

## **Maintenance Monthly Activity Report for June 2023**

### **Overall**

We are continuing to work with Kirby Risk and alternate vendors to obtain competitive quotes for the motor control center replacement projects. I will provide updates in the following months on the progress.

I am working with Hach to increase the reliability of our online chlorine analyzers. We have a conference call scheduled with their wastewater treatment lead to help resolve our issues. I will go over the results of that call during the board meeting.

The fully reconditioned Neuros Blower repair has been completed. The unit will ship out the week of 7/24/23. We should have the unit on site in early August.

Maintenance and operations staff have been coordinating to get digester #2 pumped down for evaluation. We were experiencing high methane levels in the attic space of digester #2 that created a safety concern. The digester has been pumped down past the side hatch and we are set up to pump out the remainder of the digester contents. We are experiencing some combustible gas buildup in digester #1 and #4 attic spaces also. We are not seeing any methane or H<sub>2</sub>S in digester #1 or #4. The levels are tested on a regular basis by maintenance staff with no changes in the past month.

Congratulations to Lance Smith for completing Phase II of the maintenance training program!

Front Gate: 6/27/23 an individual crashed into the entry gate. J. D. is working with that individual's insurance company to execute the repairs. The individual was not looking as they delivered the newspaper. The gate was 2/3 closed and they drove straight into it, causing approximately \$14,000 in damages.

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

- Creating and updating spreadsheets for Black and Veatch
- Front Gate project – Final clean up and programming. I&C staff completed installation of the light on the front gate. The light was a long lead item and was just received 7/6/23.
- FRAC Tank Project Review

# Maintenance Monthly Activity Report for June 2023

## Mechanical Maintenance Monthly Activity

The mechanical maintenance group has been working with engineering and operations to take tanks out of service to allow Black & Veatch staff to perform structural and overall evaluations on the equipment. This also allowed Plocher Construction to take the needed measurements on Primary Clarifiers #4 and #6.

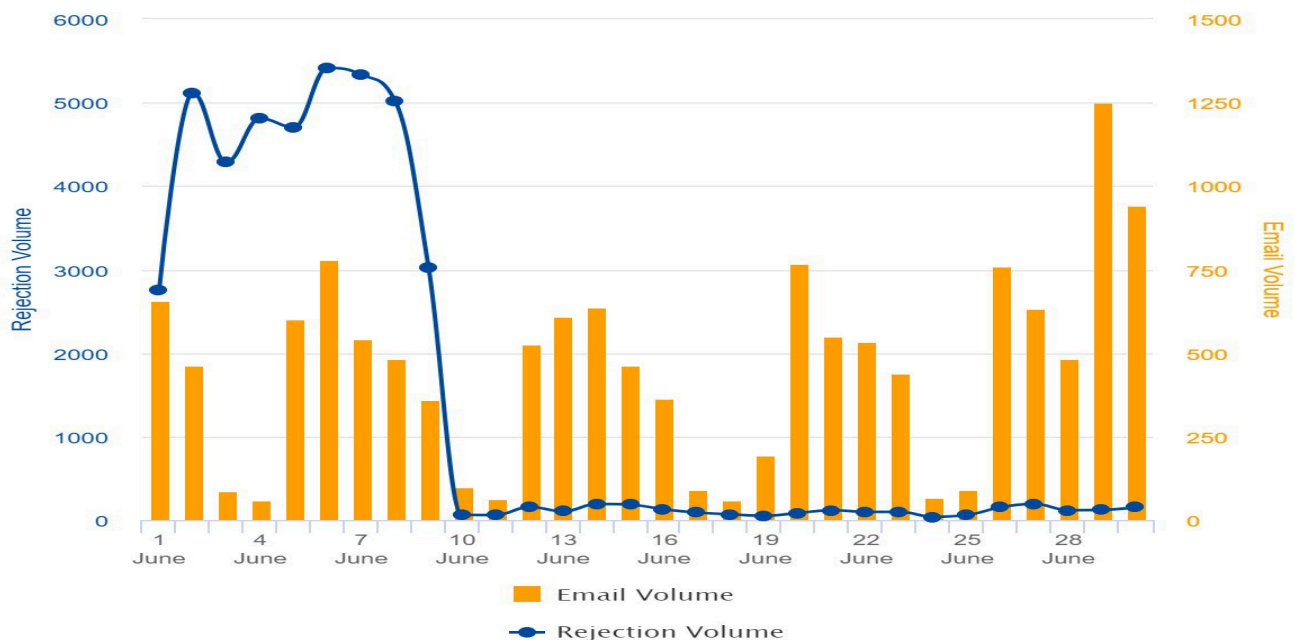
The mechanical maintenance group has been working on getting the ground water down on the north cluster of final clarifiers. We are close to an acceptable level to perform clarifier maintenance. We have installed new pumps and timers on each of the four wells. Staff has purged the wells with air and ran a cleaning brush up and down each well. J. D. is going to reach out to well cleaning companies to obtain quotes on pressurized acid cleaning for the four wells.

## M.I.S. Department Monthly Update

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

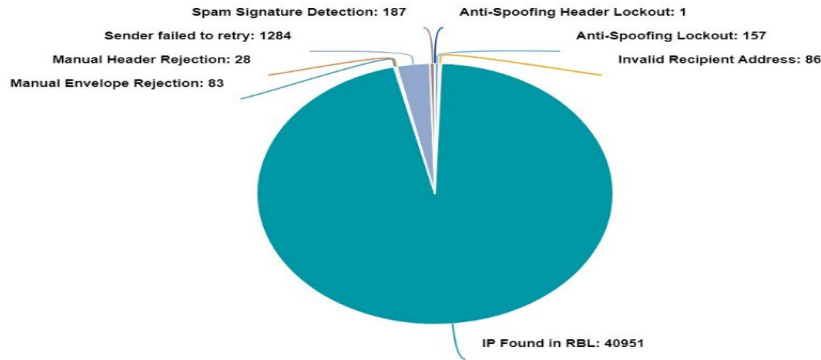
## Email Security

Email Volume Vs Rejected Mail  
From 1 Jun 2023 To 30 Jun 2023  
Total Email Count : 13666 Total Rejection Count : 42780



# Maintenance Monthly Activity Report for June 2023

Rejection Overview  
 From 1 Jun 2023 To 30 Jun 2023  
 Total Rejection Count: 42780



## Email Statistics Report

From July - 2022 To June - 2023

Month-Year	Total Inbound email	Rejections (includes viruses & spam)	Legit Inbound Email	% Rejections	Total Outbound email	Total Internal email
July - 2022	5,626	2,435	3,191	43.28 %	856	3,430
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
Apr - 2023	7,803	3,116	4,687	39.93 %	1,181	6,268
May - 2023	55,625	50,888	4,737	91.48 %	1,269	6,932
June - 2023	47,612	42,780	4,832	89.85 %	1,149	7,685
<b>Total</b>	<b>178,159</b>	<b>122,670</b>	<b>55,489</b>		<b>15,457</b>	<b>79,446</b>
<b>Mean</b>	<b>14,846.58</b>	<b>10,222.50</b>	<b>4,624.08</b>	<b>47.24 %</b>	<b>1,288.08</b>	<b>6,620.50</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)