



Council Report
City of Pataskala Utility Department
Chris Sharrock, Utility Director

➤ **New Items**

• **Legislation**

- Resolution 2022-073: A RESOLUTION AUTHORIZING AND DIRECTING THE CITY ADMINISTRATOR TO EXECUTE A CONTRACT WITH VISU-SEWER OF OHIO LLC. FOR CONSTRUCTION SERVICES FOR PHASE 1 OF THE 2022 SEWER LINING PROJECT
 - This resolution is to accept what the Utility Director has identified as the lowest and best bid for Phase 1 of the 2022 Sewer Lining Project
- Resolution 2022-074: A RESOLUTION AUTHORIZING AND DIRECTING THE CITY ADMINISTRATOR, OR HIS DESIGNEE, TO ADVERTISE, RECEIVE, AND REVIEW BIDS FOR PHASE 1B OF THE 2022 SEWER LINING PROJECT
 - This resolution is to allow us to advertise for Phase 1b of the 2022 Sewer Lining Project
 - The bids for phase 1 came in exceptionally lower than expected. To keep from losing a good portion of our grant funding for this project, we will need to expand the scope of the area being lined.
 - The expansion will be significant. The administration concluded that the expansion was too large to be completed as a change order, so we will need to put the expansion out as a separate bid.

• **New Operational Updates**

- Meter Reading
 - Meter Reading is scheduled for August 1
- Jefferson Street Waterline Project
 - The remaining items on this project are the ADA ramps, lawn restorations and striping of the Old Town Hall parking lot
 - Following these items, a final walkthrough will be conducted
- 2" Waterline Upgrade Project

- This project will eliminate three dead ends in the distribution system and upsize the water mains in the area for proper flow and fire protection
- The water main along Poplar and Front Streets is installed. The service lines and water main connections to the existing system have yet to take place.
- Leaks
 - A leak was discovered on a copper service line at 1687 Forest View Drive
 - The service line was replaced with plastic from the corp stop to the curb stop on July 25
- WRF Upgrade Update
 - Outside of a few snags, the micro-organism treatment appears to be helping with the Parvicella.
 - We still have a long way to go, but are working very closely with the team from Tradeworks to analyze the biological activity in the plant and to establish the best way to move forward.
- Creek Road Lift Station (CRLS)
 - The preliminary design for the CRLS upgrade is complete
 - The report identified an interesting concept. By separating the two force mains from Eastside Lift Station (ESLS) and CRLS, we will gain a significant amount of capacity by being able to move more flow through the station as it exists now
 - Both the force main separation and the CRLS upgrade are needed. Currently the Utility Department is evaluating which of the two projects will occur first and which will be done in the very new future.

➤ **Ongoing Items**

• **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 Update
 - Outside of a few snags, the micro-organism treatment appears to be helping with the Parvicella.

- We still have a long way to go, but are working very closely with the team from Tradeworks to analyze the biological activity in the plant and to establish the best way to move forward.
- 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 results of the COVID-19 wastewater testing are currently being posted to the Ohio Corona Virus dashboard found here: <https://coronavirus.ohio.gov/wps/portal/gov/covid-19/dashboards/wastewater>
 - The Utility Department will continue to participate in this program as long as it continues to be fully funded by the State
- **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.
 - Water Plant 1 Iron Filter 2
 - There is a small leak somewhere along the bottom of one of the iron filter tanks at WTP1. Repair will require removal and replacement of the filter media, structural repairs, and recoating of the filter tank surface.
 - This should take place in October
 - Strontium
 - During the OEPA WRF inspection, we discussed the Strontium limit on our NPDES for WTP2
 - Valero Energy Company conducted lengthy studies regarding strontium discharge
 - Those studies resulted in a change related to strontium discharge at the federal level
 - I have asked the OEPA consider the new information from that Valero study when renewing our NPDES in the hopes that our strontium concentration limit will be adjusted

- **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.

- Settlement Lift Station Generator

- As a part of Phase 3 in Heron Manor, a standby generator for that area's lift station is to be installed
 - The contractor has installed all necessary components except for the generator itself. The generator has been on back-order since late February. Once it arrives, the contractor will finish the installation

- Jefferson Street Waterline Project

- The remaining items on this project are the ADA ramps, lawn restorations and striping of the Old Town Hall parking lot
 - Following these items, a final walkthrough will be conducted

- 2" Waterline Upgrade Project

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 - The water main along Poplar and Front Streets is installed. The service lines and water main connections to the existing system have yet to take place.

- Leaks

- A leak was discovered on a copper service line at 1687 Forest View Drive
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- Sewer Slip lining

- The department applied to OPWC for a grant to help fund this project
 - Our project was recommended by District 17 to the State for funding
 - This project will be funded using \$250,000 from HB 168, \$250,000 from OPWC and \$250,000 from the Capital Improvement Fund
 - The Bid opening for the sewer lining project is scheduled for July 19 at 11 am

- This project will begin in the River Forest Area. Depending on cost, funding, and scheduling issues, it is possible that some of the Oakmeadow Drive Area will be done following River Forest
- SCADA Prop Study
 - The study on the effectiveness of our SCADA radio system is complete. J&K Communications is currently reviewing the data in order to make a proposal for us to upgrade that outdated 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.
 - Meter Reading
 - Meter Reading is scheduled for August 1
 - Billing Software Upgrade
 - We have filled out preliminary information needed to transition to the new billing software. This transition is expected to be a six month process.
- **Director**
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- The expansion will be significant. The administration concluded that the expansion was too large to be completed as a change order, so we will need to put the expansion out as a separate bid.
- WRF Expansion
 - The first step in a plant expansion is to increase the permit amount of discharge allowed by the OEPA discharge permit. This process requires several studies to be completed including increased loadings, increased flows and alternative treatment options to name a few
 - Verdantas has offered a quote not to exceed \$35,000 to complete the studies required by the OEPA. That is represented by Resolution 2022-068 on tonight's agenda.
- 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
 - Each month, a different member of the department will lead this training
- Creek Road Lift Station (CRLS)
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Respectfully submitted,



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