

## **Operations Update**

Plant operations and treatment were good during the month of November with Biostyr performance still not back to normal. The disc filters were in operation continuously throughout the month and we ran chemicals the whole month to lower the total phosphorus and total suspended solids.

## **Maintenance Update**

**Atad Jet Pump #1 Motor:** The motor for Atad Jet Pump #1 was hitting max amps when running full speed and the VFD was ramping it down to keep it from faulting. The motor was also making significantly more noise than the motor for Jet Pump #2. A new motor was purchased from L&S Electric at a cost of \$12,738. The new motor has been installed and running much better. We may send the old motor in to get rebuilt to have a spare for these motors with their high importance.

**Disc Filter Parts:** Purchased 4 backwash pump screens to make changing screens an easier task with a complete extra set of screens for all disc filters. We also purchased 4 of each of the chemical cleaning nozzles to have some in stock when needed. These were purchased from Veolia at a cost of \$1,146.

**Storage Tank #2 Decant Valves:** The installation of the decant valves was completed by CR Meyer at a cost of \$9,000 instead of the \$12,921 that we were quoted. We will have some yard restoration in spring but the savings was nice to see and it was a good experience with a new contractor.

## **Updates on Projects**

**Biofilter Media:** We received 200 yards of wood media from Thermal Process Systems at no cost. We rented a telehandler from Weyers Equipment for \$443 and a larger telehandler from Dawes Crane for \$750 to install the wood media into the biofilter.

**MCC Upgrade:** All the buildings are completed. There is a short punch list to finish out this project. LW Allen will have someone onsite in December.

**Waste Tank Rehab:** The waste hauler tank is open for business.

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