



DATE: April 13, 2023

TO: Members of the Board of Directors

FROM: John Gibson, Chief Plant Operator

SUBJECT: OPERATION REPORT: March, 2023

Regulatory Compliance

- CIWQS: Submitted March “No Spill Report”.
- Completed 1st Q Groundwater Monitoring and Sampling.
- Daily inhouse lab analysis at monitoring locations EFF-001, EFF-002.
- Weekly sampling and analysis at monitoring locations EFF-001, RWS-001 (upstream Atascadero Creek), RSW-002 (downstream Atascadero Creek).
- Monthly sampling and analysis completed for monitoring locations INF-001, EFF-002 (discharge to Atascadero Creek), REC-001 (irrigation – frost protection) RSW-001 (Upstream), and RSW-002 (Downstream).

Operations, Process Control, and Preventative Maintenance

- Tested Chenoweth Vineyards irrigation system for frost protection. Chenoweth used 19,000 gallons of recycled water for frost protection in the month of March.
- Continued weekly flushing of the SAF rotary gear pump and froth system with a rust inhibitor to prevent pump seizing and prevent callouts. Performed a CIP on the Froth system with chlorine.
- Performed a CIP on the SAF system with chlorine, flushed with well water and cleaned influent screen.
- Replaced driver side door and worn out seats on the 2002 Ford Ranger. Oil service, tire rotation, and brake check at Benedetti tire. Replaced cracking dash instrument cover on the 1999 Dodge #15.
- Cleared out the mobile office and removed filing cabinets, paperwork, and supplies. Heuser Hauling has submitted a quote for removal and is pending approval.
- Pulled and deragged Aerators A & B in pond# 1. Pulled aerator # 1 in pond # 2 for servicing, replaced with a spare aerator and placed back in service.
- Using a stopwatch at Lift Station #1 pump #2 took a minute longer than pump #1 to pump down the wet well from 5’ to 3.5’, this can indicate rags building up around the impeller. Pulled #2 pump with a 1-ton lift and gantry to check for rag buildup, no rags were caught inside the impeller. Visually inspected and spun the impeller to check for resistance and bearing noise (none observed). Placed back in service.



- Cleared silt and debris from around the storm drain at the front entrance gate and shoveled out the storm ditch in the North irrigation field.
- PumpMan NorCal realigned and tightened down the mounting bolts on the 75 Hp Effluent pump to reduce vibrations during operation.
- Replaced the sampling tube on the INF-001 composite sampler located at the plant headworks.
- Added blue lake and pond dye to the West and East holding ponds to control aquatic algae.

Vector Peristaltic Sludge Pump

The Vector peristaltic pump moves the skimmed solids from the SAF hopper to the dewatering trailer. During operation the machine screws that connect the mounting brackets to the shaft that supports the rollers cracked allowing the rollers to move and not compress the peristaltic hose enough to pump the sludge. The rollers were removed and rebuilt at Sebastopol Bearing. The solids were routed back to the settling pond during treatment operations and diluted with recycled water. The rebuilt rollers have been reinstalled and the sludge pump is back online. Additional spare rollers have been ordered and are pending arrival. The influent and effluent hoses to the sludge pump were replaced, the inner peristaltic tubing flipped to extend the life of the hose, and additional silicone lubricant applied the surface area of the hose and rollers.

Sludge pump in operation

