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Southern Clinton County Municipal Utilities Authority

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Authority
"The Clean Water People"

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Maintenance—Keeping Things Humming

Over the course of this maintenance period, the team addressed a variety of mechanical and electrical issues across multiple lift stations to ensure continued reliable operation. At LS 402, a failed voltage regulator board on the generator was identified and replaced, restoring proper generator performance. The team also replaced failed generator block heaters at LS 201 and LS 220 to maintain dependable cold weather starting.

Several lift stations experienced pump plugging issues, which were investigated and resolved. Pumps were successfully unplugged at LS 219, LS 214, LS 403, and LS 106, allowing normal pumping operations to resume. At LS 115, a faulty transducer was found and replaced to correct the level sensing and system feedback. A bad high-level float at LS 217 was also replaced to restore proper alarm and control functions.

Preventive maintenance tasks were completed as well, including cleaning and lubricating the

check valves at LS 117 to ensure smooth operation and reduce wear. At LS 501, the ozone generator was cleaned to improve the odor that was at the station.

At LS 102, the team installed a smaller pulley on one of the pumps as a trial in order to evaluate potential improvements in pumping capacity. The modification resulted in an increase in pumping performance, and additional adjustments are planned to safely achieve the maximum gallons per minute possible from the pumps.



Administration

As 2025 comes to a close, the team is completing work to close the 2025 fiscal year and prepare for the upcoming audit. This task is heavier for some than others, but our admin team is impacted and works to ensure all information is gathered and prepared for our auditors. Our audit is scheduled for the week of February 23rd.

As we wrap up 2025, the team is already beginning to prepare for the years ahead. Preparation, planning and information gathering has already begun so that we can start the budget process for 2027 as soon as the audit is complete. Some work has already been started, and the team aims to verify costs for long-term CIP items and plan for future projects.

The operating team has maintained 9 operators, which is currently working very well.

Our current staffing levels provide team members with varied experiences and additional cross-training opportunities. The team will continue to monitor staffing needs as we progress and become accustomed to the plant's new equipment requirements.



Process—Making it Clean

All treatment processes operated as designed during the month of December, and all NPDES parameters were met. Required sampling, monitoring, and reporting were completed on schedule, and no permit violations or compliance issues were observed. Total precipitation for the month measured 2.188 inches, and the plant successfully managed wet-weather flows without any negative impacts to treatment performance or effluent quality.

Despite the Christmas and New Year holidays and scheduled vacations by staff, the wastewater treatment plant continued to operate smoothly throughout the month. Adequate staffing coverage was maintained at all times. Operators worked together to ensure consistent monitoring of all treatment processes. Clear communication between team members helped maintain stable operations and allowed the team to quickly address any operational needs.

Staff remained active with daily operations and preventative maintenance activities. Routine inspections of pumps, blowers, and other mechanical equipment were performed, along with oil changes, greasing, belt inspections, and general equipment checks. These efforts help reduce the risk of unexpected equipment

failures and help to provide reliable plant operation.

Staff also pumped down one RBC train in order to replace air diffusers and perform detailed equipment inspections. This work provided an opportunity to closely evaluate equipment condition, address any maintenance needs, and ensure the system continues to operate efficiently. Completing this work proactively helps extend equipment life and improves overall treatment reliability.

Operators also focused on housekeeping and general grounds maintenance throughout the facility. Work areas were cleaned and organized, materials were properly stored, and routine winter-related tasks were completed. These efforts help maintain a safe working environment and keep the facility in good overall condition.

Overall, plant operations remained stable and compliant throughout the month of December. The flexibility and dedication of our staff allowed the facility to maintain high operational standards and the continuation of protecting public health and the environment even during the busy holiday season.

Inspections—The Scoop on the Poop

Miss Dig:

A total of 22 tickets were checked by staff during the month of December.

- 6 tickets required marking

Inspections:

8 household inspections were completed in the month of December.

- 7 new connections
- 1 repair

2025 Totals:

- 108 inspections
- 81 new connections
- 27 repairs and or disconnects.

2025 Inspection Breakdown by Area

Location	New Connections	Repairs
DeWitt Township	54	13
Bath Township	14	4
City of DeWitt	0	9
Watertown Twp	13	1

All inspection photos were uploaded into **Ziptility** to ensure comprehensive documentation and accurate recordkeeping.

While December is traditionally a slower month for inspections, our team focused on year-end projects which included uploading additional inspection photos and drawings into Ziptility, as well as snow removal activities.

CCTV Cleaning and Televising

- **Plummer's Environmental** completed the 2025 cleaning and televising program.
- SCCMUA staff identified **two problem areas** requiring extensive additional cleaning.
- Plummer's accommodated these areas by adding them to the existing schedule.
- All **12 spot repairs** were completed:
 - 7 in DeWitt Township
 - 3 in the City of DeWitt
 - 2 in Watertown Township

Development Coordination

- We continue to coordinate with developers on several active and proposed projects. During December, staff reviewed **revised development plans in DeWitt Township**, including evaluation of impacts related to future growth beyond the immediate development area.