

# SANITARY DISTRICT OF DECATUR

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

## MEMORANDUM

**SUBJECT: Maintenance Monthly Activity Report for April 2022**

### Overall

210 Motor Control Center Replacement has been delayed until this summer due to very limited 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 which 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. A large stock order is in process, and we will proceed w/ 210 when the parts are on hand.

Installation of the Larkdale pump station motor control center was completed in April. The motor control center is now fully functional with all control wiring completed. Bodine Electric completed the physical installation of the motor control center and switchgear. Kyle Stewart from our I&C (Instrumentation & Controls) shop completed the control wiring / labeling. The station will now utilize 3 variable speed drives in place of the old soft starts. Pictures are included below for your reference.



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### **Systems Integrator and I&C Monthly Activity**

- Lakeshore Pump Station Project work
- Wyckles floating pump installation and programming
- 231 Blower MCC upgrade and documentation completed
- Larkdale MCC, PLC upgrade and documentation completed
- 325 Pump #3 replacement and program changes
- Working with I&C on updating all plant fiber optic and managed switch AutoCAD drawings.
- Updated firmware in all Rockwell PLC's

### **Mechanical Maintenance Monthly Activity**

We welcomed our first seasonal laborer, Sierra Centola, 5/11/22. Sierra has a lot of experience mowing and performing general groundskeeping duties. She is a hard worker and great addition to our seasonal staff. With the changing seasons and rapid grass growth, we are glad to have the extra hands. We have two additional seasonal laborers that will start late May / early June.

The training program for the laborers / laborers in training began 4/4/2022. The laborers will transition to their second rotation 5/30/22. The laborers have been doing a great job helping to keep the plant and outside pump station grounds maintained until we are fully staffed with seasonal laborers.

A camera is being installed at our Oreana #1 outside pump station due to multiple instances of vandalism. The graffiti has been removed, but the pump station doors will need to be repainted due to the vandalism. Signs will also be posted noting that the area is under video surveillance.

The sewer cleaning crew has begun cleaning sewer lines that had been identified as a problem with no issues, with plant staff helping assist with flagging. The cleaning is going well so far with a lot of grit / build up removed from the system.

### **M.I.S. Department Monthly Update**

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

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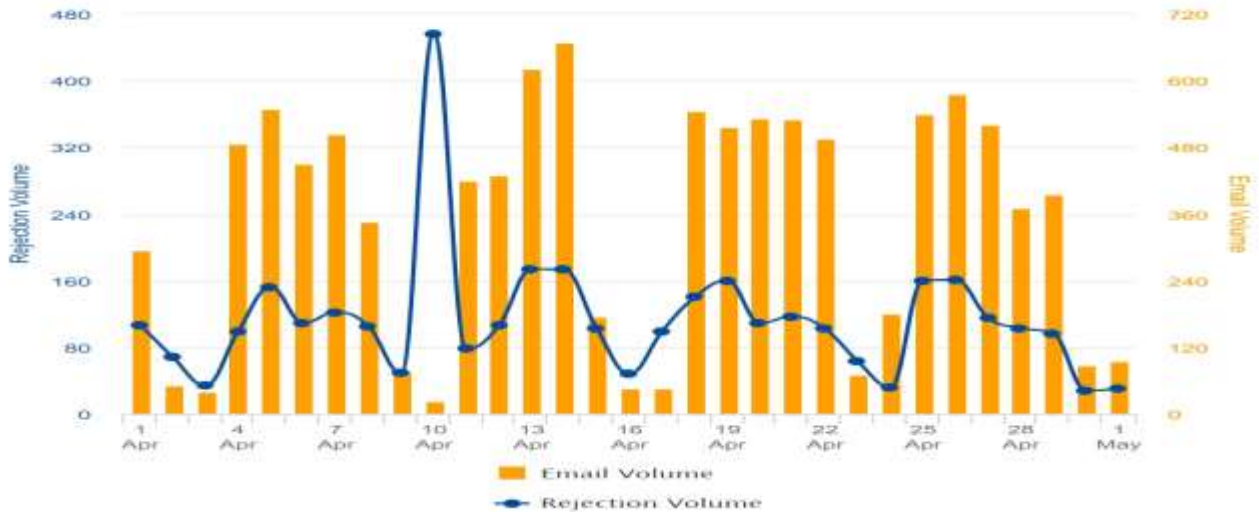
## MEMORANDUM

### Email Security

#### Email Volume Vs Rejected Mail

From 1 Apr 2022 To 1 May 2022

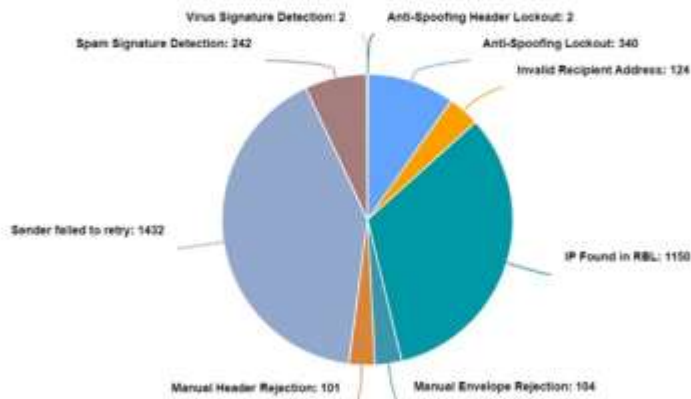
Total Email Count : 10683 Total Rejection Count : 3497



#### Rejection Overview

From 1 Apr 2022 To 1 May 2022

Total Rejection Count: 3497



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### Email Statistics Report

From May - 2021 To Apr - 2022

Month-Year	Total Inbound email	Rejections (includes viruses & spam)	Legit Inbound Email	% Rejections	Total Outbound email	Total Internal email
May - 2021	4,712	2,719	1,993	57.70 %	661	2,544
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
Apr - 2022	7,777	3,467	4,310	44.58 %	1,285	4,993
<b>Total</b>	<b>85,991</b>	<b>37,575</b>	<b>48,416</b>		<b>14,877</b>	<b>79,144</b>
<b>Mean</b>	<b>7,165.92</b>	<b>3,131.25</b>	<b>4,034.67</b>	<b>43.98 %</b>	<b>1,239.75</b>	<b>6,595.33</b>

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)