

## **Operations Update**

Plant operations and treatment were good during the month of December with Biostyr treatment improving in the second half of the month. The disc filters were in operation continuously throughout the month and we ran chemicals up until December 18th to lower the total phosphorus. We get a much lower total suspended solids without running chemicals.

We are working with Aquachem on an H2S issue that we discovered when hauling biosolids last year. We deployed the odalogs in the DAF, day tank and storage tank #1 to get background H2S levels to find out what we are dealing with and how to treat it.

## **Maintenance Update**

**DAF Unit #1:** We had one of the bottom scrapers on DAF unit #1 break in half when it was in operation. The unit was taken offline, emptied, cleaned, and inspected. The broken scraper was removed and upon inspecting the other scraper flights, they were all found to be cracked. We worked with Piping Services to see if they could repair them but they said it would be better to just replace them. Piping services got us in contact with Brandt Manufacturing which provided us a quote for \$4,856.18 to replace all the scraper flights. The new scrapers are on order at this time.

**Meter Station #6:** The electric unit heater in this meter station stopped heating. We tried a different fan in it but it kept tripping the breaker so we ordered a new heater from Grainger at a cost of \$612 and installed it.

**Post Atad #1 Blower:** The ASG-200 controller on Post Atad Blower #1 started to show a low suction pressure that was causing an alarm on the controller and faulting the VFD. The controller was original to the blowers in 2008. The ASG-200 controller is obsolete so it will become harder to find these controllers. Aerzen provided a price of \$1,960 for the ASG-200 controller which we ordered and installed.

## **Updates on Projects**

**MCC Upgrade:** The punch list was completed in December and there are just power monitors to integrate into the program and this project should be completed.

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