

Maintenance Monthly Activity Report June 2026

Overall

Maintenance completed 804 work orders in June. We had a total of 2476.61 hours worked, 1392.51 proactive, and 1084.1 reactive. Of the 1084.1 reactive hours, 615.85 were part of the response to the June 17th storms and extended power outage.

Todd Speckman officially retires from the Sanitary District of Decatur this month after 30 years of dedicated service. Todd joined SDD in July of 1996. Throughout most of his career, Todd worked in the collection system, where he developed extensive knowledge and expertise. His commitment, experience, and contributions have been invaluable to SDD, and his knowledge of the collection system will be greatly missed. I appreciate Todd's years of service and wish him a long, happy, and well-deserved retirement.

The Solar Project remains tied up in the Ameren Interconnection Queue. We currently stand at 42nd in the queue (up from 43rd). Our next meeting with General Energy is scheduled for 7/24/26. General Energy filed a complaint with the Illinois Commerce Commission on 6/3/2026 and has not yet received a response from Ameren Illinois.

I&C and Maintenance Storm Recovery Activity 6/17/2026 Event

- Outside maintenance immediately dispatched generators to multiple stations that were experiencing outages. Staff members worked through the night to ensure that all stations were up and running/pumped down. This involved jockeying generators around town to pump down one station and move to the next. We had three generators in use in town and one in use at the main plant.
- I&C staff wired a generator into the AWC to get SCADA back up and running. This was a critical step as it reestablished our communication with the outside pump stations.
- During the storm, we had issues with our 203 (east headworks screening building) generator. Altorfer came onsite and was able to get the generator back in service.
- The 259 (RAS pump station basement) was completely flooded. Staff pumped the water out of the basement and washed down the floors/equipment.
- I&C staff began going through each piece of electrical equipment in the 259 basement to dry it out and make sure it was safe for operation.
- Maintenance staff removed 12 motors (10 RAS and 2 WAS) from 259, and they were sent to Bodine Electric for Rush repair.

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- Maintenance staff assisted Velocity (the pump rental division of Vandevanter Engineering) in setting up 3 large rental pumps to get the RAS system running. Pumps and 12-inch discharge piping had to be sourced from across the Midwest to obtain everything we needed to restore the RAS system to operation.
- The vent fan motors were removed and new were installed. New dehumidifiers were installed in the basement.
- Power was restored to the final clarifiers first so operations staff could start to remove solids from the tanks.
- Replaced two 259 seal water pumps with new. I&C staff dried out and verified proper operation of the seal water control panel.
- Replaced the submerged gas meters in 259.
- The oil was changed in all eleven final clarifier gearboxes, as they had been fully submerged and the gearbox breathers were underwater.
- I&C dried out all RAS and WAS motor disconnects. Replaced indicator lights, door switches, and push buttons as required. Prepped for the return of the repaired motors.
- Installed 12 motors (10 RAS and 2 WAS). Once wired by I&C, the system was put in manual operation initially with the rental pumps serving as backup.
- The RAS and WAS systems were placed back in automatic operation.
- Power was reestablished to all ground dewatering pumps.
- Three RAS pump bearings were compromised while submerged. We located and ordered the parts necessary to rebuild the pumps. Lead time for some of the parts is up to 20 weeks.
- A large amount of debris was washed into the system during the event and ended up at the 325 effluent pump station. Maintenance staff isolated and pumped down each channel to remove the debris.
- Outside maintenance staff assisted with scum well clean outs due to the large amount of debris in the system.
- Maintenance staff fueled the rental pumps and generators while they were in operation. We used approximately 300 gallons of diesel fuel per day while the rental pumps were in operation.
- The Buildings & Grounds crew removed a fallen tree and a second dead tree at the Hickory Point pump station. The fallen tree had damaged the exterior fencing and gutters at the pump station.

These bullet points list the major tasks that were completed to return to normal operation. We will be holding an incident response review to learn from the experience and improve for potential outages in the future.

Thank you to all staff members and vendors who assisted with the immediate response and recovery.

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Pictures are included below to show the overall scope of the event.



203 East Side Flooding – During 203 Generator Failure



Final Clarifier Flooding

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259 Basement Flooding



Temporary RAS Pump Setup

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Temporary RAS Piping – (3) 12-inch pipes



Temporary RAS System in operation – Approximately 14MGD

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The final group of rebuilt RAS motors repaired by Bodine Electric



Fencing Damage – Hickory Point Pump Station

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M.I.S. Department Monthly Update

- Network Administration, Helpdesk, Troubleshooting, and Repair
 - Ongoing network and user administration.
 - Worked with I&C to get SCADA back up and running following the power outages. Verify all network services were operating properly.

Table of Email Statistics

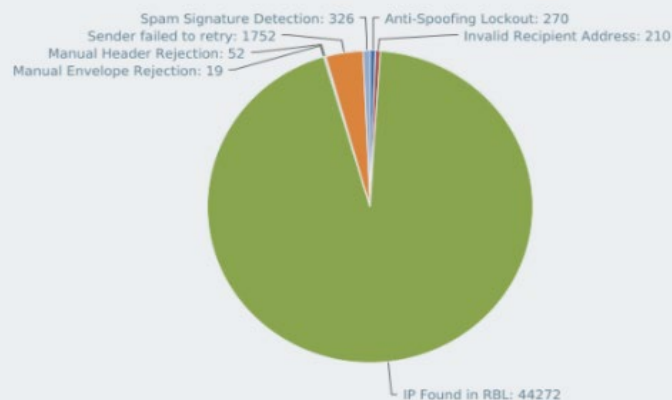
Email Statistics

Month-Year	Total Inbound Email	Rejections (includes viruses & spam)	Legit Inbound Email	% Rejections	Total Outbound Email	Total Internal Email
July - 2025	11,717	4,402	7,315	37.57 %	1,962	8,914
Aug - 2025	11,593	4,558	7,035	39.32 %	2,145	9,388
Sep - 2025	12,038	4,988	7,050	41.44 %	1,838	8,145
Oct - 2025	14,161	6,708	7,453	47.37 %	2,214	8,149
Nov - 2025	10,716	4,281	6,435	39.95 %	1,904	7,026
Dec - 2025	12,221	4,352	7,869	35.61 %	2,034	8,876
Jan - 2026	11,688	4,202	7,486	35.95 %	2,112	7,402
Feb - 2026	14,416	6,823	7,593	47.33 %	2,756	7,582
Mar - 2026	14,366	6,320	8,046	43.99 %	2,136	10,694
Apr - 2026	13,894	6,466	7,428	46.54 %	2,335	9,173
May - 2026	63,417	56,674	6,743	89.37 %	1,641	7,693
June - 2026	55,411	46,901	8,510	84.64 %	2,182	9,751
Total	245,638	156,675	88,963		25,259	102,793
Mean	20,469.83	13,056.25	7,413.58	49.09 %	2,104.92	8,566.08

Email Rejection Overview Chart

Rejection Overview

Total Rejection Count: 46901



If you have any questions or would like additional information about the maintenance department and our activities, feel free to contact me.

Thank you,
James Malone, CPMM
Phone: (217) 462-9402