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Southern Clinton County Municipal Utilities Authority

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Maintenance—Keeping Things Humming

Maintenance crews have been finishing projects before the fall weather settles in.

Station 402 is being upgraded with a couple of projects. The latest project is the installation of an emergency standby generator. A small pad and building were set to house the generator. This was the only station in Watertown Twp that didn't have a generator.

New impellers and wear plates were installed on pumps at stations 103, 108, and 106 in DeWitt Twp. These pumps were performing poorly. This increases the cost of operation and left them prone to plugging. New components were installed and the pumps have been put back in service. Additionally, a pump from station 113 was rebuilt by staff as a mechanical seal had failed.

At station 214 on Chandler Rd in Bath Twp, the pump upgrade has been completed. The pumps had a long lead time. This project was in conjunction with development to increase pumping capacity

at that station for the current growth being developed. At this point, the station is now pumping at its full design.

Easements are currently being maintained. DeWitt Twp is completed and most of Bath Twp. These easements preserve access to critical infrastructure that has to remain accessible for maintenance and emergencies.

Crews had to make a quick fix on the mudwell pumping system. The mudwell consists of two open tanks and two pumps which collect all of the used plant water and pumps it back to the Sandhill wetwell. A faulty switch caused the pumps not to start. This caused the mudwells to go to their overflow point which flows directly into Sandhill. The pumps at Sandhill can handle the flow, but it shocks the system as the mudwell takes all the backwash water at a rate of 1300 GPM. SCCMUA crews realized the problem and had things under control and fixed quickly.

Administration

The staff has met with our third-party agent for all of our health benefits on a couple of occasions. The healthcare environment changes as much as the stock market. Keeping up with cost changes and policy changes can be a task. We have been working with the agent to keep costs in check and to understand all possible solutions.

An RFP was sent out for banking services as the current provider will no longer have an office in the immediate area. It was

felt that this is an excellent time to see if we can get a better option while remaining local. The possibilities are being evaluated at this time and staff will report on the findings next month.

SCCMUA's newest full-time employee has made it through the 6-month probationary period. Mr. Arens has proven to be an excellent addition to the SCCMUA team with fresh ideas and a willingness to help attitude.

Staff completed a full

course of CPR training for both adult and child certification.

Director Gurski attended the bi-monthly meeting with MWEA's PFAS committee to discuss topics related to the PFAS initiative. This topic changes daily with new bills being introduced along with new science to better understand the issue. New testing methods are being developed as the EPA has yet to develop an approved method of testing this complicated matrix.

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Process—Making it Clean

All parameters of the NPDES permit were met.

There was a total of 1.44" of rainfall in August.

We have been busy prepping for the RBC removal, while still being focused on the RBC project. We pumped out and cleaned the tank, removing multiple loads of sediment with the Vactor truck. We have also redesigned the air header piping and brackets, making it easier for our staff to change out diffusers when needed. The contractor has started demo on the old RBC which has been a learning experience. This has been more difficult due to the weight of the media. Since the shaft was broke, we had little ability to effectively clean the biomass out of the RBC before removal.

We have serviced our East Secondary Clarifier and have that ready for use when needed. The number one pump at Sandhill will be coming out at the end of this month to have the seals replaced. The #2 motor at Sandhill has been running flawlessly since the new bearings and rebalance was completed.

We recently received our proficiency test results regarding the DMRQA 39 Study and all parameters were within an acceptable range. This is completed on an annual basis to compare our QAQC and analytics with other labs under the same conditions.

A couple of weeks ago, we had a group of kids and their

parents tour the facility. They wanted to get a better idea of how wastewater is treated for a competition they were participating in. They have to come up with a way to design a city 100 years from now and hoped that a tour of the facility would help them come up with a design.



Broken RBC Shaft

Inspections—The Scoop on the Poop

Miss Dig:

Miss Dig Requests: 560

Miss Digs Marked: 99

Inspection Services: 11

Projects:

DeWitt Township

Crowner Farms III: Cook Brothers continued work on the road. Manholes are being raised to the final grade. Manhole vacuum test to be completed once road asphalt is completed.

DeWitt Crossing South: Sanitary work has been completed. Testing will begin soon.

102 Interceptor: The first phase of the 102 project is finally complete with restoration completed

this week. Phase two is planned to start near the end of the month.

Bath Township

Meadowbrook West II: Sanitary sewer has been installed. Low air pressure and mandrel test have been completed and passed.

City Of DeWitt

Oaks IV: No change. Revised drawings where recently submitted and are under review.

Wildflower Condos III: No change, the contractor has completed punch list items. Still, need to complete a vacuum test on manholes and record drawings.

Wildflower Subdivision III: Sanitary sewer has been installed. Low air pressure and mandrel test have been completed and passed.

Watertown Township

Lakeside Phase 11: no change. A manhole vacuum test is the last test to be completed. Record drawings need to be submitted.