

Director's Report

Maintenance—Keeping things Humming

SCCMUA maintenance staff has continued to stay busy due to the extensive amount of pump repairs and replacements completed this year. Some have been delayed due to delayed delivery dates from the manufacturers. Staff has worked through these issues by moving pumps and being diligent on maintenance requirement in an attempt to defer any issues that could arise. At the current point, 75% of pump repairs and replacements have been completed with a planned completion for the end of September.

Crews have also been working with contractors on LS 501. The work was completed the first week of September. SCCMUA crew will be in LS 501 to touch up existing maintenance items along with addressing the lack of adequate lighting. This will be a 2 - 3 day project as crews will be repurposing lighting from past upgrades with energy efficient LED fixtures.

Fleet maintenance is ramping up ahead

Administration

Staff has met with the new benefit representative for 44 North regarding the upcoming annual healthcare quotes. We anticipate receiving them in late September or early October. This will give ample time to review all possibilities.

A few staff members will be attending the annual MERS conference this year. This will be beneficial for staff to get information and knowledge on retirement plans and any possible changes MERS has implemented.

The dog park continues to be a hit with the surrounding communities, with no known issues as it relates to the leased grounds from SCCMUA. With its continued attraction, it is clear that we need to keep our East entrance closed to avoid confusion in parking and access to the park. There have been cases in the evening where the park parking lot is full and users have entered SCCMUA grounds via

of the fall and winter months. The two trucks approved for purchase earlier this year have an ETA of the first week of October.

Staff will be sending in at least one pump from the Sandhill pump station for a new mechanical seal and a check of other internal components. These pumps are original to the plant and have been rebuilt or serviced numerous times over the 37 year span in which they have operated. These pumps are in the LT CIP for replacement starting in 2023.

This summer, staff has painted and restored landscaping and the physical appurtenance of many liftstations in the system. This work was completed by a very helpful summer staff and we wish them the best as they have since returned back to school to begin their fall semesters.

the west gate to park and attempt to access the park.

The 2018 SCCMUA budget has been presented to the four municipality's boards. No concerns were raised to the Director during these meetings.

The SAW grant asset management final draft will be ready to submit prior to the October deadline. This process has been fairly lengthy and has had useful points. As an overall, the Asset Management plan will be usable and will put SCCMUA in a better spot moving into the future.

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Process—Making it Clean

All parameters of the NPDES permit were met.

Annual plant maintenance has and will be the focus until the end of the year. Staff was able to get the clear well drained and vacuumed clean. This is an annual need as the purpose of the clear well is to contain a volume of water to backwash the plant tertiary system. Over time, in the summer months due to warm weather and direct sun light, biomass will begin to grow and choke off the tank. This can also affect the filter system as this water is pumped back through the filters in a back wash cycle to remove the particles that have been trapped by the filter.

During the process of cleaning the clear well, the need to replace the suction side valve on our tertiary pumps has been identified. These pumps supply effluent water to different processes in the plant. SCCMUA uses effluent water to assist in chemical transport for Chlorine gas for disinfection and Sulfur Dioxide gas for dechlorinating. Cur-

rently, we are also using effluent to cool all the mechanical seals located in pumps throughout the plant. This has reignited conversations among the staff on switching seal water back to potable water from the plant well system. This would help with the longevity of seals as it is more consistent and cooler in nature.

RBC maintenance is in full stride with the chlorination process beginning on RBC train C-2. This will last approximately 3 weeks. The goal is to reach 15ppm of chlorine residual in the RBC tank for 2 weeks. All the air diffusers have been replaced in tank C-2 as well. Once the chlorination is complete, shaft work will be started.



Clear well cleaning

Inspections—The Scoop on the Poop

Shadybrook in DeWitt TWP. has completed phase 2 requirements. The new station is online and operating as designed. The new station is well designed with adequate space to complete the necessary O & M work in the future.

Plummer's Environmental has finished the planned TV/Clean for 2017 in DeWitt Twp, Watertown Twp, and the City of DeWitt. They also completed the 2016 work for DeWitt Twp. They will be returning soon to finish the 2017 work in Bath Twp. Thus far, there have been

minimal residential complaints, all of which have been satisfied on sight.

The LS 501 project has been finished with the paving completed during the Herbison Road project. Everything turned out well with minimal disruptions. The redesign of flow into the wet well has raised a few more odor issues which we are currently working to contain. This is most likely due to the placement of vent stacks and the lack of air movement. These issues are only exacerbated by the low flows experienced this

summer as it has continued to be very dry.

**Southern Clinton County Municipal Utilities
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"The Clean Water People"**

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