



City of Pataskala Utility Department Chris Sharrock, Utility Director

➤ Utility Department Updates

• Water Reclamation Facility

- Daily Operations
 - The operators maintain exceptional daily operations of the WRF, 24 hours a day, 7 days a week. They consistently do an outstanding job of turning the City's wastewater into clean, safe water that is discharged into the South Fork of the Licking River
- WRF Upgrade
 - The Construction Loan for the WRF Upgrade project has been approved
 - Kirk Brothers have been notified and a pre-construction meeting was held on July 13
 - A tentative schedule was created by Kirk Brothers for this project. Key timelines are as follows:
 - Mobilization- A few of the valves needed to begin the project are on backorder. The new mobilization date is October 12, 2020
 - Underground Piping- October
 - Splitter Box- October through January
 - Chem Feed- December through February
 - Oxidation Ditch- October through February
 - This is the timeframe that the plant process will be bypassed to the lagoon based system
 - Punch List- March through April
 - We have begun the process of creating as much capacity as possible in the lagoons as they will be the primary method of treatment during the upgrade construction

- We will have the ditch emptied and cleaned the week of October 5. The OEPA has been kept up to speed with the schedule and any changes that occur
- We have begun pressing as much sludge as possible so that we have capacity in the digesters to hold our Mixed Liquor solution
 - This solution is where the “bugs” live and will be used to repopulate the treatment plant after the construction is complete
- COVID-19 wastewater sampling
 - The OEPA is again ramping up their COVID-19 wastewater sampling program
 - We have identified Pataskala as a willing participant in this program

• **Water Treatment Plants**

- Daily Operations
 - The operators maintain exceptional daily operations of both Water Treatment Plants, 24 hours a day, 7 days a week. They consistently do an outstanding job of providing the City’s customers clean, safe water that meets or exceeds the requirements from the OEPA.
- PFAS sampling
 - The OEPA was out on August 20 to collect samples of our raw water to look for PFAS contamination levels. Results are expected in 4-6 weeks.
 - PFAS chemicals are extremely stable and are commonly used in Teflon, scotch-guard and firefighting foams. They have been found in essentially every region of the planet.
 - This sampling is preliminary and is being done as a part of a statewide information gathering campaign
 - It should be noted that ion exchange has been shown to be upward of 99% effective in removing PFAS chemicals
 - Ion exchange is the method that we currently use at both water plants to soften the water
- Water Plant 1, Well 8
 - Well 8 at WTP1 is not producing the same amount of flow that it usually does
 - I plan to have Mount Drilling come out and analyze the problem when they come out to do the well cleaning project at WTP2

- These measures will continue to be in effect until further notice.
 - Jefferson Street Waterline Project
 - The Design phase of the Jefferson Street Waterline Project is underway by Hull and Associates Inc.
 - This design is being completed in anticipation of submitting the project to OPWC for funding assistance during the construction phase
 - All existing Utilities have been located and the actual design of the new water line has begun
 - Valve Exercising Program
 - The Systems Team has resumed our Valve Exercising Program
 - This program forces us to fully open and then fully close all of our water valves in the system
 - This program will cause some valves to fail during operation. These valves will need to be replaced on an emergency basis. Finding and removing valves that are ready to fail is the intent of this program.
 - Leaks
 - 1058 Oxford Drive
 - A pinhole in the copper service line was discovered. The service line was replaced with plastic on September 17
 - Heron Manor “Tie In”
 - Heron Manor tied in to the existing water main on Broad Street on the night of September 15.
 - The work was completed between the hours of 9pm and 4am to minimize inconvenience to our customers
 - This work also included two new valves that will give us more operational control in the area
- **Billing Team**
- Daily Operations
 - The billing team does an exceptional job of processing the payments for water and sewer service, scheduling the service work that needs done as well as providing excellent customer service 8 hours a day, 5 days a week.
 - Turn offs
 - We have scheduled turn offs for nonpayment on September 22

- Customers who entered a payment plan last month, but did not maintain good standing with those payment plans will be the priority
- Meter Reading
 - Meter Reading was conducted on September 2
- **Training**
 - Class 2 Water Treatment License
 - MaryAnn is currently taking the American Water College Class 2 Water Treatment correspondence course
- **Director**
 - Construction Projects
 - Scenic View Estates
 - The Utility Committee created a list of concerns that they would like to see addressed in order for the pressurized sewer system to be acceptable
 - Scott Fulton and I have drafted the necessary language to ensure that these concerns are addressed. This language was reviewed by Brian Zets and was presented to the Utility Committee on Oct 21
 - The language was accepted by the Utility Committee and presented to the developer. The developer has no issue with any of the language and will include it in its entirety on all plans
 - The developer submitted language to Planning and Zoning that was unclear and inconsistent with the language previously agreed to regarding the sanitary sewer system
 - I presented those issues to Scott Fulton so that they could be corrected
 - Heron Manor
 - Reviewed plans for the Heron Manor development
 - A requirement was made to install a full size generator for the Settlement Lift Station after the completion of phase 3. Due to some phasing changes, we will require the generator to be installed after the completion of the first 63 lots
 - Attended a pre-construction meeting on Jun 9

- This was a small part of the I&I study requirements placed on the department by the OEPA as a part of our NPDES permit
 - Part I, C; section 1, A, i. – *A complete evaluation of inflow contributions from individual residences including sump pumps*
- The participation rate for this survey was extremely high
 - We received 640 responses
 - 283 of these responses were in the areas under investigation in our I&I study
- New Vehicles
 - The two new trucks ordered by the department for this year are on a delay due to the COVID-19 situation
 - One of the two trucks is expected in September, the other by the end of the year.
- Safety Program
 - The department requires two safety meetings each month
 - One is done at the team level by the Superintendents covering general safety issues
 - The second is done with the entire staff and includes practice exercises of the Water Contingency Plan
 - Each month, a different member of the department will lead this training
- Sterling Theater AC
 - The AC project for the Sterling Theater is in the construction stage
 - Columbus Heating and Ventilating has planned a layout, is working on material procurement and finishing the necessary back end paperwork
 - The air exchange unit has been installed and duct work inside and outside of the theater has been installed
 - The whole project is expected to be complete by September 18
 - The last function will be for AEP to run the new service
- 2021 Budget
 - I am currently working with the Finance Department and the Administrator on the budget for 2021

- Interconnect with SWL
 - Conversations with SWL about a possible interconnect that would allow us to sell excess water to SWL so that they can then sell that water to Jefferson Water and Sewer District have been taking place

Respectfully submitted,

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