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Southern Clinton County Municipal Utilities Authority

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COVID-19 has changed our workday significantly. However, the staff has managed to stay safe and yet still be very productive with preventive maintenance and general housekeeping at the stations.

Staff was able to take parts from a couple of failed pumps and make one fully rebuilt pump for use at some of our smaller stations. This is very helpful as we have a handful of small stations that use these small pumps and are relatively unique and not easy to cross to other manufacturers. The ability of our staff to work together to produce a high-quality rebuild offers tremendous cost savings with additional flexibility and resources to be used in the collection system.

The DeWitt Twp rehab plan has been progressing. Equipment has been ordered but long lead times are now the norm as many facilities are working with limited capacity. We hope to have most of the equipment within a month or so to begin work once we get back to full staff.

A replacement pump was installed at station 304 in the City of DeWitt. The replaced pump was experiencing high amp conditions and needed to be rebuilt. It will be rebuilt by the SCCMUA staff.

At station 220 in Bath, one pump is being rebuilt by staff with a little help from the local motor shop which is rewinding the motor. Staff will reassemble with new parts and have it ready to go back in.

The third VFD has been installed at station 501 to offer more flexible pump rotation and an additional backup for normal operations.

Administration

COVID has changed how we do everything these days. Keeping up with new emergency orders, trying to procure the proper PPE, and keeping the day to day items progressing and functioning makes for interesting days and weeks. Staff is still pressing forward with business such as the budget, which will be ready to go to the committee soon. Although COVID has changed our workday, it has not altered our drive to continue moving forward and producing quality

data-driven information so we can do our best to stay ahead of the cumulative curve.

Contractors are being lined up to begin work on projects in the system as soon as it is deemed safe and practical. Projects in Wassertown, Bath, and DeWitt Township will be starting very shortly; equipment has been ordered and will progress when it comes in.

COVID has presented some challenges that our industry thought could not be previously accom-

plished. COVID demanded another strategy and pushed us outside of our collective comfort levels to do more with less. The staff has adapted very well and the lessons learned from this event will only allow us to be more efficient and effective in the future.

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Process—Making it Clean

All parameters of the NPDES permit were met.

Total precipitation for March totaled 2.53". Staff is prepping for another rehab project in the RBC'S; we will be machining and sleeving all stub ends of the RBC'S that require refinishing. Bearings and diffusers will be replaced as well as air header brackets and the occasional air header pipe that sometimes becomes damaged while in use.

Sandhill Lift Station has been running smoothly. We have received and put back into service our #3 motor and that has been running flawlessly. Next in line at Sandhill for a rebuild (as of now) is the #2 pump.

The staff has been working on our non-potable system, tank, and pumps. This system is in place to take over sending water throughout the plant when our effluent system is out of service. The staff is currently in the process of rebuilding a pump, replacing a valve, and doing a little fabricating to the tank itself.

The Brentwood system has been up and running for almost two months now and seems to be working great alongside the RBC'S. Although it is difficult at this time to honestly know how effective the Brentwood system is as there is only one in

the tank. We have taken samples in the beginning stages and the end stages of the A1 train where the Brentwood is installed and it has shown great treatability.

LED lighting has been installed throughout the plant; it not only gives off more light, but is helping out with energy costs. With the rebates being offered on the LED lights themselves, it was a no brainer that the initial upfront cost of the lights would quickly be paid back in the energy cost savings.

Inspections—The Scoop on the Poop

Miss Dig:

Miss Dig Requests: 331

Miss Digs Marked: 59

Inspection Services: 6

Projects:

DeWitt Township

Redwood Living: No change. Revised plans were submitted and reviewed. The plans met SCCMUA standards. Redwood Living is an apartment complex that will connect to the DeWitt Township system, but remain private.

Quarry Village: EGLLE has approved the plans and has issued a Part 41 permit. Quarry Village is a multifamily development that will connect to the DeWitt Township system, but remain private.

102 Interceptor: The work to install the new pipe for the

southern portions of DeWitt Township has continued with work completed from I-69 and into Clark Rd.

Bath Township

Meadowbrook West II: No change. Testing has been completed and passed. Waiting on record drawings and easements.

Webster Rd Extension: Pipe has been installed. Testing has been completed and passed. Video has been supplied and is under review. KEBS is working on record drawings.

Whitehills Woods North: No change. Testing to begin in April. The site was extremely wet but the contractor managed to get the pipe installed. The pipe has passed the low air pressure test.

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; testing has 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; testing has been completed and passed, still waiting for record drawings. C2AE has sent a request to the engineer for record drawings.

Watertown Township

Lakeside Phase 11: No change. Waiting for record drawings to be submitted.

Deer Creek III: EGLLE has approved the plans and has issued a Part 41 permit.