

Operations Update

Plant operations and treatment were great during the month of February with no major issues. Checkout and startup on the new equipment for the filters continued throughout the month.

Maintenance Update

Actiflo Train #2 Effluent Turbidity Meter: The turbidity meter on train #2 in Actiflo was blanking out and causing issues with automating the chemical system in Actiflo. The controller was replaced first at a cost of \$1,1614.24 but the sensors had never been updated since being installed in 2006 so they wouldn't work with the new controller. A new sensor was ordered and installed at a cost of \$4,430.30.

Biofilter Rock Media: Thermal Process Systems was onsite on February 21, 2024 to discuss our Haydite Stone issue along with the system as a whole. They reassured us that they are going to make this right and are working with their stone suppliers to do just that. They will be in our area again the week of March 18th and will be onsite for more testing of the biofilter system to improve the process going forward.

Disc Filter Final Sampler: As the construction continues on the disc filters, it was noticed that a new final sampler was not in the plans. A new Isco 5800 sampler was ordered in late January at a cost of \$9,123.00 and arrived at the plant on February 27th and will be ready for startup of the filters.

Post Atad #2 Jet Pump Discharge Valve: The 14" DeZurik valve started to leak on January 25th which forced us to shut down the tank mixing system until it was plugged or a new valve was installed. A new valve was ordered at a cost of \$5,465.00 but had a 2-4 week lead time, so the leak was plugged and the valve was put back in service until the new valve arrived. The new valve came in and was installed on February 15th.

Dustin Jerabek
Director of Operations & Maintenance