

# SANITARY DISTRICT OF DECATUR

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

## MEMORANDUM

DATE: 6/8/2021

SUBJECT: Maintenance Monthly Activity Report for May 2021

### **Overall**

Mike Hall Auction Company will be setting up the auction of our surplus equipment for July 2021. They will be on site multiple times in June to take pictures and catalog all items. They will also be going through the home at the south sludge lagoon to see if any items are worth including in the auction.

The Husqvarna 430XH continues to work well on the administration lawn. The unit gets hung up from time to time, but overall has required very little maintenance.

Attended multiple meetings for the Digester lid replacement project and Lakeshore Pump Station Replacement Project for progress and coordination.

### **Work Orders Completed, Total of 1160**

75 Corrective

2 Improvement / New

1014 PM

0 Process

0 Project

20 Safety

0 Training / Meeting

12 Asset Management

37 Proactive Work / Issues found during a Preventive Maintenance.

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

- Updating firmware on all Power Monitors at the front end of the plant
- Creating a Visio drawing of the main Power Monitoring cabinet
- Working on converting the last 15 outside minor pump station programs for I&C to install upgraded PLC's
- Working with operations and I&C on disinfection issues
- Pre work on a clean cycle addition to the West Headworks programs and SCADA
- Pework on automatic activation of the West Headworks during high flow events
- Working with Clark Dietz on Lakeshore pump station

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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.

I&C staff is finishing up the replacement of the power feed to the west cluster of nitrification clarifiers. The existing power feed is undersized and has become unreliable due to nuisance breaker tripping. Maintenance staff utilized the Vactor to hydro excavate the conduit path due to existing utilities in the area. The project will be completed by mid to late June 2021.

Completed all routine PM's.

### **Mechanical Maintenance Monthly Activity**

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.

Garrett Brickey has joined our summer help crew. They will be mowing and trimming as needed at the main plant and in the collection system.

We have identified multiple trees at outside pump stations that need to be removed at outside pump stations. Multiple ash trees are starting to die and are near buildings / power lines.

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

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

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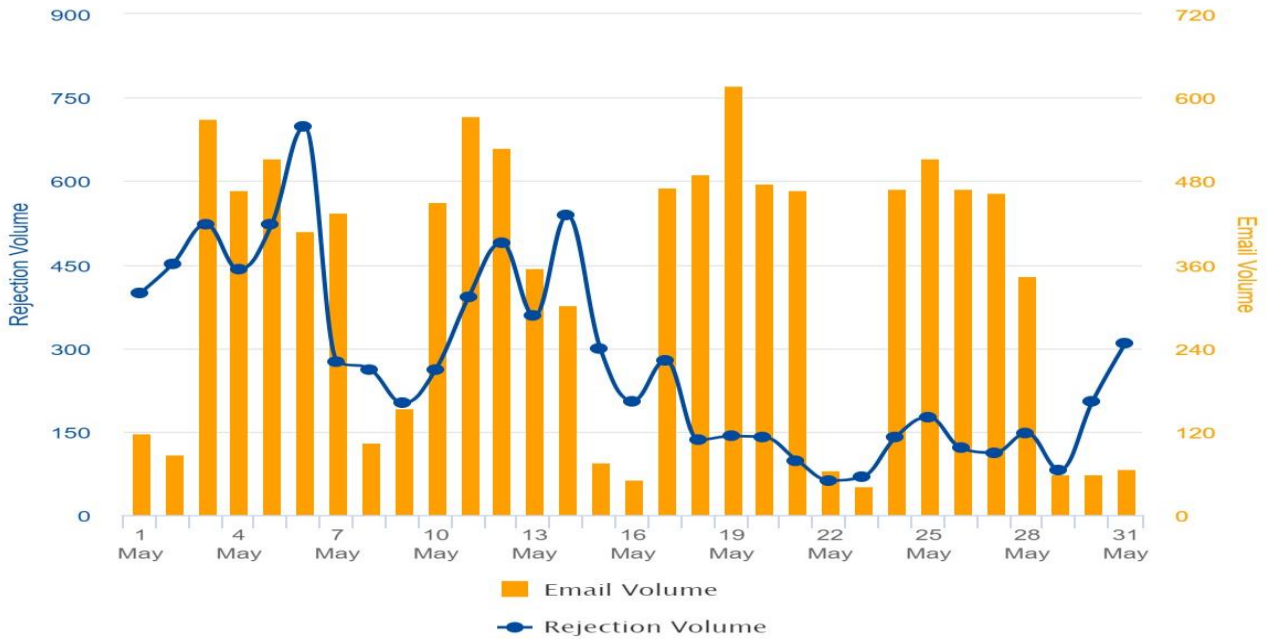
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### Email Security

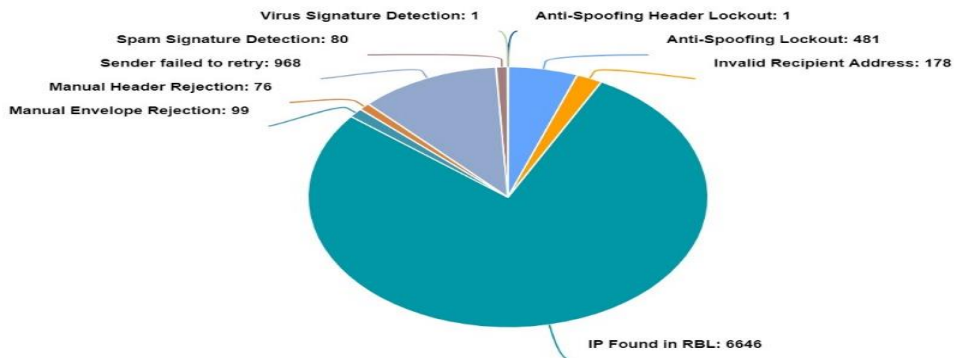
#### Email Volume Vs Rejected Mail

From 1 May 2021 To 31 May 2021  
Total Email Count : 10267 Total Rejection Count : 8530



#### Rejection Overview

From 1 May 2021 To 31 May 2021  
Total Rejection Count: 8530



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### Email Statistics Report

From June - 2020 To May - 2021

Month-Year	Total Inbound email	Rejections (includes viruses & spam)	Legit Inbound Email	% Rejections	Total Outbound email	Total Internal email
June - 2020	5,702	2,567	3,135	45.02 %	1,125	4,481
July - 2020	8,416	4,242	4,174	50.40 %	816	5,189
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
<b>Total</b>	<b>100,620</b>	<b>52,213</b>	<b>48,407</b>		<b>14,675</b>	<b>64,813</b>
<b>Mean</b>	<b>8,385.00</b>	<b>4,351.08</b>	<b>4,033.92</b>	<b>50.17 %</b>	<b>1,222.92</b>	<b>5,401.08</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)