

# Director's Report

## Process—Making it Clean

There were not any NPDES violations this month.

The annual preventive maintenance is in full swing at the plant. We have begun draining and inspecting the clarifiers. This is necessary to inspect the moving parts under the water line. These components need to be repaired or replaced every year. This is also the time we inspect the concrete tanks and components inside the structures (primary and secondary mechanisms).

We have increased our storage abilities by installing used shelving that was purchased from a local metal recycling facility. This shelving was very inexpensive and has allowed us to use vertical storage room that was otherwise wasted space. This will also aid in our ability to respond to tasks more efficiently by having necessary equipment packaged together and on pallets to grab when needed.

## Administration

SCCMUA has received the 2016 MERS actuarial. Staff has brainstormed scenarios to address the upswing in cost for MERS as changes in assumptions have impacted funding levels. With many investment based plans, the end target is continually moving so the answers are not as simple as it may seem.

The insurance renewal process has been completed and with this, a few questions were raised regarding who is responsible for insurance on the lift stations; these were relayed to the insurance provider. MMRMA felt that the Authority did not have an insurable interest in the lift stations and the current coverage was for liability while doing work at the stations. Most of the stations were found to be double covered by SCCMUA and the municipalities.

We will be interviewing Benefit Insurance agents in the near future. We have had the same agent for a number of

The Dog Park is officially open and operating. There has been a steady stream of community members using the facilities. There is no doubt it will be used to its highest potential. There have been no issues that we are aware of. We have kept the East gate closed with a sign asking visitors to use the west gate.

The SCADA improvements have continued to progress; the programming is nearly completed. This process takes some time, as the existing program was rebuilt using updated software. As the install takes place, there will likely be a few bugs to work out and changes to be made. This was anticipated, as many different programmers have edited the existing software programs over past years.

years and want to make sure that we are getting the best service for both our employees and the Authority. I will provide updates as the process continues.

The front walk flower beds have been revamped. The ornamental grasses will provide an attractive but less labor intensive approach to the facility. Prior to the rehab, we had visitors. These visitors were rescued from the chlorine contact basin several times!

**Southern Clinton  
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## Maintenance—Keeping things Humming

With the great weather we have crews repairing and cleaning the lift stations and surrounding landscape. Our seasonal help is painting and landscaping both at the stations and the plant. It is important to maintain these areas. It not only adds to the visual appeal, as most stations are located in residential areas, it also impacts employee safety. Proper landscaping allows them to access panels and wet/dry wells without over grown vegetation causing a trip or fall hazard.

The rehab at LS 501 is in full swing and should be complete near the end of June. The mechanical work, replacing a few valves and installing a bypass, were completed the second week of June. A flow meter was also installed to better monitor the flows and pump performance. A new 24" line was installed from the Herbison Rd. manhole to the wet well. There was also a new line from the south (from the 102 interceptor) installed to better direct the flow into the wet well and avoid a bottleneck from the Herbison Rd. flows. This line was upsized to 30" to plan for future upsizing of the interceptor. The

other portion of this project is the replacement of LS 102. The new forcemain for LS 102 is already installed and passed required testing. The station will be installed in July.

We have had a couple analog radios fail in the system over the past year. We have begun to replace these units with the Motorola Ace units. With 50 lift stations and growing, it is very difficult to switch to another provider as the entire system would need to stay online and/or all would need to be switched. The most cost effective solution is to stay with the Motorola brand and begin to switch to digital operation which takes much less time to communicate the needed information.

In Bath, SCCMUA crews have replaced concrete pads for control panels. The panels were beginning to show damage related to the concrete issues. We have continued to monitor odor and H2S levels in Bath and have continued to see good results from the introduction of calcium nitrate in different locations throughout the system.

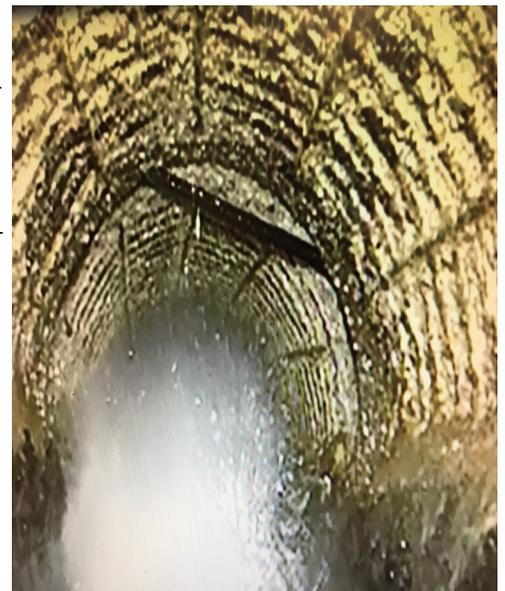
I am very happy to report the Ann Dr. collapse has been successfully completed. The road has been paved and a cured in place liner has been installed in the line to protect the integrity of the pipe well into the future. This comes with great relief to both SCCMUA and Bath Twp. as the condition of the pipe was very poor. The total cost of the repair will be nearly \$220,000, a very large number with the largest percentage of cost being in bypass pumping. This was not overlooked, unfortunately in an emergency situation there are not many contractors that can provide services in 4 hours or less. Also, other situations due to the extreme wet weather had SCCMUA manpower stretched, requiring contractors to provide a limited amount of additional manpower to operate the bypass. This emphasizes the importance of gathering data on the system and being able to make the appropriate repairs before a catastrophic failure happens.

## Inspections—The Scoop on the Poop

Plumbers Environmental has been working on our collection system TV/clean schedule for 2016/2017. They have made great strides while the weather has been cooperative. We have had only minor issues with this, ie: pulling water from traps and bubbling toilets. Every precaution is taken to avoid these issues. Variables, such as plumbing issues in the residents system, have an effect on traps and bubbling toilets.

In Dewitt Twp., the Shadybrook extension has continued with the installation of the needed utilities. This includes a new lift station and forcemain. The forcemain has been installed and tested to SCCMUA specification.

Ann Drive Pipe prior to repair



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Authority  
"The Clean Water People"**

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