

# Director's Report

## Process—Making it Clean

All parameters of the NPDES permit were met except the ammonia limits in the monthly average.

Unfortunately, SCCMUA reported an ammonia exceedance per our NPDES permit limits. This put us over in our monthly reporting. We found a couple of issues: one was with our supernatant, the other was in one train in our RBC that was being over fed. We have made the proper adjustments and we have been maintaining close to the number needed. There will be more information needed if this continues to be an issue.

The RBC project has been slowed. We needed a few components made for the journal squirrel lathe we purchased earlier this year. Staff has continued to replace air valves and finish the lighting replacement in the RBC rooms.

The secondary clarifiers have been serviced with the usual failures including bearing failures and rope failures. These are inherent to the design of our clarifiers as the pivoting arm needs to conform to the side walls of the tank. These mechanisms allow the sweep arms to extend or retract from the primary sweep arms which are operated by a

weight and lever operation through ropes and pulleys. This is a necessary evil until the mechanisms are replaced and we can come up with a less mechanical design.



Clarifier Sweep Arms

**Southern Clinton  
County Municipal  
Utilities  
Authority**

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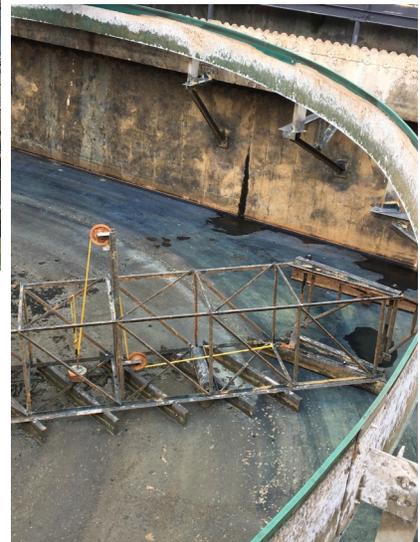
August 15, 2017

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## Administration

With the healthcare system ever changing, it is very difficult to keep up with all the changes and the time frames in which they need to be reported. During last year's renewal process, staff was not overly enthused with the information we were getting. This became very apparent when DeWitt Twp extended an invitation to attend a meeting with their healthcare committee. The information and different solutions presented from their benefit agent was impressive. At that point, we talked it over and decided we would ask for a presentation from different benefit representatives including the current representative. We ultimately looked at

benefit agents that other municipalities were using in the area, based on good reference reviews. After the three presentation, we chose 44 North as they had the most to offer and had great reviews from many local municipalities. We hope to develop a strong relationship with them to think "outside the box".

After a few challenges, the conference room and offices are now completed. The "vinyl wallcovering" was removed after almost 38 years. The walls were skim coated and then primed and painted. While staff had two weeks of bonding, they were all glad to be back in their offices!

## Maintenance—Keeping things Humming

Plant staff has revised the Vector spoils containment area to better contain and drain Vector spoils and debris. This work was necessary as the previous containment devices were made of wood and did not have the structural integrity needed for the continual dumping and removal.



With last month's flurry of repairs in Watertown, we hoped to have a slow-down in pump repairs. This has not been the case. We have begun the annual pump inspections and have identified two pumps in need of repair so far. These pumps are in Bath; one is a small grinder pump and the other is a larger ABS from station 211 in need of a lower seal. This pump was installed in 2009. This is slightly premature for a seal failure but it is not unheard of. We will have to monitor this pump in the future.

During our annual pump inspections we have a procedure that covers all the submersible pumps. This includes draining and replacing the oil or glycol which is inside the pump jacket to cool

and lubricate the seal and better transfer heat from the pump back to the water. The crews will also do electrical testing and compare data to the previous year's inspections to log any deviations.

Staff has been painting and cleaning many stations in the system to keep a good, functional appearance along with protecting the asset from future corrosion. This is being completed by a few of our summer help as we have a very good crew this year.

## Inspections—The Scoop on the Poop

Plummer's Environmental has been continually working on our collection system on the TV/clean schedule for 2016/2017. This project is 85% complete; the new data will be reviewed and uploaded into Lucy. Once the new data has been reviewed, updates will be made to CIP plans where necessary.

Manhole inspections on Clark Rd. have been completed ahead of next year's road construction. SCCMUA will be doing manhole inspections with corresponding road work, as roads in Michigan tend to be on revolving construction/ rehab plans.

The 501 project is nearly finished. The remaining items are internal scaffolding that had to be updated to perform proper maintenance on pump drive lines. The paving is yet to be finished as this will be tied in with the Herbison Rd. paving project to take advantage of quantity

savings. The LS 102 project is under way; the one piece HDPE wetwell was installed on 8-2-17. The new forcemain tie in and the tie to the existing system will be completed the first and second week in August.

The Quarry has completed installation of the remaining reaches per the approved site plan. Hidden Valley in Bath has also been completed and will be tested later this month.

LS 102 Wetwell installation



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