

Maintenance Monthly Activity Report for December 2024

Overall

We transferred a 4x4 truck to operations that should allow them to easily get around the plant in adverse weather conditions. We picked up the Ford F250 for the Buildings & Grounds crew and it is currently holding for accessories and logos to be installed to be put into service. The F550 will not be put into service until the crane service body is installed. We are working to finalize the details of the service body and installation with Morrow Brothers and Drake Scruggs. The F750 dump truck is still in the final assembly steps. We hope to have it delivered by the end of January.

This month, we welcomed Tyler Gillen as the newest member of the I&C group. Tyler has a wide range of experience that makes him a great fit for this position.

We would also like to welcome Michael Brandt as our new Painter. Michael has over 20 years of industrial painting experience and is a great addition to the maintenance group.

Congratulations to Zackary Byrne on the completion of Phase 1A of the maintenance training program.

The maintenance group finalized the priority list for upgrades, improvements, and repairs that need to be included in the 2025-2026 budget. Some priority areas will be valve repairs in the digester complex, Wyckles load stand improvements, and additional 259 pump station pump rebuilds. We are also finalizing staff training for the next fiscal year.

We are installing and adjusting signage to help visitors and material deliveries get to the right locations during the construction of the Administrative Workforce Center.

Information Systems and I&C Monthly Activity

- Pre-work on 325 plc upgrades
- Comparing phone systems for the new Administrative Workforce Center
- Working with I&C on the installation and configuration of Digital Paperless Chart recorders at the Major pump stations around town, Argenta and Oreana #1 are left to install
- Optimizing SCADA updates for outside pump stations, training Patrick Owens
- Preparing telemetry and the program for Premient flow monitoring, waiting for Premient to schedule
- Training Patrick Owens on Systems Integrator responsibilities, he completed the initial SCADA training webinar
- Beehive training

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- 259 magnetic flowmeter replacement. The quote walk-through will be held 1/16/24 and the quote opening will be 2/4. The work on this project will include the installation of the flow meter and replacement of 3 valves / 3 check valves.
- PMs and Corrective work orders.
- Fixing broken boxes and exposed wiring around the secondary aeration tanks
- Training Tyler Gillen
- Installed and tested the rebuilt emergency power breaker at the 325 building

Mechanical Maintenance Monthly Activity

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

- Preventive Maintenance Work Orders
- The Buildings & Grounds crew did a great job dealing with the heavy snow and drifting that occurred in early January. Operations staff and inside maintenance staff also assisted with spot shoveling and salt application. Thank you to all staff for keeping the plant as clear and safe as possible.
- The maintenance staff is working with operations to fill, mix, and pump out all the contents in primary digester #2. Primary Digester #2 will need the sump wells and ground reliefs repaired to be put back into service. Operations staff is performing the final pump down and maintenance will pull the door and pump out the bottom contents. The completion of this work will be weather dependent.
- The maintenance staff is cleaning out secondary digester #2 so we can inspect the lid. Blake is obtaining quotes from multiple vendors to assist with the final clean out of the secondary digester. This work should be completed in February 2025.
- The outside maintenance staff continues work as time allows on the installation of the new stainless steel guide rails and brackets at the St. Louis Bridge pump station. Due to the environment in the wet well, the old steel guide rails have degraded and required replacement. Once the installation has been completed at St. Louis Bridge, staff will move to the Finley Creek pump station to replace the guide rails and brackets. We are putting together budgetary numbers to add the replacement of the process piping at the two stations to the capital plan.
- The Sewer Cleaning Crew will begin our annual easement maintenance in early February. They will utilize a skid steer with a forestry cutter for the bulk of the maintenance. We will rent the skid steer through February and should have the required heavy clearing completed.
- Outside maintenance staff worked with engineering to coordinate start up and testing of the new Lost Bridge interceptor.

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M.I.S. Department Monthly Update

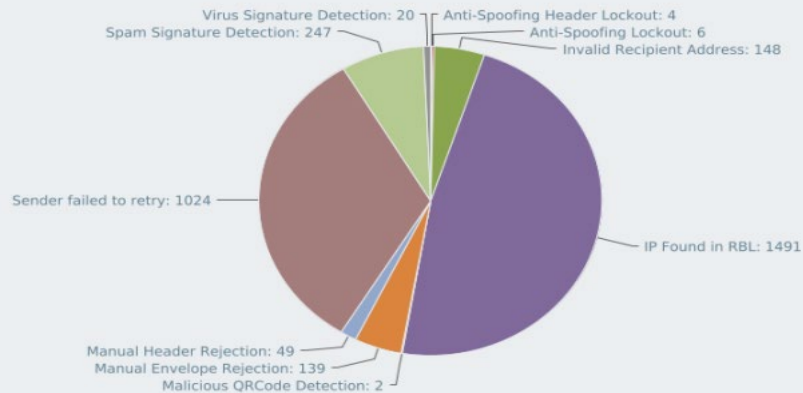
- Network Administration, Helpdesk, Troubleshooting and Repair
 - Ongoing network and user administration.
- Projects –
 - Replacing the camera for the new administrative workforce center.

Email Statistics

Month-Year	Total Inbound Email	Rejections (includes viruses & spam)	Legit Inbound Email	% Rejections	Total Outbound Email	Total Internal Email
Jan - 2024	9,548	3,911	5,637	40.96 %	1,718	7,259
Feb - 2024	39,413	34,586	4,827	87.75 %	1,638	7,532
Mar - 2024	24,332	19,956	4,376	82.02 %	1,385	14,699
Apr - 2024	8,734	3,010	5,724	34.46 %	1,727	8,589
May - 2024	8,684	3,191	5,493	36.75 %	1,630	8,510
June - 2024	8,200	3,159	5,041	38.52 %	1,270	9,596
July - 2024	8,315	2,541	5,774	30.56 %	1,333	10,525
Aug - 2024	8,465	2,903	5,562	34.29 %	1,316	8,228
Sep - 2024	8,905	3,001	5,904	33.7 %	1,705	7,832
Oct - 2024	9,445	2,941	6,504	31.14 %	1,862	8,293
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
Total	151,088	85,624	65,464		18,473	106,851
Mean	12,590.67	7,135.33	5,455.33	43.79 %	1,539.42	8,904.25

Rejection Overview

Total Rejection Count: 3130



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

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