March’s Dry Day Flow is the average of all dry weather influent flows over the previous 365 days from 4/1/2016 to 3/31/2017. The Dry Day Flow for the month was 252.3 MGD, well below the permit limit of 436 MGD.

In March, both the weekly and monthly concentrations of TSS were below permit limits. The elevated TSS Monthly Avg and Max Weekly Avg for the last three (3) months were due to the impacts of several significant snow/rain events resulting in high plant flow days and a slight decrease in removal efficiencies.

TSS, or Total Suspended Solids, in the effluent is a measure of the amount of solids that remain suspended after treatment.

In March, both the weekly and monthly concentrations of cBOD were well below permit limits. cBOD, or Carbonaceous Biochemical Oxygen Demand, is a measure of the amount of dissolved oxygen required for the decomposition of organic materials in the environment.

In March, both the maximum daily and monthly concentrations of TCR were below permit limits. Both the TCR Monthly Avg and the TCR Daily Max values were non-detectable at 40 ug/L from July through March. Therefore, both parameters appear to be represented by the same trendline in the above graph.

TCR, or Total Chlorine Residual, in the effluent is a measure of the amount of chlorine that remains after the disinfection/dechlorination process. If the chlorine residual in the effluent is too high, it may threaten marine organisms.

In March, all permit conditions for Fecal Coliform were met. Fecal Coliform is an indicator for the possible presence of pathogens. The levels of these bacteria after disinfection show how effectively the plant is inactivating many forms of disease-causing microorganisms.

There are four (4) conditions in the permit that must be met: daily geometric mean; weekly geometric mean; 10% of all samples in a month; and greater than three (3) consecutive samples not to exceed 14,000 colonies/100mL.