

Maintenance Monthly Activity Report for June 2024

Overall

Bodine Electric provided the lowest quote for installing the 054 Building Motor Control Center. Our I&C staff is rerouting and reconfiguring some of the bottom entry conduits to allow for the expansion of the housekeeping pad that the motor control center is mounted on. Due to the number of conduits that need relocated, we now plan to complete the installation in August of 2024.

We currently have three vehicles on order (a Ford F750 Dump Truck, a Ford F550 Service Body, and a Ford Maverick). Our auction with Mike Hall Auctions will run from July 21st through July 28th. The auction will be online only.

All FEMA paperwork has been completed and submitted for the June 2023 derecho response. IEMA has \$29,552.73 designated for SDD. I verified on 5/15/24 that they had received all the paperwork. The larger of the two claims (\$27,705.68) is now marked as "payment in process" on the website and should arrive soon. The smaller of the two claims (\$1847.05) has federally obligated funds but is waiting for the payment to be released.

During attendance of the WWETT show in Indianapolis, we met a vendor that specializes in safety training and procedures for sewer cleaning crews. Nezat Training and Consulting will be on site from July 22nd through July 24th conducting the training. The three days will consist of one day of classroom training and two days of field training. We have committed to training ten of our maintenance staff members.

I will provide an update on the cleaning service utilizing temporary staff during the maintenance departmental report.

We are putting together a procurement spec to advertise for a replacement hydraulic pumper. Our current unit was purchased in 1992 and has required multiple repairs recently. This is a planned and budgeted replacement.

Information Systems and I&C Monthly Activity

- Creating monthly spreadsheets for Black and Veatch Power BI with SCADA and Lab data
- Working with I&C on the installation and configuration of Digital Paperless Chart recorders at the Major pump stations around town
- Maintaining the Frac Tank instrumentation
- Training Patrick Owens on Systems Integrator responsibilities
- Patrick has worked with GE and Win 911 to verify everything is setup and working correctly with SCADA and alarming

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- Bodine Electric is completing the repair on the 325 building emergency power circuit breaker. The repaired breaker should be returned by the end of July 2024.
- PM's and Corrective's
- Repairing all broken push buttons and conduit connections on the Final Clarifiers and Aeration gate control panels
- I&C verified proper fusing sizes on plc cabinets around town

Mechanical Maintenance Monthly Activity

The mechanical maintenance group has completed or is working on the following:

- Preventive Maintenance Work Orders
- The proactive repair of the Wyckles loadout pump and mixer have been authorized. The pump and mixer should both be back on site prior to the start of the land application season. J. D. is also working with Hodel Equipment on the purchase of a lagoon pump that will be used in place of the dredge in the west lagoon.
- Inside maintenance worked with operations staff to prep and drain primary clarifiers #4 and #6 to allow the vendor to take all the necessary measurements to begin fabrication of the new mechanisms.
- The sewer cleaning crew has begun the annual cleaning of all pump station wet wells. They will work through all stations as time and weather allows.
- Linear motion mixer #3 has developed a metallic chirp that is happening on each stroke. J. D. Malone supplied a video to Ovivo that illustrates the noise and where it occurs in the stroke. Ovivo will have a representative on-site 7/18/24 to inspect the gearbox and mixer to help to locate the source of the noise.
- Maintenance staff coordinated with operations to complete the isolation test of the 259 building in preparation for the installation of the replacement main isolation valve. Burdick will begin mobilization and excavation the week of 7/22/24.
- We have been experiencing issues pumping back to the plant from Wyckles on our east force main. The pumps worked fine on the west force main, and the Abel pumps would function properly on the east force main. The outside maintenance staff performed multiple tests and were able to locate the problem fitting in the crossover valve vault. Pictures of the grit buildup in the fitting are included below. We plan to increase the frequency of switching the force mains to help prevent this issue in the future. We also installed a T fitting in place of the 90 to allow for the installation of a flush port to make future cleaning easier.

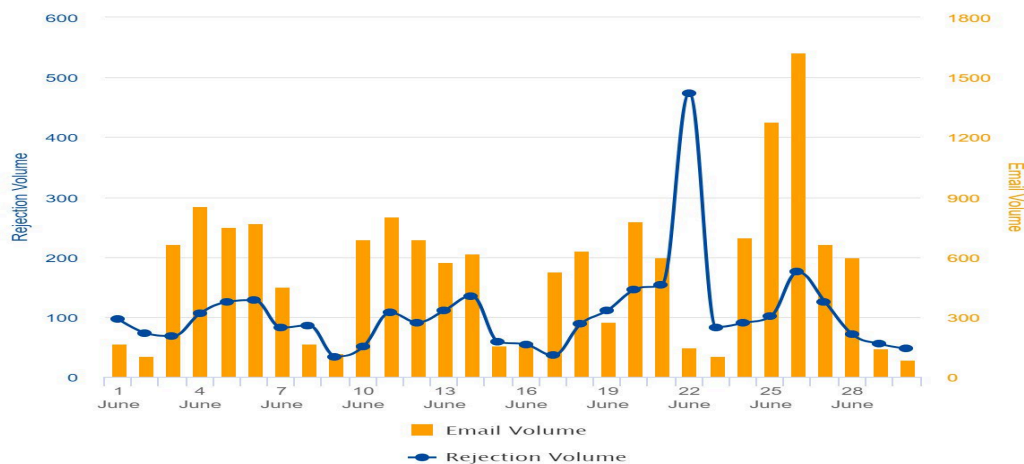
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M.I.S. Department Monthly Update

- Network Administration, Helpdesk, Troubleshooting and Repair
 - Ongoing network administration.
 - Tablet Tech Support and Updates for Beehive CMMS
 - Working with Jamey on SCADA and Win911 Mobile Upgrades
 - Testing different tablet types to help make the SCADA system easier to use on mobile devices while maintaining a high level of security.
 - Mark Cable is training with Vincent McCauley on our current equipment and software.

Email Volume Vs Rejected Mail
From 1 Jun 2024 To 30 Jun 2024
Total Email Count : 15907 Total Rejection Count : 3159



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Email Statistics Report

From July - 2023 To June - 2024

Month-Year	Total Inbound email	Rejections (includes viruses & spam)	Legit Inbound Email	% Rejections	Total Outbound email	Total Internal email
July - 2023	9,638	5,838	3,800	60.57 %	1,026	4,682
Aug - 2023	48,703	43,358	5,345	89.03 %	1,430	8,183
Sep - 2023	148,905	143,856	5,049	96.61 %	1,132	5,935
Oct - 2023	23,509	18,137	5,372	77.15 %	1,368	6,676
Nov - 2023	8,239	3,283	4,956	39.85 %	1,439	6,005
Dec - 2023	7,651	2,816	4,835	36.81 %	1,245	6,183
Jan - 2024	9,548	3,911	5,637	40.96 %	1,718	7,259
Feb - 2024	39,413	34,586	4,827	87.75 %	1,638	7,532
Mar - 2024	24,332	19,956	4,376	82.02 %	1,385	14,699
Apr - 2024	8,734	3,010	5,724	34.46 %	1,727	8,589
May - 2024	8,684	3,191	5,493	36.75 %	1,630	8,510
June - 2024	8,200	3,159	5,041	38.52 %	1,270	9,596
Total	345,556	285,101	60,455		17,008	93,849
Mean	28,796.33	23,758.42	5,037.92	60.04 %	1,417.33	7,820.75

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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