purchasing two steel trench plates to help correct the sunken trench in the East Bay Alley. Currently, Mozingo has six trench plates in place in the alley covering the trench where saturated soils were identified. Mozingo is charging the District \$600 per month for those plates. Once the District has its own plates, we will coordinate with Mozingo to remove their plates. If the soils are still too wet for heavy vehicle traffic, we will use the new plates until the ground dries out enough to perform the design clarification our District Engineer has drawn up.
- Staff assisted Park & Rec Dept. connect the new outdoor theater to a sewer mainline. Staff excavated the trench and made the connection at the mainline. Because the mainline runs through

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private property, the property line cleanout that typically delineates where the customer's responsibility ends was placed at the edge of the District easement.

- The Casino is expanding their hotel with 48 more rooms and a spa area in the front of the hotel. The original design was to have sewer from the new 48 rooms flow through the existing sewer in the hotel. This pipe was found to be undersized to accommodate the expansion. TEDA now wants sewer from the hotel expansion to tie into the Casino lift station. Staff have been advising TEDA how this needs to be done in order to preserve accurate Casino billing. Black Water Engineers have been tasked with reviewing the hotel expansion design.

## Plant Operations

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

- An automatic greaser on one of the new floating brush aerators had failed and was replaced under warranty.
- The Plant Drain Well had a float failure due to a bad connection. Staff arrived at work on April 12<sup>th</sup> to find the Emergency Overflow Pond was full of water from the Drain Well. That water was pumped back to the treatment system. Staff were not notified of this alarm because of the down SCADA system.

## Apple Colony Lift Station

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

## Bakers Reservoir and Dam/Outfall line

- Freeboard is roughly at 3.8ft. as of April 23<sup>rd</sup>.
- John Baker has begun irrigating for the season.

**End of Report**

Ben Kikugawa, Chief Plant Operator

April 25, 2024