**ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS**

**DOMESTIC WASTEWATER**

*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 Municipal Utility District No. 500 (CN603139999 ) operates Harris County Municipal Utility District No. 500 Cypress Creek Wastewater Treatment Plant RN105693774. an activated sludge process plant operated in the compete-mix mode. The facility is located at 17035 Mound Road, in Cypress, Harris County, Texas 77433.

This application is for a renewal to discharge at a daily average flow of 280,000 gallons per day of treated domestic wastewater via Outfall 001.

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 in the permit application package. Domestic wastewater is treated byan activated sludge process plant and the treatment units will include a mechanical screen, aeration basins, final clarifiers, sludge digesters, and chlorine contact chambers.