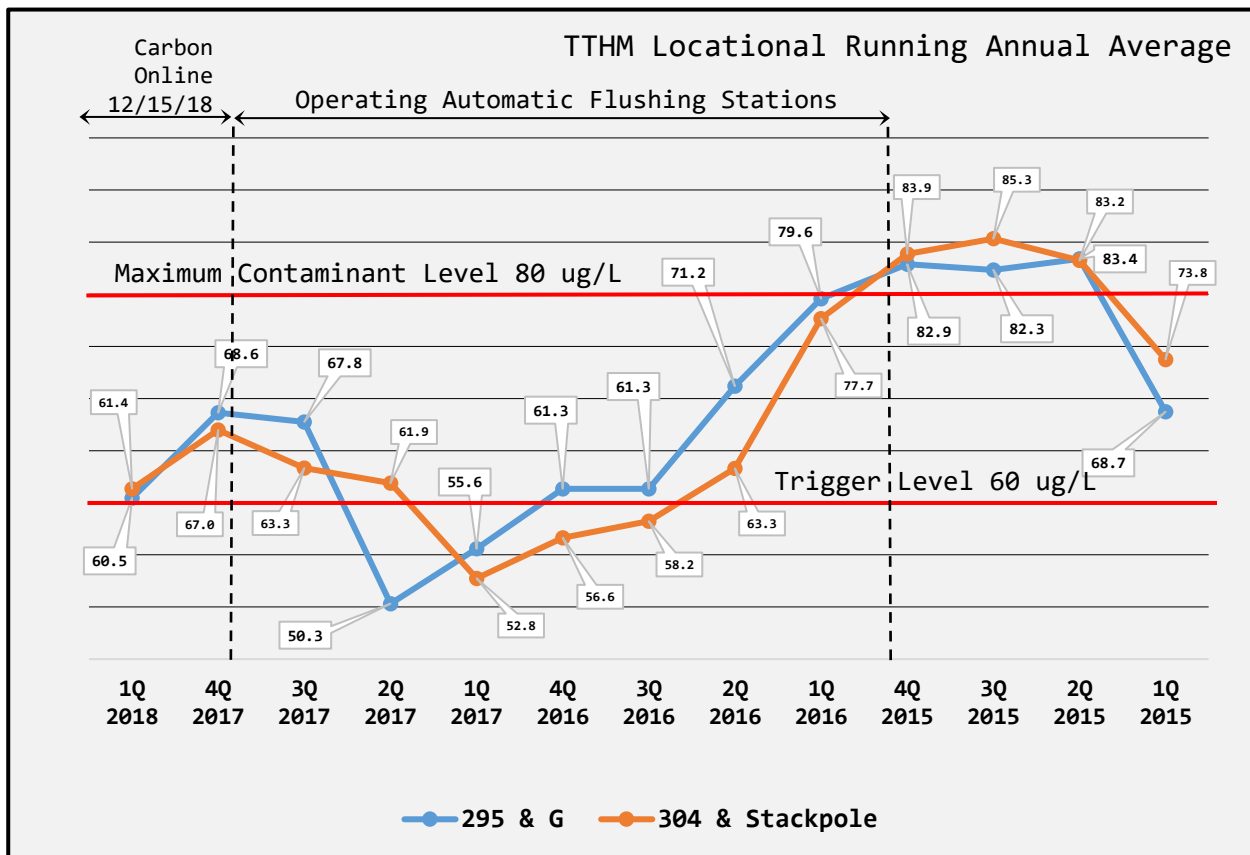


UPDATE ON TTHM (Total Trihalomethane)



THE TRIGGER LEVEL for TTHMs is 60 ug/L or Parts Per Billion (PPB). Because Surfside has at times exceeded 60 PPB, The Department of Health (DOH) requires sampling at two locations four times per year. Samples are collected at two locations designated by DOH, 295th and G Street and 304th and Stackpole.

THE MAXIMUM CONTAMINANT LEVEL (MCL) for TTHMs is 80 PPB. DOH uses a formula called Locational Running Annual Average (LRAA), the average of the past 4 sampling results at one location, to determine TTHM levels. TTHM levels have at times exceeded 80 PPB, so Surfside was required to install treatment to reduce TTHMs.

AUTOMATIC FLUSHING was allowed by DOH as a temporary solution to reduce the time the water sat in the water mains. The more time chlorine and organics are together, the more time they have to create TTHMs. Flushing reduced TTHM levels but it used 100,000 gallons to over 1 million gallons each month.

CARBON FILTRATION was installed on December 15th to remove organics that react with chlorine and create TTHMs. Currently TTHMs are on a downward trend. Carbon filtration has also reduced the color in the water. Organics are likely still in the reservoirs and water mains so it may take time to see TTHMs drop and stay below 60 PPB.

UPDATE ON TTHM (Total Trihalomethane)