



November 21, 2023

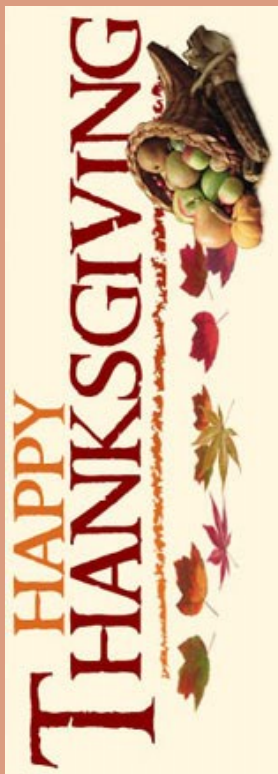
Southern Clinton County Municipal Utilities Authority

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

3671 W. Herbison Rd.
DeWitt, MI 48820
517-669-8311
www.sccmua.com
www.facebook.com/sccmua

Maintenance—Keeping Things Humming

All the parts and pieces for the LS 116 automatic transfer switch, generator boards, and wire arrived this month. The components have been installed and are being checked to ensure that nothing else was impacted by the malfunction of the switch. A lightning strike caused the damage and this was covered by insurance.

The number three pump at LS 504 had a seal go out. The pump has been brought back to our pump shop and is being rebuilt. As long as they have the pump apart, we decided to do a total rebuild, including seal, bearings, and O-rings. This prevents further damage if any components fail after the seal repair. Based on hours and time, these components were nearing the end of the life cycle.

The crew has completed the annual maintenance on all of the standby generators, with only the portable ones left to do. Our portables have been a blessing for many reasons as they offer backup to standby generators and allow for temporary service connections while other work is being completed with larger electrical motors.

Administration

The plant upgrades have kept us on our toes as we attempt to get everything in the ground before the weather makes it more complicated than it already is. The UV building has been tough and challenging, but the persistence has paid off and things are progressing as they should.

The team interviewed some great candidates for our Admin Supervisor job posting. It was refreshing to find candidates who appreciated the opportunity even more and wanted to be in public service and serve their communities.

The team will be working to start closing out the year and budget along with planning for next year and the 2025 budget.

Most of the annual easement clearing has been completed; we only have a few more that need to be done this year before the weather decides not to cooperate.

The crews have added a few more bubbler systems to problem areas in Bath to help with the H2S issues we are having in the area. This is a constant battle with a system with many pump stations. Unfortunately, no two years of flow are exactly the same, which also compounds the difficulty in pinning down solutions. This feels very much like weather forecasting.



This year, healthcare costs increased 12% from the previous renewal, which was not a significant surprise and was budgeted for. The team did evaluate other options related to healthcare as we strive to keep quality benefits for our staff yet be conservative with costs. The overall goal is to stay under the hard cap that the State of Michigan establishes.

Our operator position is still open as we have had a few candidates trickle in; we are hopeful to have enough qualified candidates to interview by the middle of December for a 2024 start.

Process—Making it Clean

NPDES Permit: All permit requirements were met. Total precipitation for the month was 4.81".

The plant project is moving along nicely. The vortex grit separator structure is complete and in place; excavation has started out front to prepare for the forming and pouring of concrete for the UV building and flow channels. Once this is completed and the weather turns, contractors will bring their work indoors to the tertiary filter area. They will complete any work possible without taking filters out of service.

The plant has been running smoothly with no significant hiccups. Secondary clarifiers have been serviced and placed in service for the upcoming winter months. The

east primary clarifier will soon be serviced and put into service, while the west primary will be serviced and on standby. The total flow for

the month was 75.06 million gallons, with 431,420 gallons of primary sludge pumped to the digesters for digestion.

Staff have been keeping up with routine maintenance and any little odds and ends that pop up. They have been rebuilding valves and rotating assemblies to place on the shelf for backups while going through and taking inventory of what and how much we have. They are also noting what we may need to add to the shelves for unknown situations down the road.

SCCMUA's annual sampling for all additional monitoring requirements was completed in October. This is required by permit and changes yearly per the NPDES permit. Additionally, all Significant Industrial Users (SIU) were inspected and sampled per their IPP permits during the month of October. The Industrial Pretreatment Program requires inspecting and testing of all Significant Industrial Users (SIU'S) annually.



Inspections—The Scoop on the Poop

Miss Dig Totals:

Miss Dig Requests: 370

Miss Digs Marked: 68

Inspection Services: 3

Projects:

Shadybrook phase III work continues. The contractor has completed all testing. Staff completed the inspection of the man-holes. The developer's engineer just completed the record drawings. Staff will be reviewing those soon.

Plummer's Environmental has completed this year's annual cleaning and televising. They delivered the video from the CCTV work. Staff will begin reviewing the videos this month. Data from the videos will be used to update capital improvements to the

system.

The major portion of the construction season is winding down. Staff has been diligently completing some last-minute large staking projects.

Staff continue to work with Prein and Newhof on the Bath Township Master Plan and the Webster Road Industrial Development.

The new camera has been put to good use. Staff has been using the camera to investigate numerous problem areas.