

SANITARY DISTRICT OF DECATUR

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

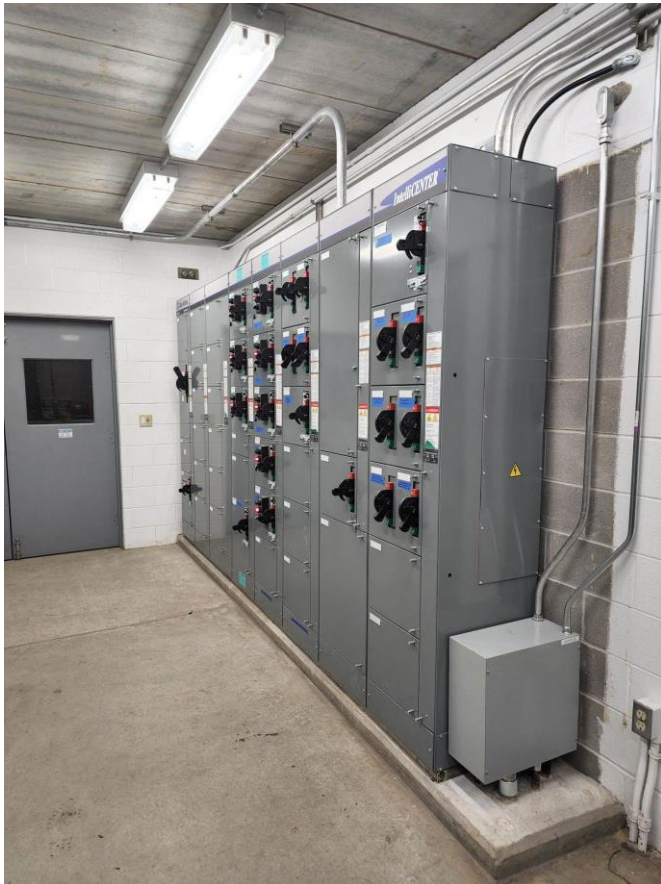
MEMORANDUM

SUBJECT: Maintenance Monthly Activity Report for March 2022

Overall

210 Motor Control Center Replacement has been delayed until this summer due to very limited Programmable Logic Controller (PLC) card availability. If we were to complete the 210 installation and PLC upgrade, that would leave us with no spare analog input cards at the start of disinfection season. This is a risk we cannot take. Previously analog input cards were available the next business day. Now they will not ship until late June / early July. Once we have sufficient spares in stock, we will proceed with the replacement of the motor control center and upgrade of the PLC in the 210 building.

We completed the installation of the blower building motor control center prior to last months board meeting. All automatic controls have been re-established at this time. We will take care of final labeling and clean up before the end of April 22. Pictures of the installation are included for your reference below.



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The Larkdale motor control center replacement will be completed prior to the board meeting 4/20/22. Work began on the installation 4/11/22. Bodine Electric provided the lowest quote to perform the work. A quote tabulation form is included below for your reference. Pictures of the completed installation will be included in my report for the May 2022 meeting.

Project Quote Tabulation

Project: Larkdale MCC Installation Project

Date 4/4/2022

Present: J. D. Malone, David Sleeth, Jamey Oliver

Time 1:00PM

Contractor Name	Exceptions	Quote Amount	Alt. Quote Amount	Total
TD4 Electric	No Quote Received			
Anderson Electric	no exceptions	\$29,900.00		\$29,900.00
Bodine Electric	no exceptions	\$16,950.00		\$16,950.00

The Beehive transition continues to progress well. We are working through verification and set up of our preventive maintenance and other recurring work orders generated properly. I will provide completed work order data to the board at our meeting 4/20/22.

Systems Integrator and I&C Monthly Activity

- Lakeshore Pump Station Project work
- Wyckles floating pump installation and programming
- 231 Blower MCC upgrade and integration into SCADA
- Larkdale MCC and PLC upgrade
- Pre-work for 325 Pump #3 replacement and program change
- Working with I&C on updating all plant fiber optic and managed switch AutoCAD drawings.
- Added new Hirschmann Switch to the I&C shop for the future BNR project

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Mechanical Maintenance Monthly Activity

The maintenance department has been preparing for disinfection season. We are adding a redundant header on the bleach tanks to allow flexibility if we have a tank down for repair. The chlorine contact tanks have been cleaned and we will be re-coating the Parshall flume at the discharge of the chlorine contact tanks. Due to increasing part lead times, we are increasing the stock of our spare parts.

The training program for the laborers / laborers in training began 4/4/2022. I will provide a copy of the training program layout to the board and review it during the meeting.

