

City of Hartford WWTP
Activities Report
April 2023

Second quarter sampling was conducted on the AMHawk wet well. Phosphorus concentrations in the wet well were found to be 41.4 mg/L. We are having a meter ordered for AMHawk to install on their well as required by the Sewer and Sewer Use Ordinance. From there we will begin to assess surcharges associated with the ongoing violations from the high levels of Phosphorus.

The second sludge transfer pump was rebuilt, returned to the plant, and put back in operation.

Second quarter mercury sampling was conducted. The samples were analyzed by Trace labs.

Additional mercury sampling was conducted. The samples are being analyzed by Trace labs.

Sludge PFAS testing was completed.

A Notice and Necessary Information form was completed and supplied to the company that land applies sludge produced at the City of Hartford WWTP.

A Biosolids PFAS Monitoring report was completed and submitted to the state.

Ferric Chloride has been transferred from our double walled storage tank into 250-gallon totes so the construction crew can complete improvements. The totes are much easier to use – a huge improvement. The construction crew is going to install a day tank which will be similar to the totes in terms of ease of use.

Flows entering the wastewater treatment plant have exceeded the capacity of the wastewater treatment, sometimes by above 100%, for the entire month of April. Hopefully the construction projects on the collection system that are scheduled to begin this year will help with the infiltration problem.

I continue to hear nothing from the state about trying the new chemical for treating phosphorus. I am about ready to move forward on those UV lights. I would like the crew to attempt cleaning the bulbs, but I suspect that we will need to replace the sleeves. The bulbs themselves may still be good. Hopefully only the sleeves are stained and not the bulbs. The bulbs have a life expectancy measured in hours, but they may still good. The crew will start cleaning up the UV room and we will move forward from there.