



**DATE:** October 16<sup>th</sup>, 2024  
**TO:** Members of the Board of Directors  
**FROM:** John Gibson, Chief Plant Operator  
**SUBJECT: SEPTEMBER 2024 OPERATION REPORT**

### **Regulatory Compliance**

- CIWQS “No spill certification” was submitted for the month of September.
- Met with the SWRCB regarding recycled water usage and upcoming permit renewal. I submitted a request to increase our allowable discharge percentage and reduce the sampling frequency. (see attached)

### **Sampling and Monitoring**

- Completed the 3<sup>rd</sup> quarter groundwater monitoring and sampling.
- Recycled Water usage for September: Graton CSD – 3.713 MG
- Conducted all required daily, weekly, and monthly sampling and analysis as per 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:

- Serviced the polymer chemical feed pump, replacing top and bottom valves, diaphragm, seals, hoses, and cleaned the pump head and fittings. Cleaned rotameters and flushed the polymer effluent lines.
- Replaced the hose on the peristaltic sludge pump. Installed new rollers and camlock fittings, re-tapped out bolt holes for the cover plate, and installed larger stainless-steel bolts. Greased the hose and fittings per manufacture’s specifications.
- Performed Clean-In-Place (CIP) procedures on both Fuzzy Filters and the SAF froth generation system using chlorine. Lowered compression plates, washed off buildup, and greased corkscrews. Checked actuator lubricant levels.
- Serviced the SAF skimmer bearings and inspected the chain for proper tension.
- Conducted weed abatement along lower treatment plant roadways and concrete pond skirts, scraped roadways, and removed debris.
- Cleared brush and fallen trees along the outfall berm to the discharge point.
- Replaced a faulty air relief valve at a turnout along the recycled water main.
- Removed a large patch of Ludwigia (an invasive aquatic plant) from the bank of the East recycled water storage pond.
- Lubricated the dump trailer grease fittings.
- Patched a crack along treatment pond #2 skirt with cement.
- Marked and locate a sewer lateral at 3280 Hicks road.