

SANITARY DISTRICT OF DECATUR

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

MEMORANDUM

DATE: 7/12/2021

SUBJECT: Maintenance Monthly Activity Report for June 2021

Overall

Mike Hall Auction Company has all auction items listed on their site. The auction bidding opened 7/11 and ran through 7/18. A preview day was held 7/15 to allow individuals to come look at the items. I will cover the auction details / results during my board report. All items will be picked up 7/22 10AM to 3:30PM.

The Husqvarna 430XH has traveled over 533 miles maintaining the administration building lawn. The unit continues to work well with limited maintenance or operational issues.

The replacement motor control centers for 210, 231, and Larkdale pump station should be received in the next two weeks. We will begin to set up walk throughs and quote opening dates for these projects. The pre-quote walk throughs will happen in August with plans for work to start in late August / early September. We plan to install the 231 building MCC utilizing in house I&C staff.

The Kickoff meeting with Beehive Industries was held on July 16. We are hoping to have the new software up and running by the end of the year.

Work Orders Completed, Total of 1177

64 Corrective

8 Improvement / New

1025 PM

0 Process

0 Project

35 Safety

0 Training / Meeting

2 Asset Management

43 Proactive Work / Issues found during a Preventive Maintenance.

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Systems Integrator and I&C Monthly Activity

- Worked with I&C training on how to upgrade and install programs on new PLCs for minor pump stations.
- Converted the last 10 minor pump station programs for I&C.
- Working with operations and I&C on disinfection issues
- Add and tested an automated clean cycle to the West Headworks grit system.
- Prewrite on automatic activation of the West Headworks during high flow events
- Working with Clark Dietz on Lakeshore pump station
- Working with Ron G on outside pump station run hours and how we get the numbers into the work order management system.
- Backup SCADA communication issues resolved.

I&C staff continues to verify calibration on the Chlorine Analyzers 3 times per shift (Monday through Friday) to increase reliability and reading accuracy. The units are functioning well with minimal issues to this point.

Replacement power rails for the nitrification clarifier west cluster spray wash pumps have been ordered. We will replace all four of the units when they arrive. We have experienced nuisance trips on the power feed to this cluster. The spray wash pumps keep the algae build up to a minimum on the weirs.

Parts have been ordered to fully rebuild the control panels.

Completed all routine PM's.

Mechanical Maintenance Monthly Activity

Brennon Mitchell started 7/6 as our newest Laborer In-Training. Brennon previously worked as summer help at SDD. Brennon will begin working with inside maintenance staff before rotating around to the other departments.

Maintenance staff has begun verifying proper operation of ground dewatering pumps around the nitrification clarifiers. Once the ground water levels around the clarifiers are low enough, we will perform our annual maintenance. This project is on hold due to recent heavy rains.

M.I.S. Department Monthly Update

- Network Administration, Helpdesk, Troubleshooting and Repair
 - Ongoing network administration.

