



City of Pataskala Utility Department Chris Sharrock, Utility Director

➤ Utility Department Updates

• Key Items

- COVID-19 Wastewater Sampling
 - To date, the month of April sample results are showing no significant increase in virus count
 - Levels are consistent with what we saw prior to the Thanksgiving Holiday
 - No immediate action is suggested from the LCHD
 - The department, along with the administration, is working very closely with LCHD regarding these sampling results
- WRF Upgrade
 - The concrete work on the Splitter Boxes is nearly completed
 - The electrical conduit is mostly installed
 - The wires still need to be pulled through that conduit
 - The VFD's for the two influent lift stations to the WRF were installed on April 13 and April 14
 - The Jet Aeration system is still scheduled for startup during the last week of April
- Leaks
 - No Comment
- WTP2 well cleaning program
 - Both wells have been cleaned at WTP2
 - The check valve for both wells were found to have failed and were replaced
 - Following two negative total coliform samples, we returned the well to service
- Turn Offs
 - We will be conducting Turn offs for non-payment on April 20
- Biosolids
 - The spring 2021 land application of our biosolids product took place during the week of April 12
 - The department utilized the services of Agrisludge Inc. to conduct this program

- Agrisludge was able to complete the process in three days, a process that takes us three weeks to complete when done in house
 - WTP1 Iron Filter 2
 - There is a small leak somewhere along the bottom of one of the iron filter tanks at WTP1
 - We are scheduling a contractor to come and take a look at the problem and suggest possible solutions
 - Storm/ Sanitary connection
 - As a part of our I&I study, a connection between the storm and sanitary lines was discovered in the Lincoln/ High/ Wood Street area
 - We have scheduled a camera truck to run through the sanitary line and identify where the storm line is connected
 - Following identification, we will work with the Public Service Department to eliminate the connection
 - This separation, along with other projects, will go towards the EPA permit requirement to complete a project to help reduce the I&I in our system
- **Legislation**
- I respectfully request that these ordinances remain on the table while the details get worked out with the Utility Committee
 - Ordinances
 - Ordinance 2021-4384
 - An ordinance to amend section 925.01(Water Regulations) Rule 1, Rule 4, and Rule 15
 - These proposed changes to the codified ordinances are intended to bring the ordinance language in line with our operational practices
 - Ordinance 2021-4385
 - An ordinance to amend section 921.02 by adding language to specifically identify the property owner as the individual/entity to be invoiced
 - This proposed change to the codified ordinances is intended to bring the ordinance language in line with our operational practices

- **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 for the WRF Upgrade project is underway
- We are holding our mixed liquor solution in the digesters to keep the "bugs" alive during the upgrade construction
 - This solution will be used as a starter colony to bring the plant back online after the upgrade is complete
- Construction on multiple aspects of the project continues
 - The backup chemical feed building foundation has been poured and the building is set
 - The extension of the concrete walls in the Oxidation Ditch are complete
 - The concrete work on the Splitter Boxes is nearly completed
 - The electrical conduit is mostly installed
 - The wires still need to be pulled through that conduit
 - The VFD's for the two influent lift stations to the WRF were installed on April 13 and April 14
 - The Jet Aeration system is still scheduled for startup during the last week of April

- COVID-19 Wastewater Testing

- Pataskala Utility Department was selected to participate in the COVID-19 wastewater testing program
 - This program looks for the virus RNA in the waste stream, giving a more accurate and nearly real-time representation of the infection rate of the community that we serve
 - The first round of sampling began the week of Oct 12
 - We will collect two samples a week as a part of this program
 - The results of the COVID-19 wastewater testing is currently being posted to the Ohio Corona Virus dashboard found here:
<https://coronavirus.ohio.gov/wps/portal/gov/covid-19/dashboards/wastewater>
- To date, the month of April sample results are showing no significant increase in virus count

