

Operations Update

Plant operations and treatment were excellent during the month of April. The disc filters were in operation continuously throughout the month without chemicals. We discharged all of our effluent to the river with the power plant on an extended shut down for maintenance until the middle of May. Disinfection season has started and we got everything ready with a new Hypochlorite Day Tank and sensor and a new tank sensor for the Bisulfite tank.

Maintenance Update

Biofilter pH Probe: The pH probe started to send the wrong reading to scada and it was the temperature part of the probe that went bad but the probe needed to be replaced. A new probe was ordered from Thermal Process Systems and installed to fix the issue at a cost of \$1,085.

Sodium Bisulfite Tank: The tank meter for Bisulfite started to drift in February then in March, it decided to stop working all together. So, we replaced the old ultrasonic sensor with a new Vega radar meter and controller at a cost of \$2,016 from Enpro Incorporated.

Process Return Pump #3: The new 8" Fairbanks Morse pump that was ordered in December 2024 arrived in late April and is in the process of being installed by Maintenance.

Water Champ Rail System: Water Champ #1 had been stuck on the rail system for a couple months and we were unable to do preventative maintenance on it. The maintenance team got it freed up and out of the system to repair our existing pivot bracket. We also ordered spare pivot brackets for both water champs from Peterson and Matz at a cost of \$2,820. We got a quote from Crane Engineering of \$26,040 to bypass pump and repair our issue with the rail system which we will no longer need to do.

Updates on Projects

HVAC Control Program Upgrade: Our new HVAC control system has been operating since early April and working good.

MCC Upgrade: Solids, Biostyr Blower, Peakflow Pump and Headworks Building are all completed at this time and we will be moving on to Electrical/Blower Building.

Sodium Hypochlorite Ventilation Upgrade: Baumgart Mechanical has ordered the equipment and will start onsite work at the end of May.

Dustin Jerabek

Director of Operations & Maintenance