



## 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
  - Design being worked on by Hull
    - A design meeting took place on April 29, 2019 between Hull, Prime, Fluidyne and the Department
      - Questions about the need for blowers to use on the Jet Aerations system were answered
      - Oxidation Ditch walls to be increased in size, adding more capacity to the Oxidation Ditch
    - Design completion and PTI submittal to the EPA was completed on July 12, 2019
  - The construction loan application paperwork has begun with an estimate being used for the cost until the bidding process occurs to keep the process moving forward
  - The upgrade was re-nominated to the OEPA for the 2020 financial assistance program should the review process by the OEPA take longer than anticipated
    - The OEPA financial manager assigned to the loan is retiring and will be handing the review over to a new manager
    - The rep reviewing our loan application for the environmental planning review has also left the agency. We now have two new people reviewing our application. I do not believe it will be possible to meet the December 2019 award date. We will probably be more likely to meet a March 2020 award date



- 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.
    - Generator Preventative Maintenance
      - All of our backup generators were serviced as part of their bi-annual maintenance program
    - Well Cleaning
      - Ryan Brown is gathering three quotes for the well cleaning project to take place at WTP2 this year
    - WTP2 wastewater
      - We are currently looking into the cost involved to take the wastewater generated during the water treatment process at WTP2 to the District
        - This would allow us to eliminate an entire permit and all the sampling, monitoring, wasted “dilution water” and the man-hours associated with it, should the costs of construction and sewer service from the District warrant it
        - Surveying of the wastewater lines at WTP2 and the District’s sanitary main was conducted on Dec 5
        - Sampling of the wastewater generated during the water treatment process is underway to have an accurate breakdown of the contaminants in the wastewater and their concentrations
          - Once this data is compiled, a meeting will be scheduled with the District to discuss their interest in and the costs involved with taking the treatment process wastewater
- **Distribution and Collection System**
  - Daily Operations
    - The systems team maintains exceptional daily operations of the entire distribution and collections system, 24 hours a day, 7 days a week. They consistently do an outstanding job of providing customer service to the residents, maintaining the city’s infrastructure and responding to emergencies of various types.
  - SL-RAT
    - The systems team is continuing to use the SL-RAT system to inspect the sanitary sewer mains for blockages

- This system uses sound waves sent from one manhole and received at the downstream manhole to determine how clear the line is between them
        - This will allow the department to quickly inspect sewer lines and decide which lines need thoroughly cleaned and which lines do not
    - Valve Exercising
      - The systems team is continuing the annual valve exercising program
        - This process involves an employee traveling to each and every main valve in the Distribution system, locating said valve, closing the valve completely and finally re-opening the valve completely
        - Valve exercising keeps our valves in good operating condition and prevents them from seizing up. It also minimizes the chances that the valves will fail when needed in an emergency situation
        - The goal of the Utility Department is to exercise half of the distribution system every year
    - Water Tower Maintenance Program
      - The Utility Department advertised an RFP for the creation and implementation of a Water Tower Maintenance Program
        - This program would cover painting of the towers exteriors and interiors, washout services, annual visual inspections and emergency repairs for a time span of 10 years and will be all inclusive
        - Budgetary estimates to do only the Exterior and Interior coatings came in at \$1,537,000. Estimates for a 10 year maintenance program have come in at \$1,565,000.
          - The estimates to paint the towers only did not include waste disposal or installation of the containment system for sandblasting. Estimates for the 10 year maintenance program are all inclusive
- **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.

- Electronic Service Orders
  - Stephanie Tallman is looking into the possibility of a program that is compatible with our current billing system that can generate service orders electronically instead of the paper heavy process that we use now
    - The cost of this program came in at \$20,000. This cost is too high to justify in my opinion and we will not be pursuing it further at this time
- Meter Reading
  - We conducted meter reading on Feb 3
- **Training**
  - Class 3 Water Supply License
    - Ryan Brown is currently taking the American Water College Class 3 Water Supply correspondence course
  - Class 2 Wastewater Treatment License
    - I am currently taking the American Water College Class 2 Wastewater Treatment correspondence course
- **Director**
  - Water and Sewer Contract
    - There have been discussions of possible service areas to trade between the City and the District that would allow the City to serve Fanin & Deagle for both water and sanitary services while allowing the District to serve several locations currently in the City's service area
      - A resolution was passed at the Special Council Meeting on Friday September 6 approving a contract between the City and the District
        - The District has reviewed this contract and has suggested some changes be made. Talks regarding those changes are still ongoing.
      - On October 8, The District passed a version of the contract that has different language in it when compared to the version passed by Council
      - Representatives from the City and the District have begun discussions again to try and resolve the differences between the two entities in light of new personnel involved
        - The first of these meetings was held on Dec 10 and was mostly used as a chance to make sure that all

personnel are up to speed on where we are with the discussions

- Another meeting is scheduled for Friday, Jan 24 for further discussions
  - This meeting was positive in tone as both sides try to come to a final decision
- Construction Projects
  - Scenic View Estates
    - The City has reviewed multiple approaches to providing sanitary service to this property. The developer wishes to install a private force main system. The Department is weary of the potential for the OEPA to require the City to assume responsibility for this system in the future, should the HOA/ private parties fail to maintain it.
      - 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
  - 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 64 lots
  - Heritage Town Center Phase 2
    - Reviewed Plans and submitted comments
- I & I water
  - The EPA has included a requirement to develop and implement a plan to address our I & I water getting into the collections system
    - GPD Group is currently working on creating a scope and price for services to be reviewed by the department



Report, Annual Water Reclamation Facility Report and the Consumer Confidence Report

- The Well Withdrawal report was completed on Jan 13
- The Sanitary Sewer Overflow report was completed on Jan 14
  - We did not have any Sanitary Sewer Overflow events to report in 2019
- The Annual Sludge Report was completed on Jan 22
- Staffing
  - Pending a completed background check, Ryan Brown, our Plants Superintendent and Operator of Record, will be leaving us to work for Licking County in Buckeye Lake
    - Once confirmed, we will begin the advertisement process to fill this position
- Utility Committee Meeting
  - The Utility Committee held a meeting on Feb 10 covering the following topics
    - Update on the WRF Upgrade Project
    - Update on the I&I CAP
    - Update on the 2 proposed trucks in the budget for 2020
    - Update on the Design of Jefferson Street Waterline Upgrade scheduled for 2021
    - Update on the well cleaning project for 2020
    - Proposed Water Tower Maintenance Program

Chris Sharrock  
Utility Director  
csharrock@ci.pataskala.oh.us  
(740) 927-4134