



DATE: April 9th, 2024
TO: Members of the Board of Directors
FROM: John Gibson, Chief Plant Operator
SUBJECT: OPERATION REPORT: FEBRUARY, 2024

Regulatory Compliance

- Completed and submitted to the NCRWQCB on CIWQS the Annual Sanitary Sewer Systems General Order Report.
- Sewer lateral inspections completed for 9011 Donald St. & 2730 Brush St. Issued certificates of compliance.
- No spill certification submitted for the month of March.

Sampling and Monitoring

- Completed the 1st quarter 2024 groundwater monitoring and sampling.
- 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:

- The Forestville Water District continued the discharge of recycled water through the intertie pipeline to GCSD's effluent storage ponds throughout March, totaling 3.857 million gallons (MG).
- A meeting was held with Manzana personnel to test and inspect the connection at the manhole located at the intersection of Green Valley Rd. and Ross Rd. Chad Davisson provided directives to adjust the outfall into the manhole to prevent wastewater turbulence, which could lead to the generation of hydrogen sulfide gas and subsequent deterioration in the collection system.
- 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.
- Replaced the main electrical cable that links the pond #1 disconnect box to aerator A. The old cable had a short circuit internally, which kept tripping the breaker for the unit. After replacing it with a new one, the aerator is up and running smoothly again.
- The contents of the Hippo Hopper (headworks screenings & grit) were transported via dump trailer to the Waste Management Redwood Landfill for disposal.
- Weed abatement activities were conducted around Lift Station #1, plant grounds, and roadways.
- Weekly flushing of the SAF rotary gear pump and froth system was performed using a rust inhibitor.
- Weekly cleaning and flushing of the 1748E turbidity meters and piping were conducted.