

Operations Update

Plant operations and treatment were good during the month of July. The strong storms of July 20th caused some power blips and a plant reset just before lunch and took out a few pieces of equipment including one of our Actiflo polymer makeup skids, Actiflo Peakflow Alum Pump HMI module and Peakflow Hypochlorite Pump HMI module. There was a delay with the rebuild of Actiflo Turbine pump #3 at the factory, they found the baseplate bent and had several bolts broken off in the threads during reassembly. A new plate is on order and they expect to have it completed in late August. Badger State Waste started hauling biosolids on July 29th.

Maintenance Update

Actiflo Influent Pump #3: The motor for Actiflo Turbine Pump #3 has been evaluated and rebuilt from L&S Electric at a cost of \$9,850. It will be ready when the pump is installed.

Actiflo MCC Room: The air conditioning mini split stopped cooling at the end of June during the hot streak of days. We had EC&D look at the unit and with the age of the unit it wasn't worth putting money into it so it was decided to replace it. A replacement was ordered and installed by EC&D at a price of \$12,768.

Biostyr Blower Building Air System: The air compressor skid caused two call-ins the week of July 13th and we tracked it to the air dryer that was blocking the air flow to the system. The air dryer was bypassed on the second call in and the problem was temporarily fixed. A new air dryer was ordered from Vacuum, Pump and Compressor and installed to permanently fix the issue at a cost of \$1,695.

Peakflow Pump #5: This pump was taken offline after the April high flows when it destroyed itself while pumping at max capacity for a few hours. We took it apart later in April to assess the damage and it was determined to be more cost effective to replace the whole rotating assembly then try to get parts to fix it. So, we purchased a full rotating assembly and installed it at a cost of \$53,684.

Tekleen Unit: The electronic backwash controller for the Tekleen unit has a counter screen on it and it stopped working and with the age of the controller, it was decided to replace the whole unit rather than trying to replace just the counter screen and board. The total cost for a new electronic controller was \$1,322.

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