



ZIONSVILLE WASTEWATER DEPARTMENT
 MONTHLY REPORT
 FEBRUARY 2018

STATS FOR MONTH	FEB 2018	FEB 2017	FEB 2016
Total Flow	35.6 MG	25.4 MG	25.1 MG
Highest Daily Flow	2.72 MG	1.04 MG	1.74 MG
Average Daily Flow	1.27 MG	0.91 MG	0.87 MG
Precipitation	4.31 IN	0.91 IN	2.40 IN
Percent Plant Capacity	64%	45%	43%
NPDES Violations	0	0	0

Additional Comments:

On February 8th, Cummins replaced the Bloor Woods lift station transfer switch. This switch allows the power to be transferred over automatically to the generator during utility line power outages.

Precision Controls began updating PLC's in two different areas within the plant, from an outdated SCADA system, on the 12th. The department could no longer purchase replacement parts, which prompted the action. Precision Controls installed the original equipment in the 2002/2003 plant expansion. Further replacing of equipment will occur in 2018.

The 15th of February began a stretch of 10 out of 11 days with measurable rainfall. After the 11th day (25th), the plant recorded 4.01" of rain and treated a total of 18.74 mg (averages to 1.7 mg/day). The average daily flow at the plant is around 1.05 mg. Saturday's rain was the worst at 1.02" and caused high levels at 2 different lift stations as well as at the plant. The flow has returned back close to normal as of the 28th of the month.