



December 17, 2019

## Southern Clinton County Municipal Utilities Authority

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### Maintenance—Keeping Things Humming

With the winter weather upon us, our maintenance activities switch to snow removal items. This year we had to purchase a new salt spreader for the back of our truck as the old one failed beyond repair. The new spreader will allow us to use bulk salt which will offer a significant savings over pelletized salt.

Vehicles have been serviced and are ready for winter. Our combination sewer truck was one of the vehicles. A few new lights were added for safety as the caution lighting had failed and is critical to that vehicle; it operates in high traffic areas frequently.

One of the large pumps from station 202 needed to be sent to a motor shop to have the control and power

cords replaced. This was due to an intermittent short caused by corrosion in the cord.



Brentwood System Pieces

pump maintenance more efficiently as we have been more active in submersible pump repair.

Project planning has begun for 2020 with Capital projects planned in DeWitt Twp. and Bath Twp. Some parts have been ordered for a pump rebuild in the City as well as one in Wassertown Twp.

Staff worked with Dukes root control on preventive maintenance items in the system. This is done to control roots that have penetrated the clay tiles.

Staff continues to innovate the space we have to be more efficient and make better use of areas inside the plant. Currently, staff is working on an area to do

### Administration

The economy has continued to drive development forward and many meetings and plans have been reviewed as the system continues to grow.

The Facilities Plan is moving forward with a kick-off meeting on December 17<sup>th</sup> at SCC-MUA. This meeting is to gather information and supporting documentation to cultivate the plan.

The roof replacement project has been completed and the testing was conducted. The manufacturer has provided the warranty documentation, and all punch list items are satisfied. This roof will be

energy efficient and offer long life and protect the building integrity.

Staff has begun using the Huntington Bank account. Positive Pay has been implemented with only a few minor glitches. The account at Mercantile Bank will be closed out when all outstanding items have cleared the bank.

The audit date has been set for February 3-5, 2020.

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## **Process—Making it Clean**

All parameters of the NPDES permit were met.

During the month of November, we recorded a total of 2.51" inches of rainfall.

We have completed the RBC-A1 train preventative maintenance work and are prepping to begin installation of the Brentwood Accufas System.

The Accufas system arrived on December 5<sup>th</sup> and 6<sup>th</sup> with most of the components contained in those shipments. The staff has begun the task of laying things out for installation.

The #2 Sandhill pump has been returned to us after having new seals installed and is in the process of being re-installed. We

had what is called Cartridge Mounted Seals installed instead of the original Double Mechanical Seal. This is also what we had installed in our #3 pump at Sandhill the last time that it was serviced and have had great luck with it so far. The seals are known for their longevity vs. the Double Mechanical Seals which generally only last a couple of years.

The mudwell pumps have been running without a hitch. The new valves and piping layout let us isolate and work on each pump while keeping the other pump in service. We did send a spare rotating assembly for our Gorman

Rupp T6 mudwell pump out to be rebuilt; that way, when the current one becomes worn out, we will have a rebuilt one ready to go in.

We have been in contact with Biotech Environmental regarding sludge hauling starting in 2020. They are excited and eager to work with us. We usually have our fall haul completed by now but with the amount of rain that we experienced in October, it didn't allow for them to access the fields for land application until later in November. They did some hauling the first week of December and then it rained again.

## **Inspections—The Scoop on the Poop**

### **Miss Dig:**

Miss Dig Requests: 269

Miss Digs Marked: 65

Inspection Services: 10

### **Projects:**

#### **DeWitt Township**

Crowner Farms III: Has been completed and recommended for acceptance. Manhole vacuum testing passed. Record drawings have been submitted, reviewed, and revised.

DeWitt Crossing South: All testing has been completed and passed. Waiting for record drawings.

102 Interceptor: project has started with dewatering wells installed and boring equipment arriving. Completion is scheduled early summer 2020.

#### **Bath Township**

Meadowbrook West II: Testing has been completed and passed. Waiting on record drawings and easements.

Whitehills Woods North: Contractor is getting ready to start. The existing stub has been televised.

Chandler Lofts/NOCA: All pipe has been completed. Waiting on record drawings and easements.

#### **City Of DeWitt**

Oaks IV: No change, testing has been completed and passed. Still waiting for record drawings. C2AE has sent a request to the engineer for record drawings.

Wildflower Condos III: No change; tests have been completed and passed. Still waiting for record drawings. C2AE has sent a request to the engineer for record drawings.

Wildflower Subdivision III: No change; tests have been completed and passed. Still waiting for record drawings. C2AE has sent a request to the engineer for record drawings.

DeWitt Senior Living: No change, the project is nearing completion. While the sanitary system will remain private, the system needed to pass SCCMUA testing requirements. All tests have been performed and passed. Waiting for record drawings.

#### **Watertown Township**

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