



November 16, 2021

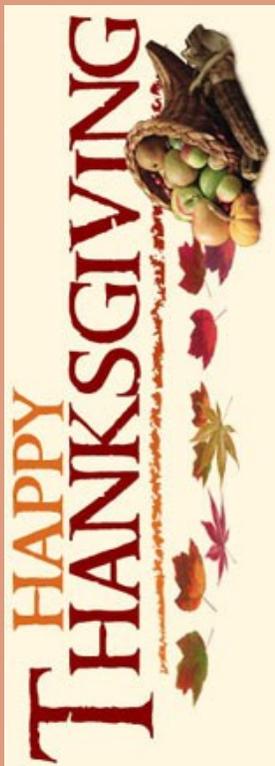
Southern Clinton County Municipal Utilities Authority

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

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Maintenance—Keeping Things Humming

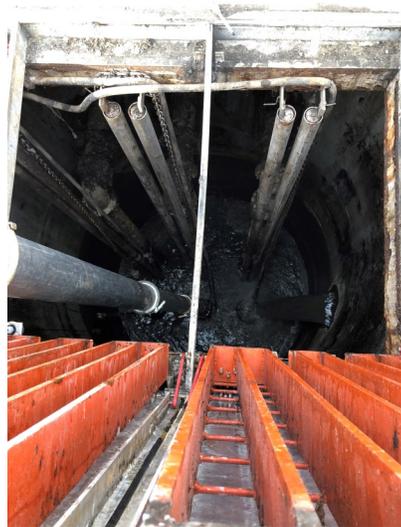
SCCMUA has slowly tested radar level sensors in some of our critical stations. Radar technology has been around for some time but has had its share of issues operating in wet wells. Technology has advanced making them economical. Testing indicates they require far less maintenance than our transducers used for level sensing. SCCMUA will continue to monitor and will slowly transition to these as

transducer failures happen.

Staff is preparing for a large project at LS 201 in Bath Twp and has done some testing to ensure a successful bypass. This project is intended to boost the capabilities of that station back to its design which was never achieved. In addition to increasing capabilities, it will also offer additional redundancy to that station as the pump being removed will be rehabbed and be used as a backup.

Generator maintenance is nearing completion. This is necessary before the cold months of the year to ensure the continued operation of this equipment during the frigid months of the year.

An unfortunate accident that impacted station 401 in Watertown yielded quick emergency work by our crew and Consumers to reestablish gas service back to the standby generator. Although this work was unplanned, crews handled it quickly, avoiding any disruptions.



LS 201

Administration

A new operator has been hired. Frank Mendyck comes to SCCMUA with a tool and die background and various maintenance skills. We look forward to Frank joining the team.



The end of the year is renewal time for healthcare and benefits package. Staff received updated quotes to ensure SCCMUA is getting the best possible price and still providing significant benefits to our team. This year very minimal changes were presented, which came with some relief.



Process—Making it Clean

NPDES Permit: All permit requirements were met. Total precipitation for the month was 5.55".

The City of East Lansing will be taking roughly 100,000 gallons of seed sludge from our East Digester to help bring their new digester online. BioTech will be providing the pump and tractor-trailers for the sludge hauling.

SCCMUA staff have been getting a few housecleaning items checked off the list. The staff has started power washing the front exterior of the building. While you tend to grow immune to the look of things over time, you never really notice the difference the cleaning makes until after it has been

done. The digester building has also been gone through and cleaned top to bottom.

The staff has started stripping the C-2 train in the RBC'S to begin the RBC project. We will try chlorinating the tanks a little differently this year as we are going to inject liquid Sodium Hypochlorite into the initial, middle, and end stages of the tank. This should minimize any safety concerns that come with the handling of Chlorine.

The staff made use of some decent weather and pumped out and cleaned our Clearwell tank. We make this an

annual cleaning and since have developed an efficient way to tackle this project. All algae growth is removed by hand and pumped out of the tank using the Vector truck. This keeps bulk algae growth to a minimum and the tank looking nice.

A technician from Gardner Denver has replaced the seals and bearings in all 3 RBC Blowers. This was essential as it has been roughly 10 to 15 years since this has been done and gives a little peace of mind that these blowers will run reliably until they are ready for replacement.

Inspections—The Scoop on the Poop

Miss Dig Totals:

Miss Dig Requests: 631

Miss Digs Marked: 119

Inspection Services: 11

Plummer's Environmental is cleaning and televising sections of sewer in all four municipalities. The completion date has been extended until the end of November. Once the videos are turned over to SCCMUA, staff will review and update repair plans as needed.

Plummer's Environmental is also installing spot patch repairs in DeWitt Township and the City of DeWitt. Numerous defects have been identified through the yearly maintenance program. Defects are prioritized by the severity of the defect and the overall impact to the system and municipal infrastructure. Spot repairs prolong the serviceable life of the reach and prevent costly replacement and disruption to the system and community.

The staff has been working to improve the GIS and Lucity databases. Missing and inaccurate information is being added and corrected. Accurate and complete data will help facilitate proper system modeling.

DeWitt Township

Thomas Farms: Sanitary sewer for phase 1A has been installed. Testing can begin mid to late December. Phase 1A will consist of 34 single-family units in the Northeast corner of the property. After much discussion and review, the sanitary sewer for this phase will connect into the 12" sanitary sewer in Clark Road. Phase 1B, which will consist of 18 condominium units, will be located to the West of phase 1A. Phase 1B will also connect to the Clark Road sewer. Plans are being completed for phase 1B, and construction should start yet this year.

Quarry Village: Waiting for the contractor to perform the last manhole test.

Bath Township

Webster Rd Extension: No change. KEBS is working on record drawings.

City Of DeWitt

Wildflower: Testing is completed and testing passed. Waiting for final record drawings.