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Southern Clinton County Municipal Utilities Authority

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"The Clean Water People"

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Maintenance—Keeping Things Humming

The work at station 213 in Bath was completed this month. This process took some time as crews built and relocated the control panel and the generator; they were originally installed in a low spot where water could pool. The changes are more aesthetically pleasing and prevent safety issues from the moisture pooling.

The tractor and associated equipment were serviced and are now mid-way through easement clearing. This is an annual event to ensure access is maintained to our off-road sewer easements.

At station 103, a new motor base was fabricated; the previous base had corroded and bent and was beginning to cause premature belt failures and misalignments.

Some intense moments at station 401 in Watertown gave the crew some excitement this month. A plug had been causing issues for a few weeks off and on. However, crews could never fully access it or get it to a point to be removed. The larger plug finally broke free from the discharge valve, causing a few intense moments to

shut the valve.

Crews are now preparing the equipment for the colder months ahead and working on completing PM work on any external tanks before the freezing temps arrive in the next couple of months.



Administration

With the release of the CWSRF funding list for 2023 and SCCMUA falling in the fundable range, work has continued to ensure the necessary documents are in place to move forward with the project. This work has included the Authorities' Bond counsel and Financial Advisors.

Staff met with our engineers to review the proposed project as the design is nearly 100% complete. The review process will continue with contractors and vendors to ensure the most cost-effective approaches are taken and to avoid as much additional work as possible.

As 2022 is quickly headed to its final month's, staff has been working with our benefit reps on updated annual pricing for

the benefits provided by the Authority. All of our current benefits have been working well except our Dental insurance. This is not unique to SCCMUA but comes from the insurance provider. The staff has asked for other options to be priced related to the dental portion of our benefits package.



Process—Making it Clean

NPDES Permit: All permit requirements were met. Total precipitation for the month was 5.42".

Land application of biosolids will soon be underway. SCCMUA dewateres the sludge for roughly six months by way of gravity, allowing the sludge storage tanks to be filled multiple times before running out of room. Gravity dewatering is a simple process; as the sludge settles to the bottom of the tank, a greyish clear liquid known as supernatant stays at the top. The supernatant is then drawn off the tank and into the supernatant chamber by opening a valve, which is then pumped to the head of the plant to be treated.

The staff has been busy with scheduled preventative maintenance and the non-scheduled issues that pop up occasionally. As fall closes, we are finishing

up any of the schedulable outside tasks before the weather makes a turn. Staff will soon be taking the clear well out of service to perform its annual cleaning; during this same time, the team will be pulling any plant growth from our Cl2 contact chamber.

Staff installed muffler suppressors on all the air-actuated valves in the sludge pumping room; the muffler suppressors make a considerable difference to the noise reduction of these valves. Without these suppressors,

these valves are extremely loud when actuated. They can damage your ears without any earplug or earmuff and it is a night and day difference with the mufflers installed.

A few items looking forward will include SCCMUA annual sampling of plant effluent, influent, and Biosolids, IPP Inspections, annual sampling, RBC preventative maintenance, and servicing of both secondary and primary clarifiers.



Inspections—The Scoop on the Poop

Miss Dig Totals:

Miss Dig Requests: 330

Miss Digs Marked: 42

Inspection Services: 6

DeWitt Township master plan work continues. Staff has continued to gather requested information for the engineers.

Bath Township master plan work continues.

The staff has completed review of the cleaning and televising by Plummer's Environmental from 2021. Information from the televising will improve collection system management and repair decisions. Cleaning and televising maps have been supplied to Plummer's Environmental for this year.

Improvements to the GIS and Lucity databases have been on hold for the month. All of Bath Township and Watertown Township has been completed. DeWitt Township, ex-

cluding the 102 service area, is also complete. Work has begun on the City of DeWitt GIS. Some of the City of DeWitt record drawings do not contain profile views with elevations. Staff will need to go out to verify manhole and pipe elevations.

Thomas Farms: Work has been completed on Phase 1A and it passed all the testing. The engineer is working on record drawings. Phase 1B has been completed. Phase 1B mandrel and air tests have passed. The manhole vacuum testing has not gone well. The contractor is working to resolve the problem. The engineer is working on record drawings. Plans have been reviewed and approved for the next phase.