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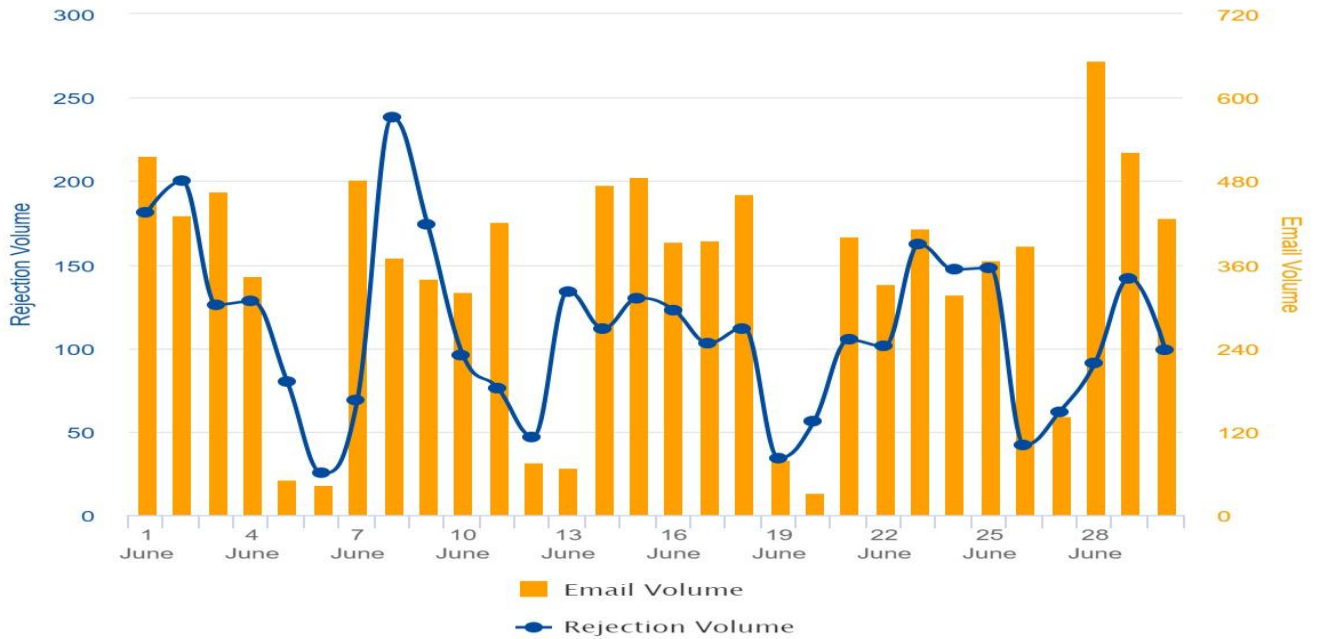
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Email Security

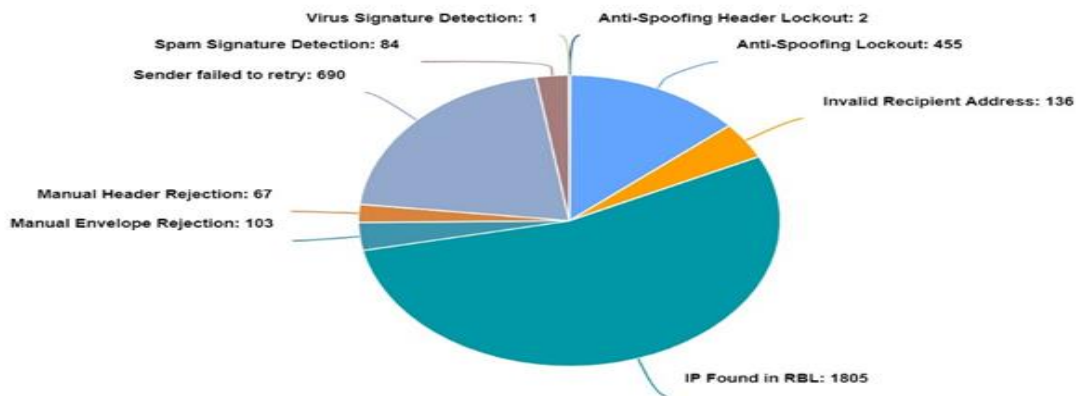
Email Volume Vs Rejected Mail

From 1 Jun 2021 To 30 Jun 2021
Total Email Count : 10219 Total Rejection Count : 3343



Rejection Overview

From 1 Jun 2021 To 30 Jun 2021
Total Rejection Count: 3343



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Email Statistics Report

From July - 2020 To June - 2021

Month-Year	Total Inbound email	Rejections (includes viruses & spam)	Legit Inbound Email	% Rejections	Total Outbound email	Total Internal email
July - 2020	7,154	3,618	3,536	50.57 %	694	4,671
Aug - 2020	7,644	3,806	3,838	49.79 %	1,017	4,504
Sep - 2020	7,999	3,898	4,101	48.73 %	1,373	5,133
Oct - 2020	8,845	4,262	4,583	48.19 %	1,335	6,155
Nov - 2020	8,286	4,335	3,951	52.32 %	1,442	6,150
Dec - 2020	7,758	3,479	4,279	44.84 %	1,164	5,809
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
Total	100,923	52,365	48,558		14,736	64,801
Mean	8,410.25	4,363.75	4,046.50	50.27 %	1,228.00	5,400.08

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)