

Maintenance Monthly Activity Report for March 2023

Overall

We continue to work through the final details of the layouts for firm quotes / lead times for the 054, 325, and 203 motor control centers. I plan to have the proposed purchase order motions at the May 2023 Board Meeting. The quotes have been delayed due to supplier computer issues / loss of information.

We have finally been able to purchase two new vehicles for our fleet. We purchased a new 2023 Jeep Compass Sport from Bob Brady Auto Group in Decatur. This vehicle will replace a 2014 Dodge Grand Caravan that serves as a pool vehicle and is primarily assigned to the safety coordinator. The second vehicle is a used 2022 Ford Edge AWD SUV purchased from Jack Schmitt Ford in Collinsville, IL. The vehicle was a Ford demo vehicle and came with a full warranty and under 6000 miles. This vehicle replace the 2018 Ford F150 Super Crew that has served as an administrative pool vehicle. The F150 will be transferred to the engineering department. I will continue to look for opportunities to purchase additional vehicles for our fleet.

The new Hach chlorine analyzers have been fully installed and an installation checklist has been completed and sent to Hach for scheduling of equipment start up. We are holding for a date for final equipment start up and staff training.

Systems Integrator and I&C Monthly Activity

- Creating spreadsheets for Black and Veatch
- Front Gate project
- 210 MCC and PLC replacement project

