

Maintenance Monthly Activity Report for January 2024

Overall

The motor control center replacement for the 054 Building was ordered after approval at the last board meeting. The motor control center has a lead time of approximately 35 weeks. We should receive final review drawings for approval in the next few weeks.

We currently have a Chevrolet Equinox, Ford Maverick, Ford F550, 2 Ford Transit Vans, and a F750 dump truck on order. After all the vehicles are received, we will schedule an auction to sell the vehicles that we are replacing.

All FEMA paperwork has been completed for the cost recovery for the Derecho storm response costs. Paperwork was submitted for two separate claims. The first claim was for the response (overtime labor, generators, and fuel) and the second claim is for the administrative costs for submitting all the required information to FEMA. We should receive \$27,705.68 for our initial claim and \$1,847.05 to cover the administrative costs associated with gathering all the data, writing the response narrative, attending meetings, and phone calls. Our project has now been fully approved and we should receive payment soon.

During attendance at the WWETT show in Indianapolis, we met a vendor that specializes in safety training and procedures for sewer cleaning / jetting crews. I am working with the vendor to set up on-site training for our staff. This training will cover entries, proper use / application of jetter heads, proper use / maintenance of inflatable line plugs, and other safety procedures.

Systems Integrator and I&C Monthly Activity

- Creating monthly spreadsheets for Black and Veatch Power BI with SCADA and Lab data
- Working with Farnsworth on the FRAC Tank project programming and High-Performance SCADA graphics
- Working with I&C on the installation and configuration of Digital Paperless Chart recorders at the Major pump stations around town
- Working with Gray Matter Systems on upgrading SCADA and Historian along with adding Proficy WebSpace for secure remote access
- Work on the 217 Classifier upgrade and PLC upgrades
 - Pre work on 217 classifier replacement plc panels
 - PM's
 - Working on flow meter reliability at the Digester complex
 - Setting up training with VEGA on radars

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- Setting up training for all I&C shop employees on ethernet communications for PLC networks:
 - Tanner and Kyle will be attending Ethernet Network Training the last week of September in St. Louis
 - Kyle will be attending Ethernet Network Training the last week of March in Rockford
 - Kelsey will be attending Instrumentation and Process Control training in Chicago in April.

Mechanical Maintenance Monthly Activity

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

- Preventive Maintenance Work Orders
- Digester Heat Exchanger PMs and Repairs
- Heat Exchanger #3 – Jarvis Boiler repaired a crack in the main fire tube and installed new refractory material around the main burner housing. Maintenance staff located the crack, drained the heat exchanger, disassembled the heat exchanger, and reassembled the heat exchanger so it could be put back into service.
- Work w/ Engineering and Ovivo on linear motion mixer #3 gearbox foaming issues. Ovivo will have a representative on site to install an expansion tank on the oil system and help to troubleshoot the foaming issue.
- Maintenance staff coordinated with operations to complete the isolation test of the 259 building in preparation for installation of the replacement main isolation valve. The isolation test went well, and we were able to isolate the system efficiently and completely. We will work with Burdick to get the installation of the new valve scheduled.
- The new Altoz tracked zero turn mower has been received. It should be a great piece of equipment to have in our fleet for slope mowing and general easement maintenance.
- David Cunningham is attending training and taking certification tests for renewal of his Commercial Pesticide Applicator and Right of Way Licensing. The training is held in Springfield on 2/14 and 2/15/24.
- The outside maintenance crew is performing line clearing utilizing a skid loader and forestry head. Pictures are included below of the recent work.

