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Southern Clinton County Municipal Utilities Authority

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Maintenance—Keeping Things Humming

Our maintenance staff has been busy as the wet weather has continued, creating plugged pumps and a variety of other issues. The staff did a great job keeping things going with not a single call for sewer backups.

This weather has caused additional wear on pumps and electrical equipment. A pump at LS 114 in DeWitt Twp had to be repaired. Several other small stations with suction lift pumps required new impellers and a wear plate.

LS 105 was completely rehabbed by SCCMUA staff, which included a new pump and controls. This work also included the coating of the dry well to preserve the integrity of the structure.

Radio upgrades have continued in DeWitt Twp and it is working flawlessly. This is being done in coordination with SCCMUA staff and a contractor as part of the rehab plan started last year.

Generator work is nearly endless with two radiator failures in the last month. We have been able to locate a new supplier, which hand makes them for each unit at half the cost of the OEM and they are much more durable.

Several locations in the City of DeWitt had inflow sources that were located and sealed. On the 4th of July there was 1.4" of rain received at the plant in a very short period of

time and caused flooding on many City streets. SCCMUA staff monitored the situation to ensure no stations had problems.

With the wet weather, the staff has taken advantage of gaining knowledge of the system and where increased flows are observed. This helps when setting flow meters to track down illicit connections and inflow sources.



LS 208—BEFORE



LS 208—AFTER

Administration

The RBC failure has been taking a lot of time as we continue to find ways to cost-effectively handle the issue and keep moving forward.

A draft RFP has been completed for the D & P committee to consider for a firm to provide a facilities plan. This would look at all aspects of the process and assure we are not spending funds on assets which don't fit into the plan.

The LS 208 rehabs were managed by SCCMUA and finished under budget and on time. The rehab was a great example of SCCMUA working with the municipalities to find cost-effective solutions to maximize the dollars they have.

Director Gurski was able to attend MIC summit on asset management and long term planning. This was a great event bringing many folks

together both at the State and Local leadership levels.

Southern Clinton County
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Process—Making it Clean

All parameters of the NPDES permit were met.

As you know, the month of June was nothing but wet. We had multiple heavy rain events that ultimately left us with 7.39 inches of total rainfall for the month (notable heavy-hitters 6/1 gave us 1.77" 6/9 gave us 1.67," and 6/19 gave us 2.02"). These rain events wreaked havoc on the collection system and had staff working long hours to ensure things kept moving.

With all that flow comes some impact of pushing things a little harder. A day or two after one of the heavy rain events, our operations staff noticed that we were not producing as much grit as we usually would. After digging a little deeper, they found that the line that supply's the grit lift with air had become

plugged with grit. Using our portable jet rodder trailer, they were able to blow high-pressure water through the airline breaking the blockage free.

We are still working on the RBC project. We have moved our sights from the B1 train to the A1 train so that we can drain the train to get the broken RBC out of it. We prefer to only have one train down, especially with ammonia limits in place. We will kill two birds with one stone and work on the A1 train while it is

pumped out and remove the broken RBC at the same time.

We are also getting ready to have some work done on two of our pumps at Sandhill. One needs to be rebuilt and have a new seal put in it. The other has a vibration that appears to be coming from the motor. We are planning to have that taken to the motor shop to be checked. We have been waiting on the usual dry period of summer before we pull anything from Sandhill.



Inspections—The Scoop on the Poop

Miss Dig:

Miss Dig Requests: 568

Miss Digs Marked: 96

Inspection Services: 11

2018 to 2019 comparison for Miss Dig requests:

YTD 2018: 2,191 requests/507 marked

YTD 2019: 2,533 requests/560 marked

Projects:

DeWitt Township

Crowner Farms III: No change. Manhole vacuum testing remains to be completed.

DeWitt Crossing South: Work progresses slowly.

The 102 interceptor project is planned to start in the late summer as the long spring has put everything behind.

Bath Township

Chandler Lofts/NOCA: All pipe has been completed. Air testing has been completed. A preliminary mandrel test was performed and passed. Final testing to be completed early July.

Meadowbrook West II: Plans have been submitted and approved for the next phase. Work should begin soon.

City Of DeWitt

Oaks IV: No change. 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 a vacuum test on manholes and record drawings.

Wildflower Subdivision III: Plans have been approved. A pre-construction meeting is to be held mid-July.

Watertown Township

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