Operations Update

Plant operations and treatment were good during the month of May. The disc filters were in operation continuously throughout the month without chemicals and the disinfection season has been going well so far. We discharged almost all of our effluent to the river with the power plant on a shutdown for maintenance so more bisulfite was used than normal.

Maintenance Update

Biostyr Blower #6: The blower failed almost daily on discharge pressure sensor so a new pressure sensor was ordered from Aerzen for $730 and installed to correct the issue.

Biostyr Blower #8: We have had to add oil a few times to this blower earlier this year and from past experience with this blower losing oil means that the oil demister is going out. Before we have to take the blower out of service completely for oil loss, we ordered an oil demister to have on hand when it decides to dumps oil again from Aerzen for $2,708 so we can fix the issue quickly.

Digested Sludge Transfer Pump #2: The discharge pulsation dampener had a hole that corroded through it that started to leak. A new dampener was ordered from LW Allen at a cost of $1,972 and installed to fix the leak and get the pump back in service.

Meter Station #1: The signature meter at meter station #1 stopped recording rainfall data. The rain gauge and wire were tested and all worked as they should so we contacted Mulcahy Shaw for advice and they recommended replacing the case board in the signature meter so a new case board was ordered from Teledyne Isco at a cost of $1,132 and installed to fix the issue.

Process Return Pump #3: The new 8" Fairbanks Morse pump that was ordered in December 2024 arrived in late April and is fully installed and operating.

Updates on Projects

MCC Upgrade: Solids, Biostyr Blower, Peakflow Pump, Headworks and 70-MCC-1 are all completed at this time.

Sodium Hypochlorite Ventilation Upgrade: Baumgart Mechanical has received the equipment and will be starting work this week.

Dustin Jerabek
Director of Operations & Maintenance