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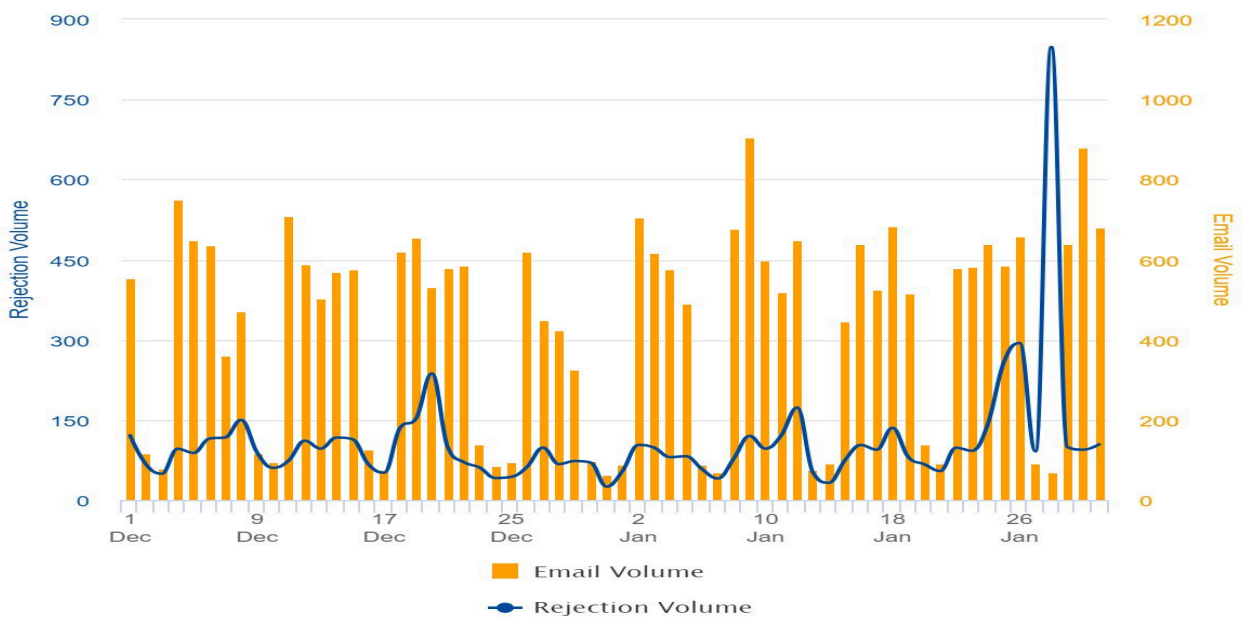


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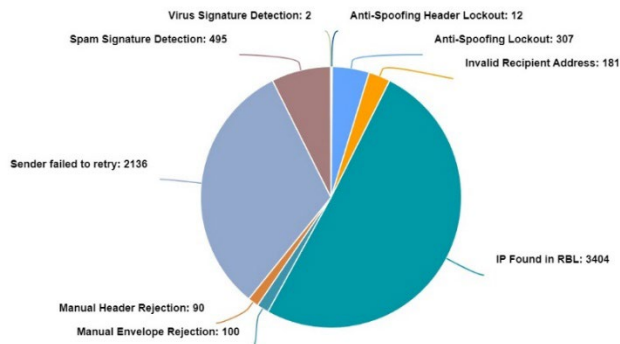
M.I.S. Department Monthly Update

- Network Administration, Helpdesk, Troubleshooting and Repair
 - Ongoing network administration.
 - Tablet Tech Support and Updates for Beehive CMMS
 - Working with Jamey on SCADA upgrade

Email Volume Vs Rejected Mail
From 1 Dec 2023 To 31 Jan 2024
Total Email Count : 26877 Total Rejection Count : 6727



Rejection Overview
From 1 Dec 2023 To 31 Jan 2024
Total Rejection Count: 6727



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Email Statistics Report

From Feb - 2023 To Jan - 2024

Month-Year	Total Inbound email	Rejections (includes viruses & spam)	Legit Inbound Email	% Rejections	Total Outbound email	Total Internal email
Feb - 2023	4,514	1,848	2,666	40.94 %	696	3,979
Mar - 2023	9,775	4,234	5,541	43.31 %	1,465	9,092
Apr - 2023	7,803	3,116	4,687	39.93 %	1,181	6,268
May - 2023	55,625	50,888	4,737	91.48 %	1,269	6,932
June - 2023	47,612	42,780	4,832	89.85 %	1,149	7,685
July - 2023	11,445	6,632	4,813	57.95 %	1,203	6,541
Aug - 2023	48,703	43,358	5,345	89.03 %	1,430	8,183
Sep - 2023	148,905	143,856	5,049	96.61 %	1,132	5,935
Oct - 2023	23,509	18,137	5,372	77.15 %	1,368	6,676
Nov - 2023	8,239	3,283	4,956	39.85 %	1,439	6,005
Dec - 2023	7,651	2,816	4,835	36.81 %	1,245	6,183
Jan - 2024	9,548	3,911	5,637	40.96 %	1,718	7,259
Total	383,329	324,859	58,470		15,295	80,738
Mean	31,944.08	27,071.58	4,872.50	61.99 %	1,274.58	6,728.17

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) 422-6931 (x-226)