

Operations Update

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

Phosphorus Analyzer (Biostyr Effluent) – Nothing new to report since last month.

Maintenance Update

Micro Controller – Recently had the micro controller for the poly blend system in ACTI-FLO fail. The controller has been replaced at a cost of \$2800; this was a replacement budget item.

Check Valve (Turbine Pump #1) – A very vital part on the large check valve had broken. The air cushion to prevent the check valve from slamming and rattling the pipes had the connecting rod break. Replaced air cushion at a cost of \$6,650, replacement budget item.

ISO Ring Assembly ATAD Feed Pump #2 – The discharge pressure ring on the ATAD feed pump #2 was recently replaced due to the rubber becoming hard on the ring and keeping the pressure too high, causing the pump to not run. This pressure ring is to protect the pump in the event that the discharge pipe gets plugged or a valve is closed. Cost \$2,566. replacement budget item.

Laser Flow Meter Modems – Modems have been installed but unfortunately four of the ten modems weren't pushing data. After troubleshooting with Mulcahy Shaw and Teledyne Isco it was determined the modems weren't working correctly. The six that are working are currently sending data to the flowlink software at the plant. Next step will be setting up to go global so communities will be able to observe the flows at meter stations.

Rydlyme Biodegradable Descaler – Rydlyme cleaning of the struvite in the piping related to pumping the thickened bio-solids to the ATAD has been accomplished.

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