



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

➤ **Utility Department Updates**

- **Resolution 2018-028**
 - A resolution authorizing the City Administrator to execute at contract with Jamison Well Drilling, Inc. for the 2018 Water Well Preventative Maintenance Program. Jamison was the lowest bid received out of four for this project. The 2018 Utility Budget includes sufficient funds to cover this expenditure. This program is vital to ensure the life of wells at Water Plant 1 through preventive and predictive maintenance.
- **Project Update**
 - The Creek Road Water Main Project start date is May 21 due to weather related conflicts.
 - We have a great plan in place regarding the valve operation and testing to ensure success with this project. Chris Sharrock is the field lead on this project along with support from Prime for inspection.
 - The design portion of WRF Phosphorus Project is underway. We are currently collecting additional data for consultant review. A biosolids centrifuge dewatering unit is scheduled for a trial run the week of May 14th. The project goals to meet the new effluent phosphorus limits, legislated state wide, are as follows:
 - A new biosolids dewatering unit to improve capture rate and reduce soluble phosphorus in the system. This more than likely will include a current building expansion to house the future unit.
 - Aeration improvements for the bioreactor. This includes an upgrade to the mixing system and more efficient controls for the system.
 - Pumping systems to efficiently control and monitor waste streams for phosphorus removal.
 - A back up chemical phosphorus precipitation feed system if regulations require a phosphorus limit of .5 mg/l.
 - Options for laboratory facility improvements to begin conducting additional in house testing in lieu of contractual service.
 - Work is underway for an in house OEPA contact hour training event regarding the current WRF press. The approval process is underway.

- Treatment Facilities
 - Our technology service provider continues to update facility and system SCADA components.
 - System control updates have been completed at River Forest Lift Station, Water Treatment Plant 2 additional filtration controls, and the finished water flow meter at Water Treatment Plant 1.
 - The Department worked with InNow on a trial filtration project to gauge the potential of new technology to meet the new strontium levels at the discharge treatment facility at Water Treatment Plant 2. The interest in this technology is to prevent our current “dilution” method with finished drinking water.
 - Biosolids land application have been completed for the season. The staff delivered and applied 508 tons on 121 acres. As we completed application the evening of May 9th the corn was planted shortly after. This ensures the best plant avilible nutrients for the crop.
 - The Andritz dewatering centrifuge is on site for a trial run the week of May 14th. This unit is providing great solids capture with excellent cake.

- Distribution and Collection System
 - A leak was identified at the 200,000 gallon geosphere water tower in Beechwood Trails. The repair work will include removing the tower from service to make the necessary weld repairs. The tower will require sanitation and testing before placing back in service. Service delivery issues are not anticipated during the necessary repair work. The contractor is expected on site May 22nd with the ability to perform the work under \$5,000.
 - Ongoing efforts to replace ERT’s that have reached end of life service. We are replacing transmitters that are 20 years old under our annual meter and ERT replacement initiative.

- Billing Department
 - The Billing Manager and Billing Clerk will attend a customer service workshop on May 18th. Tony Gardner will handle the duties at the service window.
 - The Billing Manager continues to work on details for a future billing and invoicing system for the department.

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