

## Operations Update

Plant operations and treatment were outstanding during the month of March even with precipitation and higher flows that we had to deal with throughout the month. We are transitioning from ferric sulfate to alum in Actiflo since the disc filters will be using alum. It should help with water clarity and may have some cost savings as well. Filters will be started up and run through the wet checkouts and training starting the week of April 8<sup>th</sup> and continuing through the month of April.

## Maintenance Update

**Atad Blower #2:** Atad Blower #2 failed on March 1st causing our first call-in of the year and the unit was inoperable. The blower was taken out of service and sent to Aerzen to be inspected for rebuild or full replacement. Aerzen's inspection report stated that it isn't economically viable to repair our blower so a new GM35S blower was ordered at a cost of \$18,725.

**Atad Blower #1 VFD:** The VFD on Blower #1 would not turn back on after being taken down for maintenance. We took the VFD out and sent it off to Rockwell to be remanufactured at a cost of \$14,194.

**Bar Screen #1:** The E3+ on the MCC was failing at least once a day for a couple weeks causing issues for the operators during higher flows. All the electrical connections and motor were checked out by us and LW Allen. LW Allen was onsite for disc filter work but had extra time to replace the E3+ with an E300 to solve this problem. The total cost of the replacement was \$1,666.

**Biostyr Blower #3:** Biostyr Blower #3 had been leaking oil then started to turn the oil black. The oil was drained and metal shavings were found in it. The blower was taken out of service and replaced with the spare blower that we just got back from Aerzen. This blower was sent into Aerzen to be inspected for rebuild or full replacement. Aerzen has not come back with a report yet.

**Spent Backwash Pump #1:** The E3+ on the MCC was failing multiple times a day for quite some time. LW Allen was onsite for the filter project so we were able to take advantage of some of their down time and had them replace the E3+ with an E300 to solve this problem. The total cost of the replacement was \$1,565

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