

Maintenance Monthly Activity Report for October 2025

Overall

All replacement vehicles for the 25/26 fiscal year have been received, accessories have been installed, and they are now in service. We plan to purchase two trucks and one van in the next fiscal year. We also propose purchasing a new Bobcat and Safety Truck as part of next year's budget.

We plan to have a surplus equipment auction in the spring of 2026. We will have a dump truck, multiple vehicles, and various pieces of equipment to be included in the auction. This will also provide an opportunity to auction any unused furniture or equipment from the existing administration building when we move into the new building.

We are currently reviewing PM schedules across all buildings and adjusting them where needed. As part of this process, we're uploading O&M (Operations & Maintenance) manuals, photographing all assets, and verifying that nameplate data is accurately reflected in Beehive. Completed JSA (Job Safety Analysis) forms are also being incorporated into routine tasks.

Maintenance completed 596 work orders in September. We had a heavy concentration on projects, land app, and disinfection winterization. We had a total number of 1771.2 work hours reported. 1701.14 on proactive work and 70.06 on corrective/reactive work.

Congratulations to Robert Fleming on his completion of Phase 1B of the maintenance training Program.

Patrick Owens and Tyler Gillen attended Basic Instrumentation training at the Endress Hauser facility in Romeoville, IL. This training provides a good introduction to the installation, maintenance, and troubleshooting of all types of process instruments.

Due to the rising costs associated with hiring outside contractors to pump out and screen our digesters for maintenance, we have decided to invest in our own equipment and bring this work in-house. This will allow us to reduce long-term expenses, gain greater control over scheduling, and enhance our operational efficiency. The initial investment of \$36,025 for a bumper pull roll off trailer and \$20,000 for a 15-yard dewatering container is \$140,000 less than we were quoted for the digester cleaning as part of lid #1's replacement. We can then utilize the equipment for other purposes as needed.

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Information Systems and I&C Monthly Activity

- Working with MIS, Engineering, and Contractors on the new Administrative Workforce Center.
- Working with Farnsworth and Black and Veatch on the I&C scope of work for the new plant upgrades
- Updated and implemented the OSHA power cord and GFCI inspection program.
- PM and Corrective Work Orders
- Completed the setup and start-up of a new pump in WP (Well Point) 2.
- Completed the installation and start-up of the Lost Bridge flow meter.
- Pulled new wire and completed repairs to the lighting around the Wyckles storage lagoons.
- We are labeling all light switches and receptacles with breaker/circuit locations around the plant. We are starting in building 006 and 079.

Mechanical Maintenance Monthly Activity

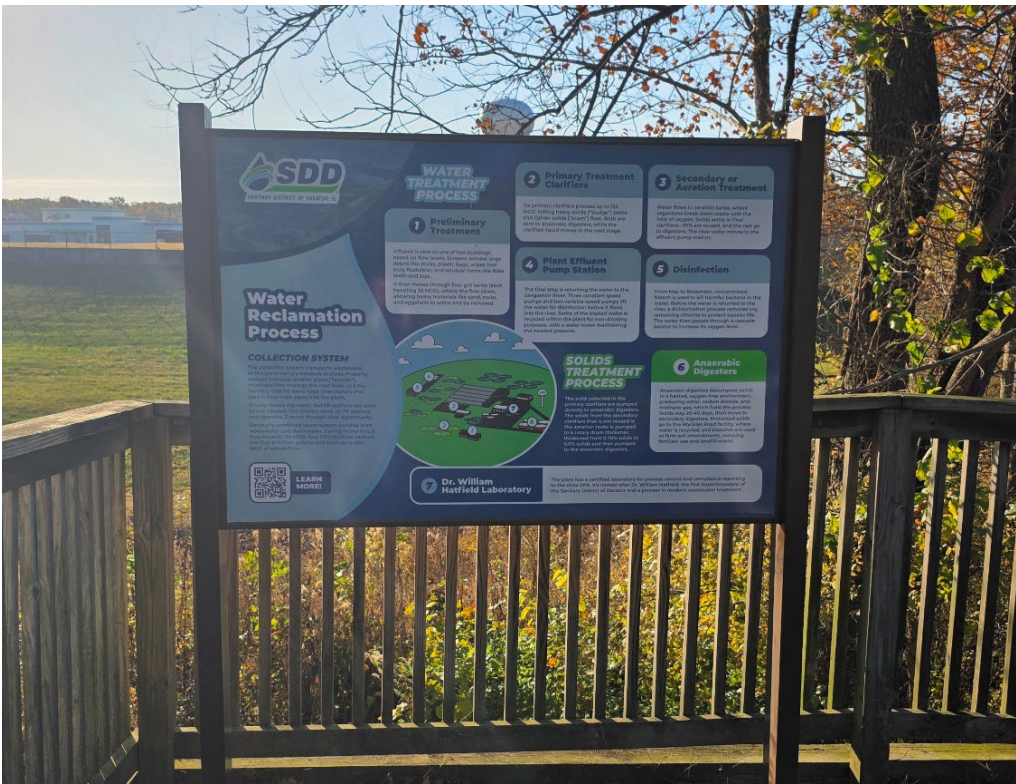
The mechanical maintenance group has completed or is working on the following:

- Preventive Maintenance Work Orders
- RAS pump #8 full rebuild was completed and the pump is in service. We now have all ten of the RAS pumps available for use by operations staff.
- Outside Maintenance and I&C staff worked diligently to keep all equipment running during land application season. The floating pump greatly reduced the amount of overtime required to maintain the level of the east lagoon.
- Maintenance staff took down and cleaned final clarifiers 10 and 12 so Plocher construction could get the necessary measurements to order the replacement mechanisms. Final clarifier #9 was taken down, and preventative maintenance was completed.
- The Buildings & Grounds crew continues to perform easement maintenance during the slower grass mowing season.
- Clean-up and painting of the control building at the 7th Ward was completed.
- The replacement dumpsters were painted and put into service at the Lincoln Park CSO facility.
- The Sanitary District recently completed an upgrade to the informational sign located near the bridge on the walking trail by Stephens Creek. The previous sign, installed after the last plant redesign, had become sun-faded and outdated. Pictures are included below for reference.

