

# TCSD CPO Monthly Operation/Maintenance Report

## May 2023

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### General Plant Operation/Maintenance

- Daily plant maintenance/housekeeping
- Daily/Monthly/Quarterly sampling and reporting
- Data collecting/recording /reporting
- SCADA 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 regular inspections.

### Safety Report

- No safety accidents or near misses

### 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.

- No Call-outs occurred in the month of April
- Staff continue to offer support assistance to Mozingo and help reconcile customer complaints stemming from the project.
- Before his departure, Todd Ingalls completed parcel mapping of all parcels in the District Service area. These will be marked up with known lateral locations as staff learn of their location.

### Plant Operations

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

- A new sludge pump (Pump-2) is in a constant fault state from an over temp alarm. This will be addressed as a warranty issue from the WWTP Project.

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- Another flap-gate in Clarifier-1 has failed. This means it does not keep a water tight seal and the clarifier will not stay drained without keeping the sludge pumps on constantly. This prompted inspection of all the flap-gates in the same clarifier. Five out of the remaining seven flap-gates showed beginning signs of failure with the rubber seal delaminating and bulging due to water pressure.

### Apply Colony Lift Station

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

### Bakers Reservoir and Dam/Outfall line

- Freeboard is roughly at 4.8 ft. as of May 30<sup>th</sup>.
- High voltage power lines servicing the irrigation pump station blew two PG&E fuses on a power pole. PG&E promptly made the repair and restored power to the pump station. John Baker called the next day stating the pump was still not working. Specialist from Modesto Automation Group came out the following day and determined the starter contactor had failed. They replaced it with a new starter and the pump is working as normal.
- John Baker's diversion ditch is still washed out from the severe winter weather. John stated he was going to assess the extent of the damage a week ago and there has been no contact with him since. This is an important issue as two-thirds of the reservoir volume is supplemental water from Turnback Creek. It is because of this high quality water source that is blended with our effluent that brings our Total Dissolved Solids (TDS) levels into compliance.

**End of Report**

Ben Kikugawa, Chief Plant Operator

June 1, 2023