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Southern Clinton County Municipal Utilities Authority

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Southern Clinton County Municipal Utilities Authority
"The Clean Water People"

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Maintenance—Keeping Things Humming

Maintenance crews finished the LS 205 project with the last few punch list items. Most of this was control and electrical related. The station is working flawlessly and the project was a success for our crew.

SCCMUA worked with the City to replace the pumps at its largest station. All other components are in good working order and did not need replacements. However, the pumps had a unique sizing, which SCCMUA did not have a backup for. Those pumps were just over 20 years old and have operated well, but were near the end of their operational life. SCCMUA worked with a vendor to supply pumps which will significantly reduced the operating cost and had a slight increase in pumping. Pumping efficiency and technology has moved a long way in the last ten years. We will be monitoring the savings over the next year.

We have taken advantage of the excellent weather and had crews out repairing and sealing manholes and castings in the service area. These are identified through our inspection process and prioritized for repair.

Administration

SCCMUA has been in contact with EDA representatives concerning our submittal for the EDA Cares Act funds for Plant improvements. Things continue to progress forward.

Granger and SCCMUA continue with their efforts to look at treatment options for future treatment. Another round of sampling has been conducted. Many entities are watching this process closely, as the in-

The 201-force main from Bath Twp travels over 21,000 feet and crosses under I-69. There is a noticeable belly under the expressway which causes sediment and solids to fall out due to the underperformance of station 201. SCCMUA crews worked in October to isolate the force main and jet under the expressway to help clean out some of the buildup. More work is needed, but small improvements were seen.

Also on the 201-force main, a new carbon ventilation system was installed at the discharge, which has a vortex manhole insert to remove H2S and add oxygen to the water as it enters the DeWitt Twp system. During this process, we noticed a flaw in the discharge structure. We will be addressing this once the ground freezes as the access is through a maintained yard.



Land Application

formation could benefit other discharges in the state. PFAS continues to be a hot button and SCCMUA participates in the meetings with MPART and MWRA on a bi-monthly basis.



Process—Making it Clean

NPDES Permit: All permit requirements were met. Total precipitation for the month was 2.75".

Biotech Environmental has hauled our sludge from both sludge storage tanks. The sludge was land applied to a couple of farm fields north of DeWitt.

The DMRQA Study 40 report has been submitted and completed; this report tests our lab practices for testing procedures, cleanliness, and accuracy. We run a single test for each parameter that we test for in our permit. While not knowing what each result is sup-

posed to be, there is an acceptable range we must report within. We are given testing directions for each parameter, then submit our results online, and are contacted a few weeks later to be notified where our results fell. All parameters were tested and approved.

A new rotating assembly was installed in the secondary sludge pump. This is monitored and replaced when the gallons per minute decrease below a certain threshold.

While the staff was investigating filter operation, a faulty check valve was found

and replaced on the surface wash pump, responsible for breaking the crust that forms on the filters while in service. This will help effectively backwash the filters moving forward.

The RBC project is complete! The B-1 train was completely overhauled, new bearings installed, shaft sleeves where needed, stainless bracketry for the air header system, new air header valves, and new diffusers throughout. We will be taking inventory of leftover supplies and coming up with a game plan for the next RBC train in line for service. After completing this work, the walkways were power washed to remove any contaminants left on the surface.

Inspections—The Scoop on the Poop

Miss Dig: (2020)

Miss Dig Requests: 402

Miss Digs Marked: 85

Inspection Services: 9

Projects:

DeWitt Township

Redwood Living: Work continues. Contractor has connected into the manhole on Clark. It is an apartment complex that will connect to the DeWitt Twp system, but remain private.

Quarry Village: Pipe installation has been completed. SCCMUA has received lead sheets for all the buildings. Quarry Village is a multifamily development that will connect to the DeWitt Township system, but remain private.

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, corrected record drawings were submitted and approved.

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.