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Old Sign



New Sign – Installed 10/2025

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During a recent inspection of the Stevens Creek Trestle, we identified erosion around the trestle supports and adjacent bank. If left unaddressed, this deterioration could have compromised the structural integrity of the trestle. In response, staff completed repair work to stabilize the area and prevent further damage. The finished repair not only reinforces the trestle but also reflects the high quality of work performed. The accompanying photos show the condition before repair and the results after completion. Completing this work in-house saved both time and money over outsourcing the work.



Stevens Creek Trestle – Looking East – Before – Trestle supports at risk. No erosion control on the creek banks.



Stevens Creek Trestle – Looking West - After

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Stevens Creek Trestle – Looking North – Before – Erosion on trestle supports and fallen trees in the creek.



Stevens Creek Trestle – Looking South – After –

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Stevens Creek Trestle – Looking East – After

M.I.S. Department Monthly Update

- Network Administration, Helpdesk, Troubleshooting, and Repair
 - Ongoing network and user administration.
 - Validated and repaired issues with sending EFAX via the Fusion Portal
 - Ordered hardware for the new Administrative Workforce Center.

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Month-Year	Total Inbound Email	Rejections (includes viruses & spam)	Legit Inbound Email	% Rejections	Total Outbound Email	Total Internal Email
Nov - 2024	8,696	3,295	5,401	37.89 %	1,458	7,758
Dec - 2024	8,351	3,130	5,221	37.48 %	1,431	8,030
Jan - 2025	13,210	6,666	6,544	50.46 %	1,462	8,055
Feb - 2025	62,182	55,520	6,662	89.29 %	1,452	6,044
Mar - 2025	65,440	59,221	6,219	90.5 %	1,523	7,259
Apr - 2025	57,494	50,248	7,246	87.4 %	1,883	8,919
May - 2025	13,170	5,766	7,404	43.78 %	2,036	10,222
June - 2025	10,441	3,804	6,637	36.43 %	1,738	8,143
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
Total	288,493	208,306	80,187		21,142	99,026
Mean	24,041.08	17,358.83	6,682.25	53.24 %	1,761.83	8,252.17

Table of Email Statistics

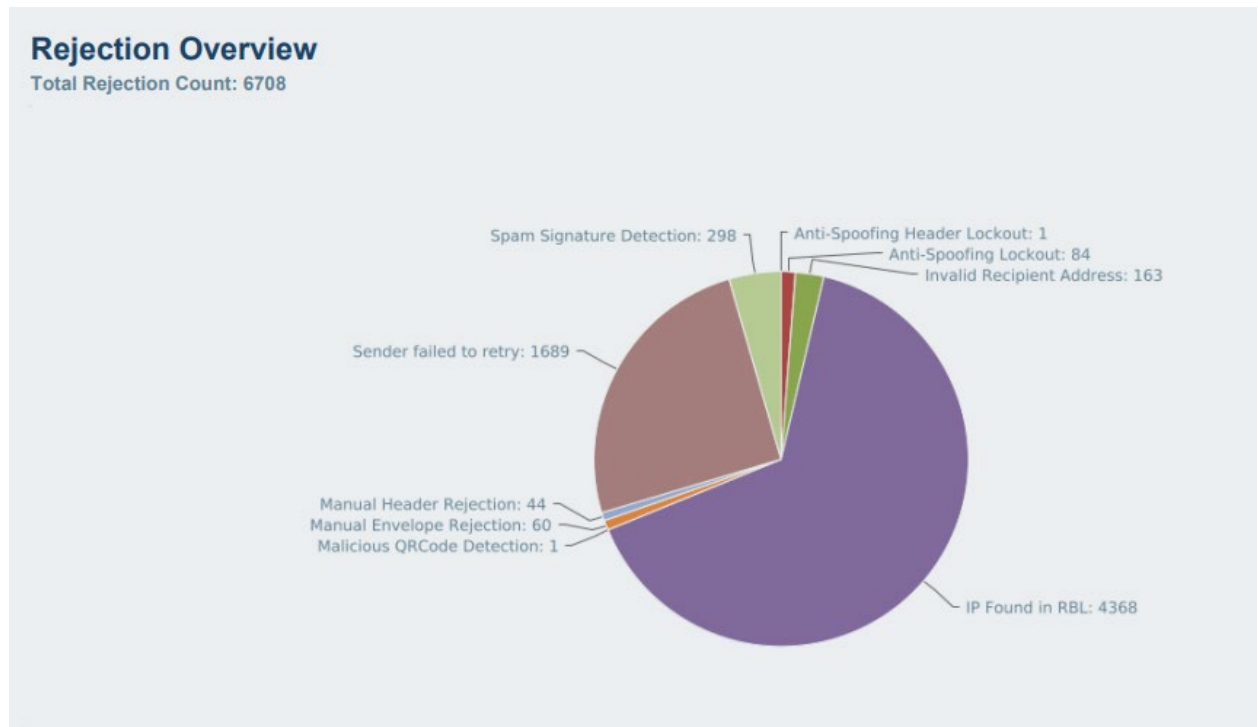


Chart of Rejection Overview

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