

SANITARY DISTRICT OF DECATUR

501 Dipper Lane Decatur, IL (217) 422-6931

MEMORANDUM

DATE: 12/7/2021

SUBJECT: Maintenance Monthly Activity Report for November 2021

Overall

All materials are now in for the installation of the 210 and Blower Building motor control centers. Now that all materials are finally on hand, I will begin coordination of installation dates with operations staff, Bodine for the 210 MCC and Anderson for the Blower Building MCC. This project has been on hold until the Lakeshore pump station bypass was up and running (Due to Jamey Oliver being on site at Lakeshore and not being available for these projects). Installations will begin in January 2022.

Beehive continues data migration into the new software. We will soon set dates for staff training for the new Beehive software and prep for the February 1 go live date.

I am working on replacement vehicles for this fiscal year. We are planning to replace a 2014 Ford Taurus, 2014 Dodge Grand Caravan, 2014 Ford Explorer, and 2015 Ford F450. The 2014 vehicles will be auctioned and the 2015 Ford F450 will be rotated into the plant so we have access to a crane truck for in plant staff. No updates this month on vehicles, I am working my way through vendors to identify any open state contracts on vehicles.

Work Orders Completed, Total of 971

46 Corrective

1 Improvement / New

871 PM

3 Process

3 Project

19 Safety

1 Training / Meeting

4 Asset Management

23 Proactive Work / Issues found during a Preventive Maintenance.

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Systems Integrator and I&C Monthly Activity

- Lakeshore Pump Station Project work
- 210 MCC upgrade
- 231 Blower MCC upgrade
- Pre-work on Larkdale MCC and PLC upgrade
- Pre-work for 325 Pump #3 replacement and program change
- Installing Hirschmann Switch at I&C shop for the BNR project
- Upgraded Win 911 to Win 911 2021 Interactive
- Assisted I&C in minor pump station PLC upgrade
- Front Gate project work

Through an Ameren energy efficiency program, we received 250 LED direct replacement bulbs to finish the upgrade of the administration building and other areas of the plant. Through the same Ameren program, we are set to receive 75 exterior LED wall pack fixtures. The LED wall pack fixtures mount flat on a vertical exterior surface of a building and provide light around buildings / structures. We have been stepping through and upgrading all exterior fixtures as they fail. This will allow us to replace all existing fixtures at no cost to the District. At an average cost of \$400 per fixture, this is a material cost savings of \$30,000 for the District in addition to the energy savings. We will install all of the fixtures utilizing our in house I&C staff.

Mechanical Maintenance Monthly Activity

Heat exchanger #4 new draft fan was installed, and the fire tubes were cleaned. The refractory material around the burner was replaced and the unit is ready for service when Christy Foltz is finished w/ the siding panel installation.

All parts are in for the linear motion mixer repair. Mark Lindgren is coordinating the installation of the parts. The plan is to complete 1 unit and get it started back up the week of 12/13.

M.I.S. Department Monthly Update

- Network Administration, Helpdesk, Troubleshooting and Repair
 - Ongoing network administration.
 - Anti-Virus software replacement
 - Workstation monitoring system added
 - Worked w/ Comcast on dedicated fiber optic system