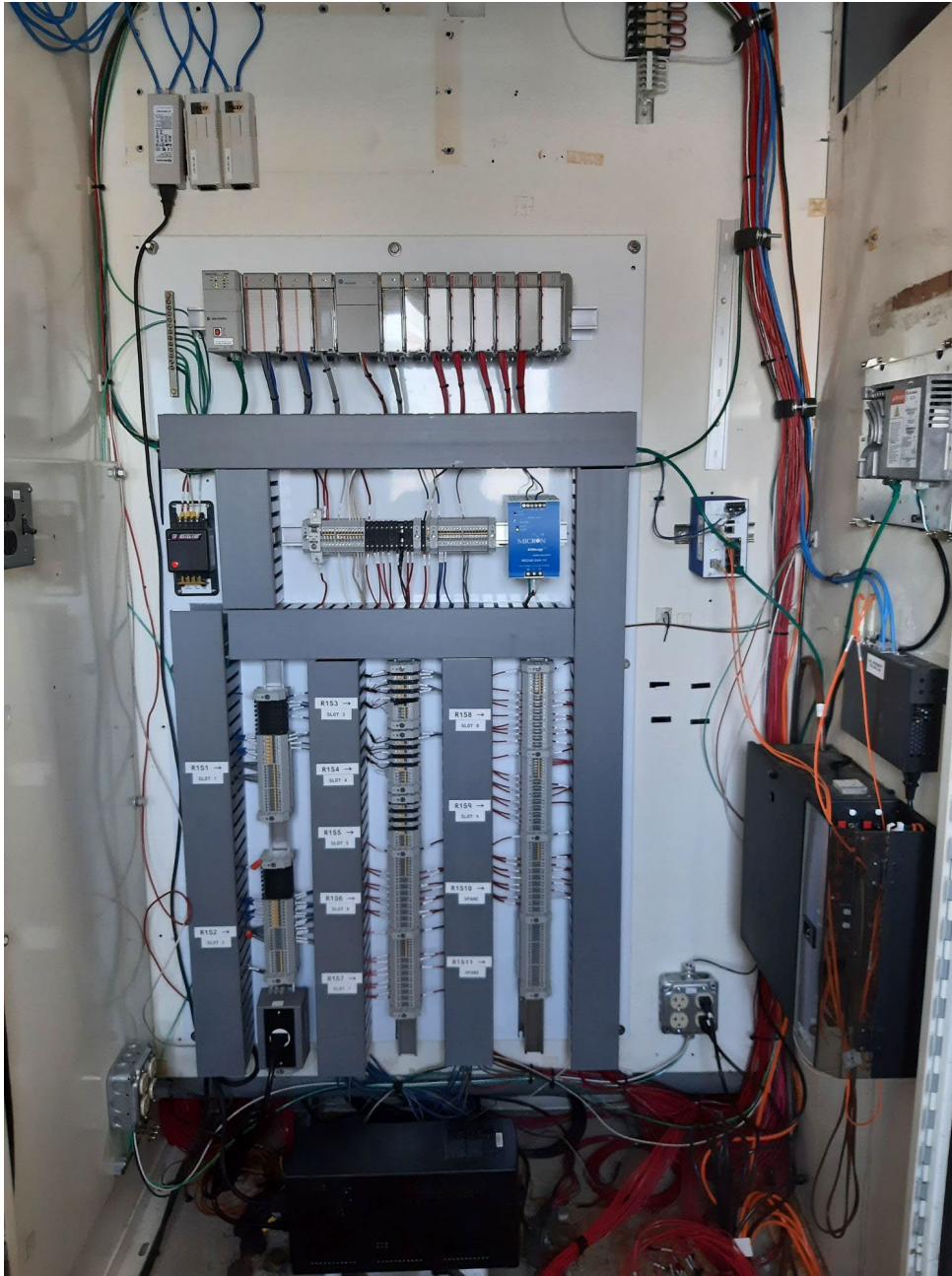
Mechanical Maintenance Monthly Activity

The maintenance group has completed preparation for the upcoming disinfection season. All tanks and systems have been leak checked with water and necessary repairs have been completed. We have built up a large stock of spare parts to help combat the long lead times.

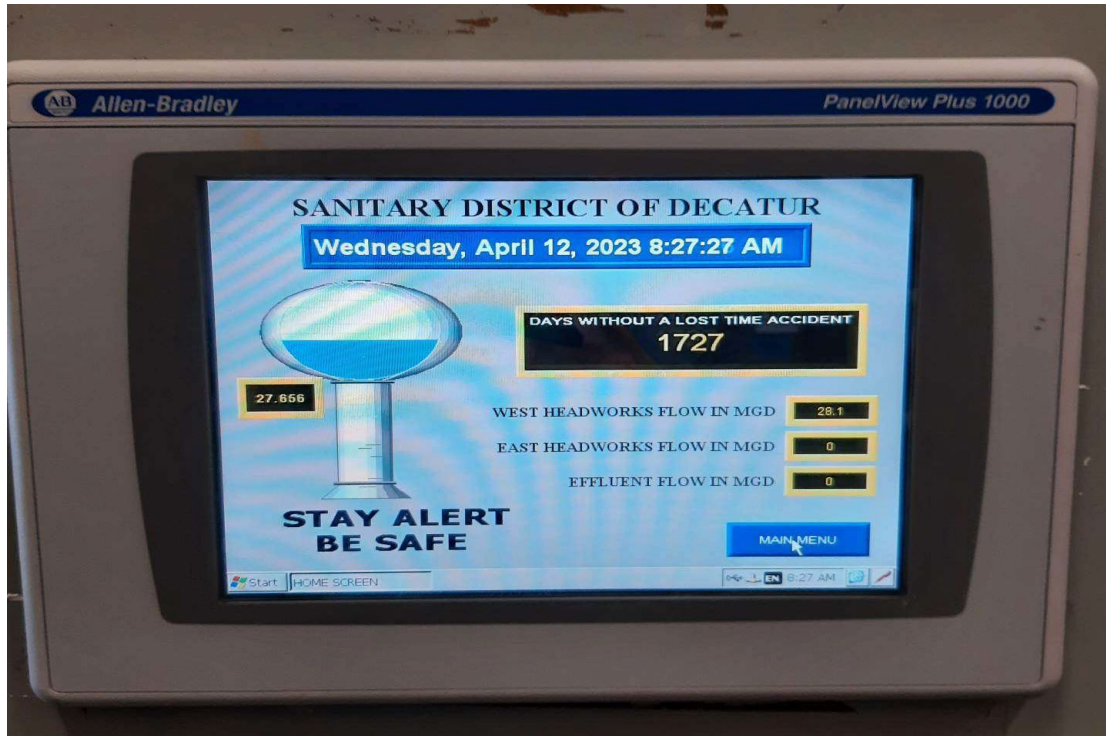
The sewer cleaning crew, groundskeeper, and outside maintenance staff have finished the clearing of the interceptors to allow for televising and cleaning of the systems. The crew inspected almost 10 miles of interceptor, utilizing the forestry equipment to clear manhole access. Some of the areas are very difficult to access with thick underbrush growth. Using the forestry equipment made this process go much smoother with great results. They also cleared around the fencing at the main plant to make the installation of the new 8ft anti climb fencing go smoothly.

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Jamey Oliver and the I&C department staff (Kyle Stewart, Alan Ferriell, and Kelsey Ashcraft) have completed the upgrade of the 210 building PLC (programmable logic controller) and touchscreen. This work was required as part of the motor control center upgrade. Pictures are included below of the completed panels.



