**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*.

Brazoria County Municipal Utility District No. 55 (CN603151176 ) operates Brazoria County MUD 55 Wastewater Treatment Plant (RN105177208) a Domestic Wastewater Treatment Plant. The facility is located at 4320 ½ Meridiana Parkway, in Rosharon, Brazoria County, Texas 77583.

This application is for a Major Amendment to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 1,200,000 gallons per day via plant site to West Fork Chocolate Bayou, thence to Chocolate Bayou Above Tidal in Segment No. 1108 of the San Jacinto-Brazos Coastal Basin.

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 (Ecoli*). Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. The domestic wastewater will be treated byan activated sludge complete mix mode plant and the treatment units will include an on-site lift station, a mechanical fine screen, ten (10) aeration basins, three (3) final clarifiers, four (4) aerobic digesters, and three (3) chlorine contact basins. Chemical disinfection is achieved by chlorine gas.