



DATE: January 13th, 2023
TO: Members of the Board of Directors
FROM: John Gibson, Chief Plant Operator
SUBJECT: OPERATION REPORT: December, 2023

Sampling and Monitoring

- Conducted pre-discharge season sampling and analysis to ensure compliance prior to discharging into Atascadero Creek. Recirculated Sodium Bisulfite in the final effluent storage pond (East Pond) until the chlorine residual reached a non-detect level of less than 0.01mg/L.
- 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:

- Installed piping connecting to GCSD's irrigation main, running across the roadway to facilitate FWD in sending recycled water through the irrigation system to the effluent storage ponds. This enables a smoother transfer through a metered system without affecting our discharge flow rates.
- The Fuzzy Filter (A) turbidity meter failed a routine calibration, displaying a fault code. Replaced the meter with a backup and sent the defective meter to the manufacturer for servicing. After installation, recalibrated the meter, and it passed within specifications. Additionally, calibrated the SAF effluent turbidity meter along with the Fuzzy Filter (B) meter.
- Continued weekly testing and inspections of both plant and lift station #1 backup generators.
- Conducted weekly flushing of the SAF rotary gear pump and froth system using a rust inhibitor.
- Conducted weekly cleaning and flushing of the 1748E turbidity meters and piping.