



DATE: February 14th, 2024

TO: Members of the Board of Directors

FROM: John Gibson, Chief Plant Operator

SUBJECT: OPERATION REPORT: JANUARY, 2024

Regulatory Compliance

- Completed and submitted to the NCRWQCB the 4th quarter ESMR & DMR for 2023 by January 1st 2024.

Sampling and Monitoring

- Completed the annual effluent toxicity sampling and submitted to Aqua Science for assessing compliance with NPDES chronic toxicity limits.
- Completed the annual TCDD and equivalents sampling and delivered to Alpha Labs for analysis.
- 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:

- Starting January 2nd, Forestville Water District began discharging recycled water through the intertie pipeline to GCSD's effluent storage ponds. In January, the total amount of recycled water received from FWD was 6.277 million gallons (MG).
- Recirculated sodium bisulfite in the East holding pond until a zero-chlorine residual was measured at monitoring location EFF-002 prior to commencing discharge to Atascadero Creek. Initiated discharge on January 8th.
- Repairs made to faulty wiring causing the upper outlets near the chlorine contact basin to lose power.
- Achieved equalization between the East and West holding ponds by opening both vales at CVS#2. Replaced a leaking 12" plug with a bypass at the end of the CCB to enable the transfer of recycled water between the two storage ponds while redirecting chlorinated effluent from the CCB to the far side of the West holding pond. Installed a new pvc valve, fittings, and tested the new plug for air leaks.
- 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.