



City of Pataskala Utility Department Nathan W. Coey, Utility Director

➤ Utility Department Updates

• Project Update

- Mill Street Phase 1 Water Project. This project was completed in three days. The services were tapped on the newer 10 inch main and abandonment of the previously used 1 inch copper service for 5 buildings with 8 tenants. Road restoration to follow. Phase 2 consists of eliminating a well-aged 6 inch main that is parallel to a modern 10 inch main. This portion of the project is TBD, however we have the parts if the aged line requires our attention before it is scheduled. With the elimination of the services off the 2 inch line our flexibility is increased to address completion.
- WRF Press Project. The new press has been ordered. The rental press is in service at this time. We continue to complete the OEPA PTI work for this project along with in house preparation.
- WTP1 Well Cleaning Project. This is progressing well with anticipation of completion in the next 20 days.
- Creek Road Water Main Project. We are currently addressing follow up efforts on a handful of restorations that did not meet expectation. We are pleased with the follow up provided by the contractor.
- Support Service. We provided a training event for the New Albany Service Department on their newly acquired lift station. We provided training for routine duties and troubleshooting techniques.
- Booster Station Pump 1. The new booster pump has been installed and working very well. The discharge is 530 gpm with no downstream PSI increases. The trending indicates the pump on average (with weekend) runs 11 to 13 hours a day providing significant rest time of the pump. The reliance of this station has greatly increased.

• Treatment Facilities

- The High Service Pump for WTP1 has been ordered. Once received effort to coordinate installation and removal of pump requiring service will be scheduled.
- The success of the Creek Road Water Main and Headleys Mill tower on line has required some SCADA control changes. We have increased capacity

use in the elevated storage tanks. Additional controls have been installed to prevent overflows of towers in this new method of operation.

- Distribution and Collection System

- The 2018 Water Main Valve Exercising Program is under way. This is an effort to ensure valves operate as designed and are ready in the event of a main line break. Four valves (aged <25 years) have been found faulty due to corroded valve bonnet bolts that were not stainless steel. During the exercise work leaks surface and repairs can usually be performed under pressure.
- A study has been completed with the assistance of Suez Water regarding long term asset management of our four elevated storage tanks. There are funding options available for the services required including full rehabilitation of the towers and ongoing maintenance. The option is to defer payments over a ten year period which would include all maintenance and risk management through a contractor. The study results and options would be ideal for discussion at a future Utility Committee meeting.
 - As expected, the Beechwood Trails Tower 1 is recommended to be serviced first. The current condition of the tank does not require full blast of coatings. Reapplication of protective coatings is ideal for this unit due to proper application in the past.
 - The Southeast tank is in a state where reapplication of protective coatings is appropriate.
 - The Beechwood Trails Tower 2 is at a full blast and coating stage. Based on the study, due to poor past work quality blasting, priming, undercoat and finished coat is required. This unit will have challenges as it relates to the cell phone towers on this tank.

- Billing Department

- The Billing Manager continues to review potential technology changes in the Utility Billing Department.
- Continual work regarding customer ACH authorization update standards.

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