

MONTHLY REPORT FOR MAY 2017

WASTEWATER REPORT

TO: Washington Township Municipal Authority Board of Directors
 FROM: Ed Wilson, Superintendent
 DATE: June 2, 2017

FLOW			1 HYDRAULIC EDU = 228.6 (gpd)		PERMITTED HYDRAULIC CAPACITY 1.85 (MGD)	
MIN.	0.920	MGD	EDU's added last month	2	Maximum Hydraulic EDU's	8092
AVG.	1.233	MGD	EDU's added this month	7	Total Hydraulic EDU's used to	5857.5
MAX	2.670	MGD	Total EDU's added for 2016 and 2017	2016 22 2017 18	Available Hydraulic EDU's	2234.5

MONTHLY RAINFALL AT THE PLANT: 3.74"

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

CONNECTIONS:

11225 Gulf Drive Lot # 82
 11338 Cross Fields Drive Lot # 5
 11315 Cross Fields Drive Lot # 57
 10835 Longwood Drive Lot # 50

11219 Gulf Drive Lot # 83
 11267 Cross Fields Drive Lot # 60
 10799 Longwood Drive Lot # 52

COMMENTS:

1. We met all of our parameters for the month of May at the plant.
2. The bio-solids inventory is currently at 24% of its capacity.
3. The Blue Ridge Summit pump station building is completed at a total cost of \$6285.00.
4. On May 5, 2017 we received 3.4" of rain on BRS as compared to .94" at the treatment plant in a very short period of time. I immediately reported it to DEP with a phone call as required, electronic filing of a "Non-compliance" report and a follow up letter. See below some of the action that we have done to address the I & I issues that we have on Blue Ridge Summit..

MAJOR ITEMS FOR THE MONTH:

1. We finished up all of the metal work, wiring and plumbing at the BRS pump station along with the HRI electrician and Kevin diagnosing the transfer switch problem and repairing it.
2. Kyle and Lonnie smoke tested Eastland Hills and videoed BRS main lines and then documented the results.
3. Sherwin Williams did a grouting demonstration on two manholes in BRS, one manhole on Wyndam Avenue had a stream of ground water flowing into it, the grouting foam stopped the flow.
4. We installed the 4" G&R pumps that we removed from the old BRS pump station and installed them in the basement, replumbed, installed the control panel and rewired everything replacing the existing 3" pumps. We can now pump much faster and a greater head from the digesters to the blue storage tank.
5. We cleaned out the blue storage tank, serviced the mixers inside and extended the 6" suction line.
6. We had to cut out a concrete walkway over the trough for the new bar screen, repair some damaged concrete, dam up the flow and clean the trough out with the Jet Vac.
7. I made a lifting boom for the forklift, we can now lift 14' high and we have a reach of 12', with this boom we were able to lift the new bar screen into place and set it into the other trough.