

Operations Update

Plant Operations – Treatment and operations continue to be doing well for the month of June. Had a few major rain events during the month, but no flow around secondary treatment to report.

Kaukauna Utilities – On June 14th we met with the Utility about power outages and where the substations are fed from. Our primary power comes from the Badger substation, that substation is fed from Forest Junction. The secondary source is fed from the Tobacnoir substation which is also fed from Forest Junction. In case of an outage there, Tobacnoir substation has an ATC loop which automatically switches to feed from the northwest. The outage in May could have just been a momentary outage which caused equipment to go down but not long enough for the secondary source to engage. The switch over to the secondary was checked manually by staff, also when the utility had a transformer blow at the Badger substation the secondary feed worked just fine.

Plant/Kruger SCADA Computers – Due to LW Allen's programming department running behind on a couple of projects, the installation of the SCADA computers is the week of July 24th. The ATAD programming changes will be accomplished during that time.

Maintenance Update

Polymer feed skids – After ten years of service out of the polymer feed pumps, they are getting worn out. Of the six pumps there are three pumps that will be getting new rotor and stators. Estimated cost for the repair items is about \$3600.

Mitsubishi Air Conditioning ACTI-FLO – The air conditioning unit for the MCC room has failed. Had it repaired and recharged just a few weeks ago but it has since failed again; now in the process of getting quotes on a new unit. This unit falls under the replacement budget which it was slated for possible replacement in 2018.

Process Return Pump Drives – The drives are now rescheduled to be replaced the week of July 11th also.

Bio-solids storage tank valves – Last commission meeting I mentioned bio-solids storage tank #1 had been emptied. While it was empty there were a few valves that were going to be replaced. The plug assemblies were replaced rather than the whole valve, due to the valve bodies and seats being in good shape. Also, we are in the process of mixing bio-solids storage tank #2 to empty into storage tank #1. Once emptied we will be inspecting and repairing any floor discrepancies and repairing one bad decant valve.

ACTI-FLO mixer shaft – Piping Services repaired the coagulation mixer shaft for the price that was quoted - \$650.00

Director of Operations and Maintenance
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