**Plain Language Summary for TPDES**

*The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application*.

Harris County Fresh Water Supply District No. 6 (CN600624720 ) operates the HCFWSD wastewater treatment plant (RN102287539) an activated sludge process plant operated in the complete mix mode. The facility is located 117 Tower Street, in Channelview, Harris County, Texas 77530.

This application is for a renewal to discharge at an annual average flow of 400,000 gallons per day of treated domestic wastewater via outfall.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent and Domestic Worksheet 4.0 in the permit application package. Domestic wastewater is treated by an activated sludge process plant and the treatment units include a bar screen, a grit chamber, aeration basins, final clarifiers, sludge digesters, drying beds, chlorine contact chambers and a dechlorination chamber.