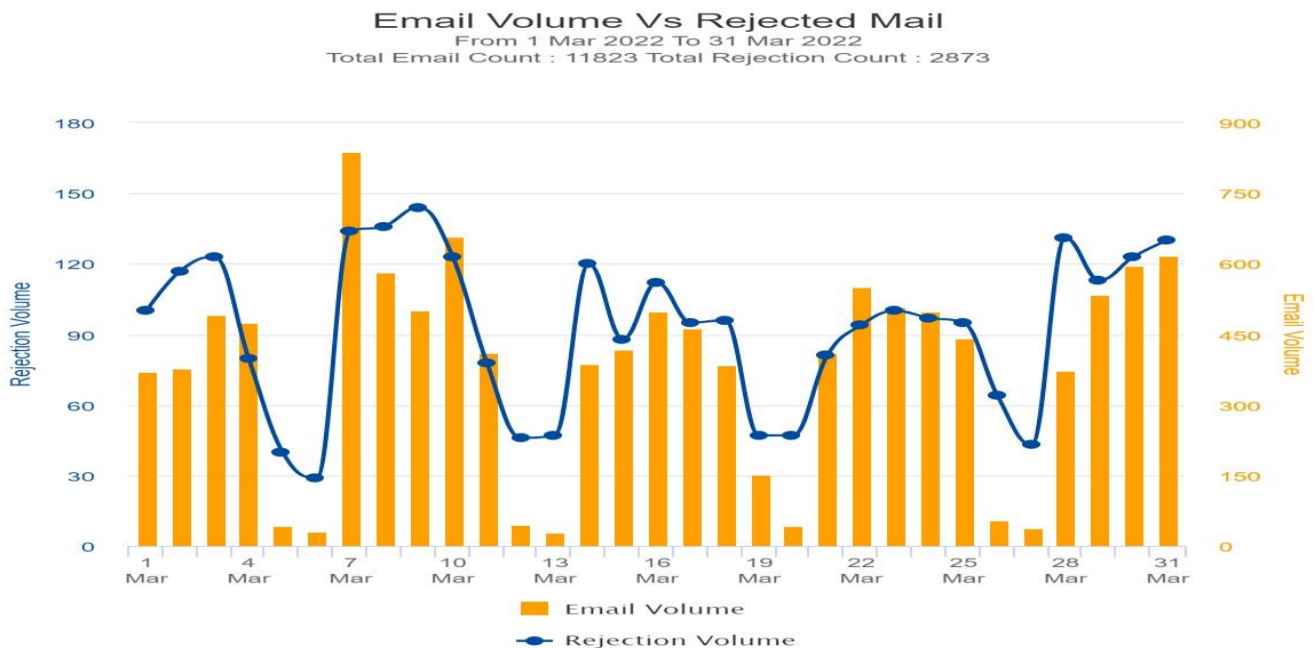
We had an instance of vandalism at our Oreana #1 pump station. Someone painted profanity on the brick and doors. The graffiti has been removed but the doors will require repainting this spring / summer.

We will be working with Telescan 4/19/22 to televise the Wyckles force main to attempt to identify the failed section / scope of replacement required.

M.I.S. Department Monthly Update

- Network Administration, Helpdesk, Troubleshooting and Repair
 - Ongoing network administration.
 - Tablet Tech Support for Beehive CMMS Rollout

Email Security

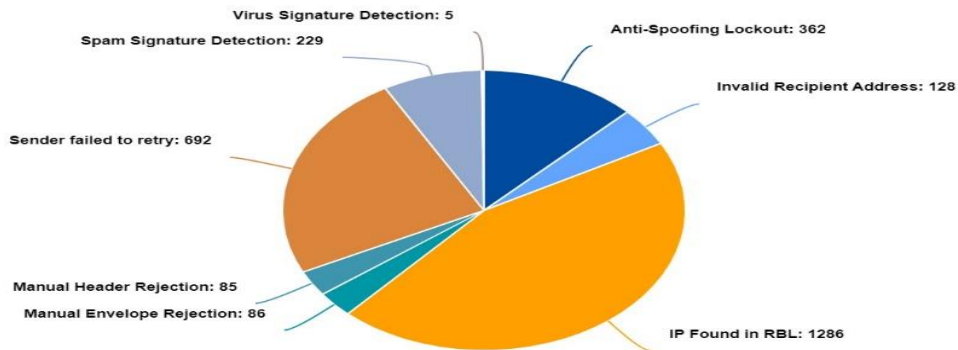


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Rejection Overview
 From 1 Mar 2022 To 31 Mar 2022
 Total Rejection Count: 2873



Email Statistics Report

From Apr - 2021 To Mar - 2022

Month-Year	Total Inbound email	Rejections (includes viruses & spam)	Legit Inbound Email	% Rejections	Total Outbound email	Total Internal email
Apr - 2021	9,168	6,373	2,795	69.51 %	889	4,302
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
Dec - 2021	6,883	2,803	4,080	40.72 %	1,584	4,429
Jan - 2022	7,473	3,250	4,223	43.49 %	1,253	4,767
Feb - 2022	6,747	2,487	4,260	36.86 %	1,361	4,756
Mar - 2022	7,316	2,873	4,443	39.27 %	1,488	5,892
Total	95,096	46,292	48,804	48.97 %	14,986	81,114
Mean	7,924.67	3,857.67	4,067.00	46.97 %	1,248.83	6,759.50

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)