In July, all pH measurements were typical for the season and within permit limits. pH is a measure of the acidity or basicity of the effluent. Small fluctuations in pH do not have an adverse effect on marine environments. Because pure oxygen is used in the activated sludge reactors, the effluent pH tends to be at the lower pH range.

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

In July, all permit conditions were met. Fecal Coliform is an indicator of the 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 4 conditions in the permit that must be met: daily geomean; a weekly geomean; 10% of all samples; and greater than three consecutive samples not to exceed 14,000 col/100mL.