## Plain Language Summary Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

**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*.

Charterwood Municipal Utility District (CN601130263) operates Charterwood Municipal Utility District Wastewater Treatment Plant (RN102358892), an activated sludge process plant operated in the complete mix mode. The facility is located at 15820 Quill Drive, in Houston, Harris County, Texas 77070.

This application is for a renewal to discharge at an annual average flow of 1,650,000 gallons per day of treated domestic wastewater via an outfall.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N), total dissolved solids (TDS), total chloride, total zinc, 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 include a manual bar screen, aeration basins, clarifiers, digester, chlorine contact chambers, and a dechlorination chambers.