- Levels are consistent with what we saw prior to the Thanksgiving Holiday
 - No immediate action is suggested from the LCHD
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- Biosolids
 - The spring 2021 land application of our biosolids product took place during the week of April 12
 - The department utilized the services of Agrisludge Inc. to conduct this program
 - Agrisludge was able to complete the process in three days, a process that takes us three weeks to complete when done in house
- **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.
 - WTP2 well cleaning program
 - Both wells have been cleaned at WTP2
 - The check valve for both wells were found to have failed and were replaced
 - Following two negative total coliform samples, we returned the well to service
 - WTP1 Iron Filter 2
 - There is a small leak somewhere along the bottom of one of the iron filter tanks at WTP1
 - We are scheduling a contractor to come and take a look at the problem and suggest possible solutions
 - Strontium
 - The strontium levels in our waste stream at WTP2 continues to sporadically fluctuate, making permit compliance difficult
 - We have increased our sampling process to try to identify when, where, and why the strontium spikes at random intervals
 - In the meantime, we are using a holding tank/ dilution water system to reduce the concentration levels to within our permit restrictions.

- **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.

- COVID-19 procedures

- The systems team returned to a full schedule on May 18
 - If a service order is requested that would require one of our technicians to enter a residence, we will make every attempt possible to walk the resident through our procedures over the phone. If this will not suffice, our technicians will respond in person. They will wear a mask and gloves the entire time that they are in the residence.
 - We will reserve the right to reschedule the service order should the customer display symptoms of COVID-19
 - We have 2 no contact thermometers. We will take the temperature of any customers requesting that we enter a residence. If their temperature is above 99.9 degrees, we will reschedule the service order.
 - These measures will continue to be in effect until further notice.

- Jefferson Street Waterline Project

- The OPWC application was submitted on November 5 for review
 - The Jefferson Street Waterline Project has been recommended by the District to the State for funding assistance
 - The State will have to officially recommend acceptance as well, however recommendation from the District is usually a good indicator that the State will recommend
 - Should the State also recommend approval, the City will receive \$259,882 in grant money for the Jefferson Street Water Line Project
 - This project will include a complete resurfacing of Jefferson Street and Depot Street from Main St to Township Road

- I have decided to push the start of this project off until the spring of 2021
 - The funds will not be released until July 1 at the earliest
 - COVID impact on the state budget could delay this date
 - This means that a contractor would not be able to start until Aug 1 at the earliest
 - The Street fair would mean that a contractor would not be able to start until the end of August at the earliest
 - This would still allow us enough time to install the waterline before the winter, but would not allow for the roadway to be resurfaced until the spring of 2021
 - I believe that we will get better prices on the bids if we bid it out at the end of the year for a Spring 2021 start as contractors begin filling their schedules
 - The delayed start time will not impact our Grant funding
- Valve Exercising Program
 - The Systems Team has resumed our Valve Exercising Program
 - This program forces us to fully open and then fully close all 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
 - No Comment
- Storm/ Sanitary connection
 - As a part of our I&I study, a connection between the storm and sanitary lines was discovered in the Lincoln/ High/ Wood Street area
 - We have scheduled a camera truck to run through the sanitary line and identify where the storm line is connected
 - Following identification, we will work with the Public Service Department to eliminate the connection
 - This separation, along with other projects, will go towards the EPA permit requirement to complete a project to help reduce the I&I in our system

- **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 will be conducting Turn offs for non-payment on April 20

- **Director**

- Construction Projects

- 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

- Currently reviewing plans for phase 3

- Submitted comments on 12-29-20
- Those comments included a reminder that a standby generator is required at the Settlement Lift Station before they can begin Phase 3 building construction

- Bryn Mar Crossing

- I have reviewed the construction plans and submitted my comments to the planning and zoning department

- Following their resubmittal, I submitted additional comments to the planning and zoning department

- Scenic View Estates

- Plans in for review

- New Vehicles

- The two new trucks ordered by the department for 2020 are on a delay due to the COVID-19 situation

- One of the two trucks was delivered on October 30, the other is expected soon

- 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
- SR 310 Interconnect
 - Southwest Licking and the City of Pataskala have agreed to utilize the design engineering services of Hull Inc. for the SR 310 Interconnect
 - This is the interconnect agreed to in the current Water and Sewer Agreement between the two entities
 - This project is being completely funded by an escrow account contributed to equally by both entities
 - Surveying is complete and the design is underway
- Regulatory Reports
 - CCR (Consumer Confidence Report)
 - I have begun work on the CCR for 2020. This report is due to the OEPA by July 1

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "C. Sharrock", enclosed in a light blue rectangular box.

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