

Director's Report

Maintenance—Keeping Things Humming

Our seasonal staff has been performing the annual painting and cleaning at the lift stations. The staff works hard to maintain the appearance of the stations as many border resident's homes and property.

The 109 station rehab is well under way with a new pump base built and installed as well as new valves. This is all part of the station rehab plan for DeWitt Township.

A new control panel is near completion for LS 204 in Bath Twp. SCC-MUA staff members have built this to replace the original control panel. There is also a new pump to install at this station.

At LS 402 in Watertown Twp, SCC-MUA crews are installing a bypass in case of catastrophic pump failure. This will be time sensitive and needs proper planning as station 402 is critical to the Watertown system.

Annual maintenance has been completed on the Plant and Sandhill generators. A few service items have been noted with load banking planned for this fall. These two generators are oversized and tend to build up deposits if they are not running above 50 percent load. Load banking will be completed to help burn off the deposits and test the generators function under near full load conditions.

**Southern Clinton
County Municipal
Utilities
Authority**

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Administration

We now have two tablets operational that will be used for inputting data from our weekly station runs and inspections. This will eliminate duplicating efforts and allow our operators to visually see the station SCADA system while onsite as this as not possible before; validating operation and test function that are performed during the weekly station runs. We plan to monitor how the system works and work through any bugs that may arise. Once we get things perfected, we hope to expand the use of the tablets with the interface to our software programs generating less paper and increasing efficiency.

We would like to congratulate Jerad Wallen on passing the D wastewater certification exam. Jerad has been with SCCMUA a year and a half and has worked hard to get his license.

In June, I was able to attend the MWEA annual conference which is always informative. The industry is represented well from all areas of the state allowing everyone to collaborate on different topic and see new technologies being implemented in the industry. Sustainable infrastructure and facilities for the future are hot topics with a drive to be more efficient and sustainable utilizing energy created by the process of wastewater treatment. Most

of this is done by utilizing the current waste streams and extracting nutrients like struvite harvesting and algae extraction. Both can be harvested and sold to different markets for fertilizers or bioplastics. All very interesting topics on the forefront of our industry.

In June, Vern & I went to Bath Twp to set up the "obstacle course" of the plant process for Parks & Recreation. There were a number of children that attended who thoroughly enjoyed the course.



Process—Making it Clean

All parameters of the NPDES permit were met.

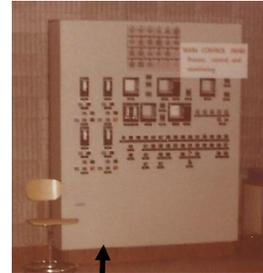
Plant preventive maintenance is a crucial part of SCCMUA daily work. Staff have dedicated items that need consistent monitoring. While these evaluations are brief in nature, they are critical. Operators see these pieces daily and can easily identify an issues using sight, smell, or sound. This is beneficial, as most issues can be repaired or replaced before a critical failure. Part of the operator's duties also include the proper greasing and cleaning of the equipment to help each piece meet the expected performance criteria. Many of our maintenances items our found in this manner.

RBC striping is in its final stages. Chlorine levels have been maintained to get sufficient removal of the old biomass. We have not seen

any negative impacts from this process and this is the third year we have done the process since beginning the RBC rehab project. Once we have reached the end of the two-week period of chlorinated stripping, we will allow chlorine levels to drop and begin pumping out the tank once again. The first tank cleaning is time consuming and labor intensive. Crews scraped solids out of the bottom of the tank and the solids are then vacuumed out using our combination sewer truck.

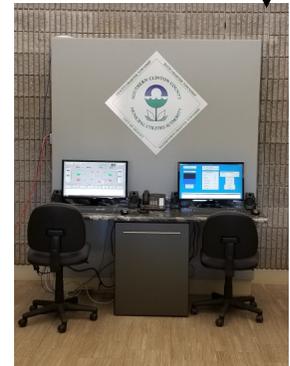
PFAS reporting has continued to evolve and SCCMUA has been in consistent contact with the DEQ. During these conversation, SCCMUA has agreed to provide two interim reports - one that conformed to the DEQ's original time line and one that is compliant to the terms agreed upon in the modified plan. The first interim report

has been submitted with no concerns of PFAS related discharges for John Henry found based on SDS sheet information. We will be waiting for information from the landfill sampling at which time that information will be include in the second interim report.



1980 Adcor Panel

Updated Panel



Inspections—The Scoop on the Poop

The Quarry in DeWitt Twp. has completed its last lateral. Two laterals had to be adjusted due to storm piping at the same elevation. Testing has not started on the last phase.

Crowner Farms II in DeWitt Twp was televised and reviewed. They still need to complete manhole vacuum testing. We are also waiting on record drawings.

The Chandler Lofts in Bath Twp. design for the latest development is moving forward. Development was slowed while the engineer and contractor developed a plan for crossing Chandler Road. Force mains for lift stations 215 and 221 had to be

exposed to determine a bore pit location. Revised plans have been submitted.

Oaks IV in The City of DeWitt has completed vacuum testing on manholes. Currently, we are waiting for record drawings.

In Watertown Twp. the Lakeside developer is moving forward with plans to complete phases that were started but never finished. Manholes on Presidents Way have been inspected. We are waiting for record drawings. Work on Stillbrook should be starting soon.

Staff is reviewing the data from Bath Twp's SAW grant data and

videos to develop a comprehensive repair plan.

Plummer's Environmental will be starting the annual TV/clean work in September.

SCCMUA has had 521 Miss Dig request with 94 that needed to be staked in June. There were 14 sewer inspection completed over the same period of time.

In Bath a new 203 lift station is under construction. This is a large project which and will incorporate in-line equalization to assist in retaining flows during high flow events.

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"The Clean Water People"

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