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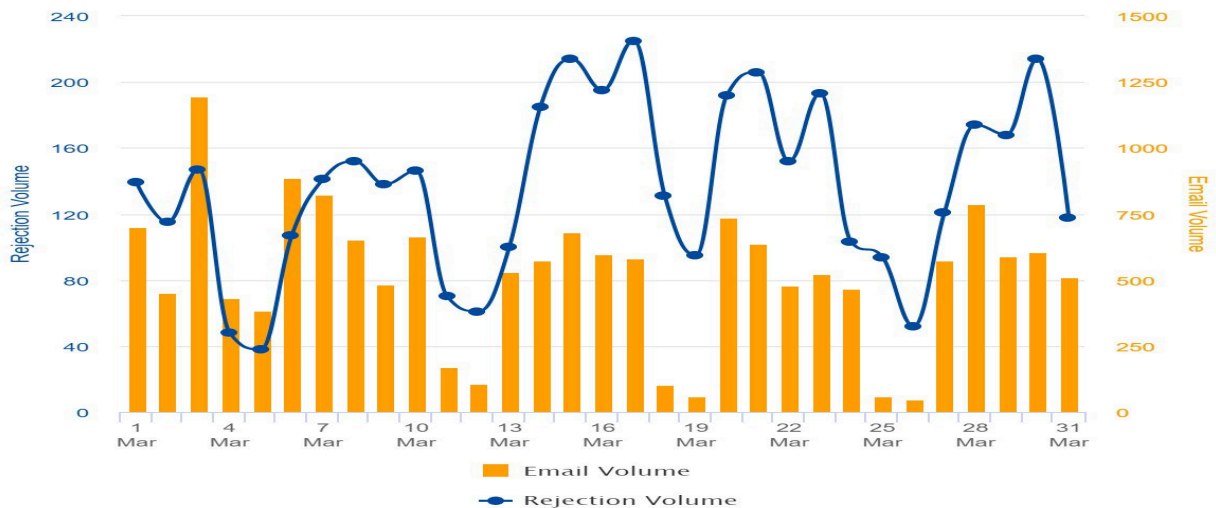


M.I.S. Department Monthly Update

- Network Administration, Helpdesk, Troubleshooting and Repair
 - Ongoing network administration.
 - Tablet Tech Support and Setup for Beehive CMMS
 - Finalized installation and set up new firewalls and anti-virus software.

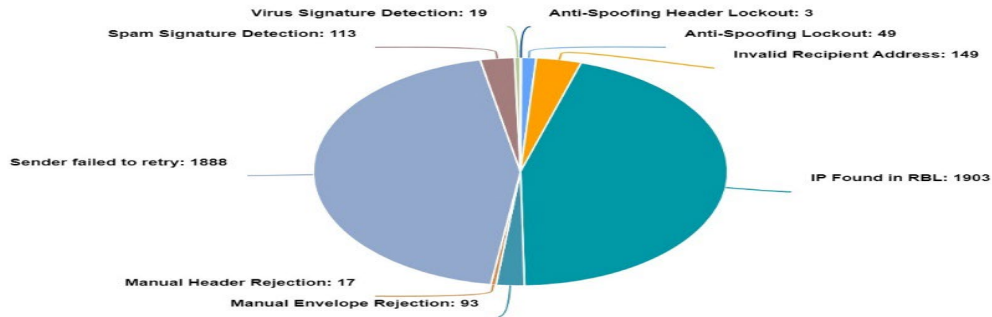
Email Security

Email Volume Vs Rejected Mail
 From 1 Mar 2023 To 31 Mar 2023
 Total Email Count : 16098 Total Rejection Count : 4234



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Rejection Overview From 1 Mar 2023 To 31 Mar 2023 Total Rejection Count: 4234



Email Statistics Report

From Apr - 2022 To Mar - 2023

Month-Year	Total Inbound email	Rejections (includes viruses & spam)	Legit Inbound Email	% Rejections	Total Outbound email	Total Internal email
Apr - 2022	5,673	2,622	3,051	46.22 %	903	3,834
May - 2022	7,408	2,722	4,686	36.74 %	1,198	5,707
June - 2022	7,377	2,954	4,423	40.04 %	1,662	5,519
July - 2022	7,335	3,118	4,217	42.51 %	1,143	4,735
Aug - 2022	8,359	3,496	4,863	41.82 %	1,449	7,827
Sep - 2022	7,066	2,631	4,435	37.23 %	1,374	5,800
Oct - 2022	7,063	1,861	5,202	26.35 %	1,897	6,191
Nov - 2022	7,451	2,809	4,642	37.70 %	1,301	7,029
Dec - 2022	7,208	2,970	4,238	41.20 %	1,242	6,017
Jan - 2023	7,158	2,490	4,668	34.79 %	1,142	6,666
Feb - 2023	7,413	2,960	4,453	39.93 %	1,132	6,509
Mar - 2023	9,775	4,234	5,541	43.31 %	1,465	9,092
Total	89,286	34,867	54,419		15,908	74,926
Mean	7,440.50	2,905.58	4,534.92	38.99 %	1,325.67	6,243.83

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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