

Operations Update

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

Phosphorus Analyzer (Biostyr Effluent) – The phosphorus analyzer has been ordered for the effluent of the biostyr. Cost of the analyzer was \$24,000; it includes a self-priming pump, and 1 year reagent kit. This analyzer will enable the plant to gather the lows and peaks of effluent phosphorus 24 hours a day, 7 days a week. Plus it will help determine the chemical dosing for the new disc filters. This analyzer will be programed into the SCADA system and HACH WIMS to monitor and record data.

Maintenance Update

Vogelsang Pump Rebuild (ATAD feed pump) – After 10+ years it was time to rebuild this pump due to losing pumping capacity. Parts to rebuild came to \$7200. Last year the plant had rebuilt the other feed pump. The rebuilds had come under the replacement budget.

Laser Flow Meter Modems – Received the Flow-link Pro Software and modems to connect with the laser flow meters. Have also received the micro SIM cards. Mulcahy Shaw is scheduled to be on-site Monday, March 8th, to start the install.

Rydlyme Biodegradable Descaler – Recently purchased 660 gallons of Rydlyme to remove struvite buildup in the piping from the DAFT thickened wet well to the ATAD day tank, and from there to the ATAD. The struvite will build up to 3/8" in everything related to the piping; isolation valves, check valves, pressure rings, flow meters, etc. The plant will slowly circulate the rydlyme through the piping and back to the day tank. Where it can't be circulated, the pipes will be filled and left overnight to dissolve struvite.

Kevin Skogman
Director of Operations & Maintenance