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Southern Clinton County Municipal Utilities Authority

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SCCMUA staff has continued to make up ground on time lost due to COVID. Our team has worked to get all of the rehabs that have been scheduled completed. Some recent projects have been approved by municipalities and have already been started.

Station 205 on Park Lake Rd in Bath is one of those projects that has begun to move forward. This station is a rehab with a new panel and all mechanical parts inside the wet well will be changed. SCCMUA crews will be completing much of this work in-house with some help from a local contractor. New valves have already been installed and the panel is under construction.

The staff has added some remote control functions at some of the more critical stations to help with emergency failure response. These changes allow staff to remotely log in and hand operate pumps in case of a failure.

Odor control is ever-evolving in the system; we have repurposed some existing media sites and are now constructing some new containers for a few of our more sensitive locations. These systems are inexpensive and have proven to be effective.

Our main crane truck used to pull pumps had a significant failure this month. Staff worked to locate parts that were available and had the crane rebuilt within a day.

Staff is also feeling the calendar crunch as this year is speeding by; weather dependent maintenance has been the recent drive to ensure all preventative maintenance on outdoor equipment is completed. This consists of generator maintenance and in-tank maintenance.

The mudwell building got a recent facelift. The mudwell building is a fiberglass structure which was beginning to show the affect of environmental exposure. Staff applied a protective coating which helps the structure not only match the other structures but also helps prolong the life of the structure.



Administration

SCCMUA is pushing ahead with EDA grant opportunities that are currently available. This opportunity will be used to fund necessary improvements in the headworks of the plant, which is now over 40 years old.

Final submittal for the PPE COVID grant is at the end of September.

This year we were lucky enough to have great seasonal employees return from the previous year. Many of

the tasks our crew had completed over the summer would not have been accomplished if it wasn't for the help of these two young professionals. SCCMUA would like to thank Alex George and Jericho Herblet and wish them the best in their future careers in the engineering fields.

The annual MERS conference, which SCCMUA typically sends two individuals to, will be held virtually this year. This will allow for more

attendees to participate in an a la carte fashion. SCCMUA will offer these sessions to staff to attend.

Southern Clinton County
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Process—Making it Clean

NPDES Permit: There was a NH₃ (ammonia) daily violation, but all other permit requirements were met.

Precipitation for August totaled 1.86".

The staff has been steadily keeping up on preventative maintenance work around the plant, recently servicing a secondary clarifier to be put back online as well as an emergency takedown of a primary clarifier. The Primary had both cables break, which in turn led to a jammed sludge collector. We're finding it beneficial to have both secondary clarifiers online. Not only does this help with the treatment process, but it also keeps critical mechanical and

structural components of the clarifiers submerged in water, lessening the chance for oxidation and corrosion.

A new Digester Sludge Recirculation Pump will be installed within the next week. The recirc pump that we will be taking out came from the Old Digester Basement roughly two years ago. We installed this pump as somewhat of a band-aid until we received our new pump (2 years ago). It pumped tremendously and gave us no issues at all. It exceeded our expectations and then some, but has now started to show its age.

We are in the last stages of the RBC Rehab Project. Air header

lines, diffusers, bracketry, valves, and most bearings have been installed. Not knowing 100%, we like to think the work our staff has completed with this RBC rehab project is a contributing factor to lighter RBC's in the winter months when our influent dips below 13 °C. Before the rehab, the RBC would always get very heavy during the cold months. The bearings on many of the shafts were severely worn making them more prone to shifting.

A sampling company working with Granger and Ramboll recently stopped out to collect their first set of three sets of samples located throughout various stages of the plant. They will be running analysis on all samples in hopes of identifying areas where PFAS treatment may be sufficient.

Inspections—The Scoop on the Poop

Miss Dig: (2020/2019)

Miss Dig Requests: 478/560

Miss Digs Marked: 98/99

Inspection Services: 10/11

Projects:

DeWitt Township

Redwood Living: Clearing operations have begun onsite. It is an apartment complex that will connect to DeWitt Twp system, but remain private.

Quarry Village: The first half of the sanitary sewer has been installed. Due to tight working conditions, the underground contractor is in the process of installing additional underground utilities in the first half of the project. This has allowed the building contractors to get started on the first buildings. Quarry Village is a multifamily development that will connect to the DeWitt Township system, but remain private.

102 Interceptor: The interceptor continues to inch forward to completion, but the water table has made the last 700 feet very difficult to complete. Weather pending, this should be complete by the middle of the month.

Bath Township

Meadowbrook West II: No change. Testing has been completed and passed. Record drawings have been submitted and are under review.

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

Whitehills Woods North: Testing is completed and passed, preliminary record drawings were submitted and comments returned to the engineer.

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: Testing has been completed and passed. Waiting for record drawings.