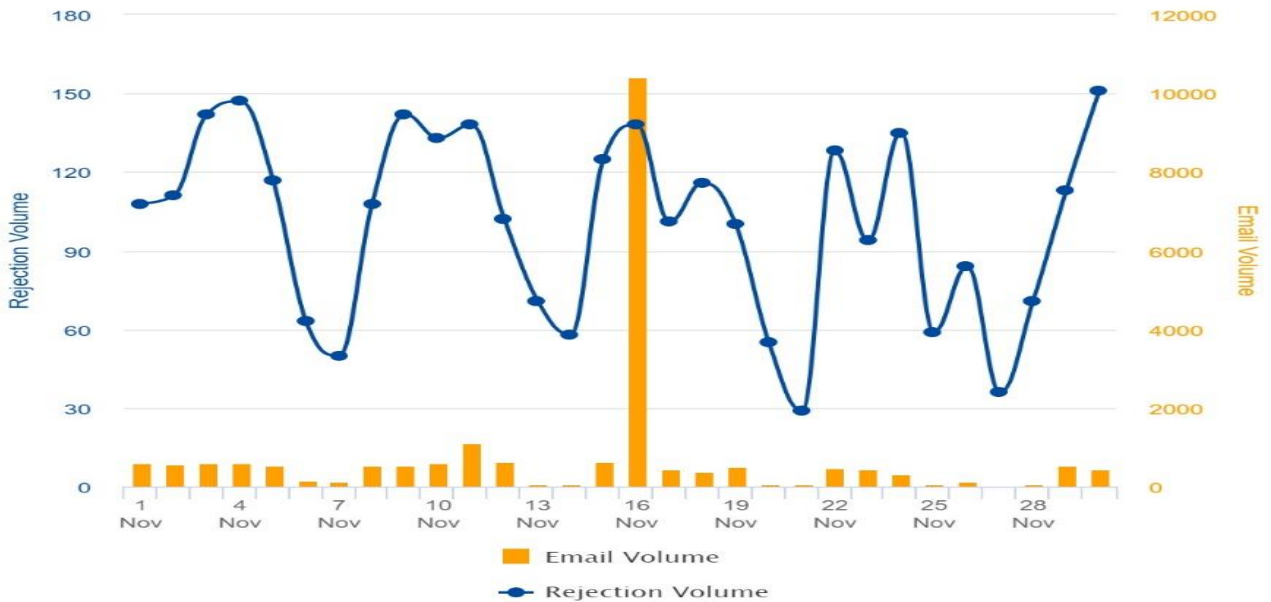
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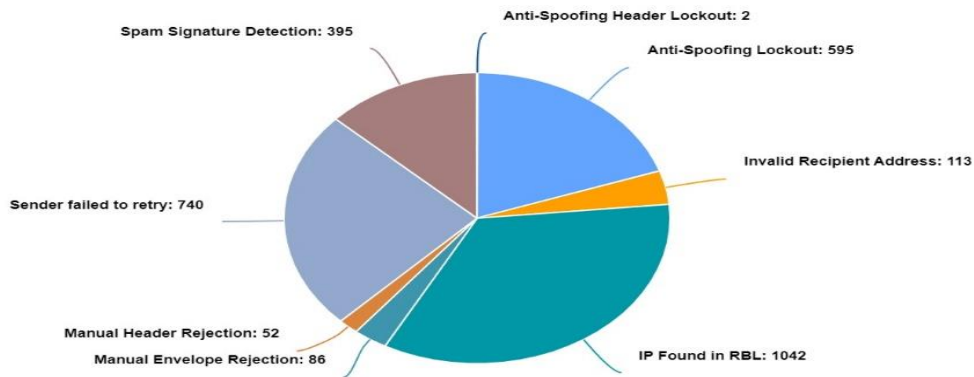
MEMORANDUM

Email Security

Email Volume Vs Rejected Mail
From 1 Nov 2021 To 30 Nov 2021
Total Email Count : 21737 Total Rejection Count : 3025



Rejection Overview
From 1 Nov 2021 To 30 Nov 2021
Total Rejection Count: 3025



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Email Statistics Report

From Dec - 2020 To Nov - 2021

Month-Year	Total Inbound email	Rejections (includes viruses & spam)	Legit Inbound Email	% Rejections	Total Outbound email	Total Internal email
Dec - 2020	6,314	2,872	3,442	45.49 %	955	4,698
Jan - 2021	6,766	2,704	4,062	39.96 %	1,312	5,078
Feb - 2021	7,047	2,953	4,094	41.90 %	1,116	5,100
Mar - 2021	7,979	3,708	4,271	46.47 %	1,442	5,970
Apr - 2021	11,752	7,729	4,023	65.77 %	1,367	6,039
May - 2021	12,426	8,530	3,896	68.65 %	1,166	5,205
June - 2021	7,267	3,343	3,924	46.00 %	1,308	4,987
July - 2021	7,389	3,422	3,967	46.31 %	1,377	3,992
Aug - 2021	8,371	4,179	4,192	49.92 %	1,119	5,718
Sep - 2021	7,104	3,030	4,074	42.65 %	1,053	9,427
Oct - 2021	7,560	2,977	4,583	39.38 %	1,271	11,386
Nov - 2021	7,392	3,025	4,367	40.92 %	1,117	16,253
Total	97,367	48,472	48,895		14,603	83,853
Mean	8,113.92	4,039.33	4,074.58	47.79 %	1,216.92	6,987.75

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)