



ZIONSVILLE WASTEWATER DEPARTMENT

MONTHLY REPORT

AUGUST 2018

STATS FOR MONTH	AUG 2018	AUG 2017	AUG 2016
Total Flow	31.65 MG	26.20 MG	28.80 MG
Highest Daily Flow	1.750 MG	1.015 MG	1.574 MG
Average Daily Flow	1.021 MG	0.845 MG	0.929 MG
Precipitation	7.30 IN	1.18 IN	6.39 IN
Percent Plant Capacity	51%	42%	46%
NPDES Violations	0	0	0

Additional Comments:

Dealt with several large storms during the month of August with high winds, lightning, and heavy rains. Had several power outages at the wastewater treatment plant as well as multiple lift station outages throughout the month. The power outages were concentrated to the Duke Energy power lines. A few of these outages were not tied to storms, but to the upgrade work

being done at the Turkeyfoot substation. Had 3 separate storms totaling over 1" of rain in a 24 hour period. The most was 2.00" from August 25th to August 26th. No problems occurred at the treatment plant or lift stations due to any of the rain during the month.

Upgraded the power supply at Boone Village lift station during August. The power was increased from 100 Amps to 150 Amps. The work was performed by Gaylor Electric.

Attended several meetings, during the month, concerning upgrades to the treatment plant, future collection system upgrades, fiber optic install to the treatment plant, and SCADA system upgrade phase 2 and 3.

Completed 2 upgrades at the plant this month. Joe Rust, Director of the IT Department, completed a phone system upgrade in the Admin building with new phones, a new options menu that allows callers to contact the billing department directly with account questions, and voicemail. Straeffer Pump & Repair completed the Boone Village lift station upgrade with 3 new lift station pumps and rail system. This included bypass pumping around the lift station so that the rail system could be changed out.

Lastly, Vectren gas completed the gas meter and service work for the emergency standby generators at Ravinia and Oakridge lift stations. Fredericks Contractors moved the generators to their sites and performed all of the electrical work on the transfer switches and the plumbing.