

# MONTHLY REPORT FOR OCTOBER 2017

## WASTEWATER REPORT

**TO:** Washington Township Municipal Authority Board of Directors  
**FROM:** Ed Wilson, Superintendent  
**DATE:** November 3, 2017

FLOW			1 HYDRAULIC EDU = 228.6 (gpd)		PERMITTED HYDRAULIC CAPACITY 1.85 (MGD)	
MIN.	0.540	MGD	EDU's added last month	5	Maximum Hydraulic EDU's	8092
AVG.	0.823	MGD	EDU's added this month	2	Total Hydraulic EDU's used to date	5873.5
MAX	1.770	MGD	Total EDU's added for 2016 and 2017	2016 22 2017 34	Available Hydraulic EDU's	2218.5

**MONTHLY RAINFALL AT THE PLANT: 4.48"**

**FOR PLANNING PURPOSES THE WASTEWATER PLANT IS CURRENTLY @ 72% OF ITS CAPACITY**

**NEW CONNECTIONS:**

11307 Ridge Crest Drive Lot # 47

11301 Cross Field Drive Lot # 58

**COMMENTS:**

1. We met all of our parameters for the month of October at the treatment plant.
2. The bio-solids inventory is currently at 27% of its capacity, I don't count the #1 and #2 digesters because we are always adding sludge or decanting supernate, these are our process digesters.
3. The Old Forge Road project has been completed, all of the laterals run to the property right of way, everything passed, air and vacuum testing. The Township final graded the field and blacktopped the one driveway that we crossed and the Old Forge Road where we installed the laterals. The stream bed and bank has been restored and the As-builds are completed.

**MAJOR ITEMS FOR THE MONTH:**

1. Joe and I spent 3 nights on on Rt. 16 prior to paving raising manholes and valve boxes while New Enterprise was working. We had the the ability to take the Jet Vac out and vacuum his water valve boxes that were filled up with mud and gravel.
2. Keven replaced the transducer at the Monterey pump station but that didn't solve the problem. We found out that the old transducer was not only bad but the new one was as well. I am fighting with the manufacturer because there is a 1 year warranty, we were a month over the warranty. We keep transducers on hand for all of the pump stations and the plant in case of an emergency so they may sit awhile before they are used. The average cost of a transducer is around \$1000.00.
3. Kevin removed the flow meter on the alum feed line, the alum is so acidic that it will eat through stainless steel and it ate through the meter. Because we don't need it we just removed it and replumbed it.
4. We had problems with the chlorine feed and found that the vent was clogged with mud daubers, the problem is now fixed.
5. We had to replace the transducer in the main wet well to the plant.
6. Kevin and I raised a buried manhole in a right of way off of Pine Hill Drive.
7. Kevin worked on the Water company's Blazer which had no heat.
8. Our new DEP inspector was at the plant for a plant inspection; we passed with no problems.