

Operations Update

Plant Operations – Plant operations and treatment were good during the month of January.

Phosphorus Analyzer (Biostyr Effluent) – No update.

Maintenance Update

Bell & Gossett heat pumps – Recently replaced heat pumps 3 & 4 along with suction and discharge valves. The valves would not close properly when servicing the pumps and the pumps were 30+ years old, so rather than continue to replace parts on the pumps it was decided to replace the pumps.

ATAD Jet Mix Pumps – It has come time to replace or rebuild these pumps; every 3-4 years the Teflon seals start to wear out and bio-solids will start leaking out around the shaft, but this is not the reason for replacing. When the rotating assembly is pulled to replace these seals there is extreme wear on all the parts pertaining to the rotating assembly; Impeller, side plate, expeller, cover plate, seal kit, etc. As before with these rotating assemblies the cost of the purchase of the assemblies was a better option than ordering all the parts that were listed above. The total cost for two rotating assemblies \$123,144.74 plus shipping.

Commission approval requested to move forward with the replacement.

Kevin Skogman
Director of Operations & Maintenance