



DATE: October 12th, 2023

TO: Members of the Board of Directors

FROM: John Gibson, Chief Plant Operator

SUBJECT: OPERATION REPORT: September, 2023

Recycled Water:

In September, a grand total of 1.933 million gallons of recycled water was supplied to the users of the Forestville Water District for irrigation purposes. Out of this quantity, 1 million gallons resulted from accidental irrigation when one of the vineyards inadvertently left their valves open overnight.

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:

1. Facility Maintenance:

- Replaced and installed new LED lighting fixtures in the laboratory room, replacing the old fluorescent lights. In addition, patched and repainted the ceiling and walls to cover areas where the original MCC cabinet was previously located, concealing any missing paint and holes.
- Removed plant growth from the gutters around the main buildings and compost facility.

2. Plant:

- 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. This preventive measure aims to prevent pump seizing and minimize the need for callouts.
- Conducted weekly cleaning and flushing of the 1748E turbidity meters and piping.
- Replaced Control Vault Structure #2 3hp pump and installed new camlock fittings.
- The contents from the headworks screening and grit removal storage bin were emptied into the dump trailer and transported to the Redwood landfill for disposal.
- Performed maintenance to address leaks on the dewatering trailer, which included welding angle iron in one corner to reinforce and prevent further leaks. Performed repairs on the electrical wiring of the tail lights and patched an air leak in the trailer tire.
- Trimmed vegetation surrounding the staff gauges at the East and West holding ponds. Repainted the elevation numbers to ensure accurate readings of pond levels.