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Southern Clinton County Municipal Utilities Authority

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One pump was rebuilt due to a failed seal at LS 219 in Bath Twp. The motor was baked and a new seal was installed. This was put back into service in April.

The 2019 DeWitt Twp. rehab project is underway with the purchase of a new pump for station 105 on Boichot Rd. Additionally, new PLC's and radios are being installed and converted to a digital system for faster transmission of information which is less taxing on the system. At the end of 2019, we plan to have six stations switched over to the new digital system.

SCCMUA had a pipe failure in the primary sludge system that is piped through the plant. The piping was installed in the digester project and never had the proper restraint fittings installed. Luckily, it was found early, and the leak was minor and inside the building. A new restraint style adaptor was installed and the line was

put back in service.

In Watertown, a new pump was purchased and installed for LS 403 on Driftwood Dr as these pumps have been in service for 19 years and were showing their age.

The emergency lighting and arrow package for our combination sewer truck had failed. New LED emergency flashers were installed on all four corners and a new directional signal was also installed. It is essential to have effective lighting to warn drivers as the truck is typically in intersections and road right of ways at various times for the day and night.

A force main failure last month in Bath Twp yielded a long weekend for SCCMUA and 35 foot of new force main to repair the failed section.

Administration

The staff has worked through the budget and it is now ready to be presented at the committee level. The budget addresses the changes in MERS assumptions which have been lowered from 7.75% to 7.35%; the national average is 7.32% rate of return. The Department of Treasury has lowered their assumptions to 7.00%.

This will be what is now reported in the PA 202 Treasury report.

Phone bids have been received and not a moment too soon. Our system has failed multiple times in recent months and needs to be reset weekly at this

point. The new phone system will be E911 compliant which is a requirement for the end of 2019.

Multiple operators are taking their MDEQ wastewater certification exams next month. Ranging from class D through class B, we wish them the best of luck in this endeavor.

Last month, SCCMUA participated in the DeWitt Community Showcase which is always a great event. This year, things were no different. We met many new people and shared our information on "What not to Flush" as well

as getting our "Scrape the Plate" FOG program information to many attendees who were delighted with the effort.

In the next couple of months, SCCMUA will be participating in a couple of job/career fairs. We hope to not only educate participants about the water and wastewater industry, but also to include our informational pieces of what not to flush and FOG programs. This helps get our message to different audiences.

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Process—Making it Clean

All parameters of the NPDES permit were met.

The emergency generator transfer switch has arrived on site; the contractor is working to gather the necessary material to complete the job. There will be a little work to retrofit the new switch into the existing compartment. Temporary power will need to be run first to critical processes to effectively bypass the transfer switch to remove the old switch and install the new one.

In our Sandhill station located on the SCCMUA grounds, two pumps will need to have some work done once we get to dry weather. They are both currently operating as they should but one will need a new seal and the other will need the motor balanced. These things happen in time as they operate 24/7 in a rotation. The pumps are the original pumps to the

plant expansion in 1980, so they are in their 39th year of operation. This is due to good maintenance and effective repairs. These pumps are planned for replacement starting in 2023.

A pre-bid meeting was held on-site at SCCMUA for the upcoming roof project. Contractors were able to walk the project and ask questions of the engineers before the bid process to address any concerns they see. Bids are due on April 18th.

One of the larger projects staff had to unexpectedly tackle last month was a seal failure on one of our primary sludge pumps. This is an issue that must be handled promptly as the leakage makes a mess and can create hazards if not corrected. Due to the complicated style of pumps, this job is estimated

to take 30 hr. based on the manufacturer process. Our staff cut this down a bit, but it is still a lengthy process. The pump is back in operation with no leaks.

Staff is getting a jump on the annual P.M. work as they took advantage of a few decent days to switch over primary clarifiers. The annual P.M. work involves a rebuild of the sweep arm mechanism along with greasing and cleaning.

The corrosive atmosphere of our ferric room has yielded a change in materials in that location over the years. SCCMUA has moved to corrosive resistant materials. Last month, the water supply line in that room was replaced with the corrosive resistant pipe as the copper line was beginning to fail.

Inspections—The Scoop on the Poop

Miss Dig:

295 total Miss Dig requests

92 tickets needed to be marked

Inspection services: 10

Projects:

DeWitt Township

Crowner Farms III: Work has recommenced. Manhole vacuum testing remains to be completed.

DeWitt Crossing South: Work has begun. Contractor submittals are under review.

The 102 interceptor project is out for bid; this project will be ongoing for most of the summer and fall as it is a large project.

The first phase started last year and is in its final stages with final grade and seeding left to complete.

Bath Township

Chandler Lofts/NOCA: DEQ permit has been issued. A pre-construction meeting is being scheduled for mid-April. Work should commence shortly after that.

City Of DeWitt

Oaks IV: Revised drawings were recently submitted and are under review.

Wildflower Condos III: No change; the contractor has

completed punch list items. Still need to complete vacuum test on manholes and record drawings

Watertown Township

Lakeside: Phase 11 pipe is in. Manhole vacuum testing remains to be completed.

Clean and Televising: Review of 2018 televising continues. New and worsening defects have been identified and adjustments to the Long Term Improvement programs have been made. Modifications to the 2019 Cleaning and Televising plan have been completed.