



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

➤ Director Update

- Staff Update.
 - Mitch Rader received the Ohio Water Environment Association, Southeast Section “Professional Wastewater Operator” Award for his efforts in the Biosolids Management Program.
 - Mitch will compete for the State Award in the same category next year against three other candidates from around the state.
 - Chris Sharrock received the Ohio Water Environment Association, Southeast Section “Awesome Operator” Award for his efforts in obtaining OEPA Certification and endless efforts in the Collection and Distribution Systems.
 - Chris will be recognized at this year’s Ohio Water Environment Association Conference.
 - Tony Gardner obtained a Water Supply 1 Certificate issued by the Ohio EPA. The certification includes an application process and traditional ‘paper and pencil’ test with a focus on operational theory and applicable operational calculations.
 - I am extremely proud of these men. Stand out efforts continue to be the standard in this department.
 - Nathan Coey, Ryan Brown, and Chris Sharrock will attend the OWEA Annual Conference in Cincinnati for training.
 - I will be assisting with the ‘Operator Challenge’ event as a judge and assist with set up and tear down.
 - This is competition for teams of four around the state with timed events in laboratory, theory challenge, safety rescue, pump replacement, bypass pumping, tapping a live sewer line, and programming an automatic sampler.
- The River Forest Lift Station Project is nearly complete.
 - Still waiting for Pro-Tech to complete SCADA integration.
- I met with a local SCADA integrator that can meet our needs. We have identified a local company in Lancaster that is a division of Worthington Industries. They are

scheduled for a site visit to determine our level of security, potential changes, and overall system evaluation.

- The Distribution System Hydraulic Modeling Study is under way. I anticipate a follow up on model results in the coming week. Recommendations may take a month per consultant. Please see the test results of physical points in the system. Test included full flow of a hydrant and testing pressure at a downstream hydrant.
 - Resolution 2017-041. Strand has found some issues with the data or lack thereof in the past model and uncomfortable moving forward without additional data. The 'c-factor' data is incomplete or inaccurate based on pipe size. Additionally there are wrong pipe sizes used on existing main lines.
 - This additional data work results in a contract amendment of \$6,000 to bring the total project to a cost of \$31,000.
 - System data collection was completed on May 17th at 10 locations.

➤ **Water Department**

- Well#2 at WTP2 suffered failure. The pump and motor required full replacement.
- Three service line repair jobs we completed since the last update.
- Yard and concrete restorations post excavation have been completed.

➤ **Water Reclamation Department**

- Sanitary main line cleaning and hydraulic excavation work was completed the week of May 22nd.
 - At the corner of Poff and Applewood we located an unused tap that seems to not have a cap. Mud and stone were observed in the line. We will schedule dig work in the near future due to a working depth over 14 feet.
 - Exploratory televising has located a pumping bypass pipe at Creek Road Lift Station. Testing indicate that this will allow for emergency pumping to the north lagoon at the WRF or in the event of catastrophic pump and control failure at the station.
- We made operational adjustments to the treatment train at the WRF in efforts to move closer to biological phosphorus removal. This current test method should result in improved biological phosphorus removal, reduced sludge yield, and decrease in polymer and solids pressing.

➤ **Billing Department Update**

- Nothing to report at this time other than 'kicking butt and taking names'.

Highest Regards, Nathan W. Coey, Utility Director

Test No.	Monitoring Hydrant				Flowing Hydrant		
	Location	Start Static (psi)	Residual (psi)	End Static (psi)	Location	Pitot Reading (psi)	Calc. Flow (gpm)
1	West side of Highland Hollow Road south of Hollow Road	65	32	65	West side of Highland Hollow Road south of Hollow Road	32	949
2	North side of Carryback Drive between 20 Grand Road and Whirlaway Loop	77	59	76	North side of Carryback Drive between 20 Grand Road and Whirlaway Loop	50	1,187
3	South side of Richmond Drive west of Monticello Ct	87	51	87	South side of Richmond Drive west of Monticello Ct	43	1,100
4	West side of York Road between Beecher Road and Harvest Ridge Road	98	58	98	West side of York Road between Beecher Road and Harvest Ridge Road	48	1,163
5	West side of Oak Meadow Drive between Olde Mill Lane and Bent Tree Lane	47	31	47	West side of Old Meadow Drive north of Olde Mill Lane	28	888
6	South side of Broad Street between Park Avenue and Cedar Street.	53	29	53	South side of Broad Street between Park Avenue and Cedar Street	27	872
7	SE corner of Town Street and S. Main Street	57	37	57	NW corner of 1st Avenue and S. Main Street	44	1,113
8	South side of Sugar Mill Drive between Hazelton Etna Road and Gardenia Drive	51	30	51	South side of Sugar Mill Drive between Hazelton Etna Road and Gardenia Drive	30	919
9	West side of Richwood Drive between Pataskala Ridge Drive and Ridgview Drive	53	35	53	NW Corner of Richwood Drive and Whitehead Drive	32	949