



DATE: May 17th, 2024
TO: Members of the Board of Directors
FROM: John Gibson, Chief Plant Operator
SUBJECT: OPERATION REPORT: APRIL, 2024

Regulatory Compliance

- CIWQS - Completed and submitted the 1st quarter ESMR and DMR.
- Geo Tracker – Completed and submitted the volumetric annual report for 2023.
- No spill certification submitted for the month of April.

Sampling and Monitoring

- Carried out the necessary sampling and analysis on a daily, weekly, and monthly basis, as stipulated by the NPDES permit.

Operations Report: Operations, Process Control, and Preventative Maintenance

The following activities were carried out as part of our ongoing efforts to ensure efficient operations, maintain process control, and implement preventative maintenance measures:

- Forestville Water District ceased discharge of recycled water through the intertie pipeline to GCSD due to Graton's storage ponds reaching capacity.
- Mike Brown Electric replaced the main breaker under warranty at Lift Station #1. The main breaker became difficult to return to the on position after a routine power shutoff to test the backup generator. PGE disconnected the power at the meter while Mike Brown completed the breaker replacement. Upon completion, PGE restored power to the meter and the breaker tested before placing back in service.
- Serviced the SAF coagulant chemical feed pump. Replaced the top and bottom valve assembly, cleaned and inspected fittings, hoses, and diaphragm.
- Clean in Place (CIP) procedures were carried out on the SAF froth generation system, along with servicing of the polymer chemical feed system, including rotameters, feed lines, valves, and screens.
- Both Fuzzy Filters underwent a CIP process, followed by air scouring of the media with sodium hypochlorite and washing.
- Telstar completed the replacement of the ultrasonic influent flow meter at the headworks. The new meter was installed with a stainless-steel mounting system over the Parshall flume. Telstar calibrated and certified the meter.
- Sent recycled water to Kendal Jackson Vineyards to replenish their pond after frost protection use.
- Made repairs to the gantry at lift station #1. The top cast aluminum brackets that the main I beam is attached to show stress cracks in the corners. Both cast brackets were replaced with welded aluminum brackets and bolted in place. The wheel bearings and rollers on the gantry were inspected and lubricated.