



DATE: August 15th, 2024
TO: Members of the Board of Directors
FROM: John Gibson, Chief Plant Operator
SUBJECT: OPERATION REPORT: JULY, 2024

Regulatory Compliance

- CIWQS “No spill certification” was submitted for the month of July.
- CIWQS – Submitted the 2nd Quarter ESMR & DMR, no violations were noted during this period.

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:

- Recycled Water usage for July:
 - Kendal Jackson - 1.437 MG
 - Graton CSD – 2.36 MG
- District Vehicle – Ford Ranger
Check engine light on, power loss while driving. Took to the Neighbor’s Kid Auto Repair in Graton for diagnosis and repair. The oxygen and water temperature sensors were replaced and the check engine light cleared. Changed the engine oil & filter.
- Replaced aerator A in treatment pond #1 due to a short in the motor windings. Sent the faulted aerator with Pumpman to prepare a cost analysis for repair/replacement.
- Transfer flow meter from the treatment process to the storage ponds displayed a sensor alarm. Disassembled the meter and replaced a blown fuse on the circuit board. Tested and placed the meter back in service.
- Replaced the motor and striker at the CCB overflow chlorine analyzer.
- Continued with irrigation system repairs and installing flexible hoses on irrigation risers to prevent future breaks.
- Brian Hines delivered a single solar panel, pending installation over the electrical room.
- Made repair to a small leak in the chlorine injection system.



- July 15th – Received communication from a concerned citizen that noticed a “hole in a water main” while walking on the bike path. Upon investigation a meter cover had been knocked off and fell down inside of the meter box. The lid was resecured and locked.
- Lift Station #1 replacement pump has been delayed for shipment to mid-August.
- Conducted weed abatement around the facility, plant roadways, and lift stations.
- Spread finished compost throughout the irrigation fields.
- Replaced a blown tire on the dewatering dump trailer.
- Clean in Place (CIP) procedures were carried out on the SAF froth generation system, along with servicing of the polymer chemical feed system, including rotameters, feed lines, valves, and screens.
- Performed a (CIP) with Cl2 on Fuzzy Filter A & B.