

DATE: April 4, 2016
 SUBJECT: Monthly Report for March 2016
 TO: Washington Township Municipal Authority
 Board of Directors
 FROM: Ed Wilson, Superintendent

| FLOW | | | 1 Hydraulic EDU = 228.6 (gpd) | | Permitted Hydraulic Capacity 1.85 (MGD) | |
|------|-------|-----|--|--------------------|--|--------|
| MIN. | .890 | MGD | EDU's added last month | 2 | Maximum Hydraulic EDU's | 8092 |
| AVG. | 1.075 | MGD | EDU's added this month | 4 | Total Hydraulic EDU's used to date | 5829.5 |
| MAX | 1.420 | MGD | Total EDU's added for 2015 and 2016 | 2015 31 2016 10 | Available Hydraulic EDU's | 2262.5 |

For planning purposes the Wastewater Plant is currently @ 72% of its capacity.

Connections: 12482 Old Pen Mar Road Lot #3
 10309 Foxleigh Circle Lot #18
 10187 Calimer Drive
 10183 Calimer Drive

Comments:

- 1) The bio-solids inventory is currently at 57% of its capacity. We will haul on Tuesday the 5th on our field across the road. We received 48,000 gallons of sludge from Quincy and we received \$2,880 to process it. We have about 600,000 to haul at \$.01 a gallon.
- 2) We had two sewer cameras demonstrated for us this month and while we were at the Pennsylvania Rural Water convention we looked at another camera and gathered information and costs. I am compiling a list of cameras with their costs and my recommendation for the best one suited for us. I also spoke with a company that has a way of sealing manhole leaks from the outside while I was at the convention.
- 3) We rodded lines in Blue Ridge Summit, videoed a couple manhole runs and found leaks, removed roots in several manholes and documented trouble areas that we will address in the near future.
- 4) Monterey Circle pump station was down to one pump and in bad need of replacing the rusting hardware and piping. We completely rebuilt the pump station using two new grinder pumps we had on hand with all stainless steel hardware. We had to excavate outside the wet well and re-plumb the wye and shut off valve. Everything was done in house, and restored and operational within the normal work day.

Major items for the month were:

- 1) We had to replace a transducer in the #2 SBR. The transducer controls the water level in the tank. It's a critical and expensive component but we keep one on hand at all times.
- 2) We had to unclog the Pista several times this month, which means we have to bypass the flow, pump down the pit and clean it out with the Jet Vac.
- 3) We had our yearly inspection by the State, the first time for our new inspector. He had requested seven new items which I supplied him with the next day. Everything else was fine.
- 4) Kevin and I ran conduit, wired up and tested a grinder pump on Calimer Drive for the Township.
- 5) We completed our Whole Effluent Toxicity Test (WETT) and chemical test for our NPDES permit.