## 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*.

Northwest Harris County Municipal Utility District No. 5 (CN600737639 ) operates Northwest Harris County Municipal Utility District No. 5 Wastewater Treatment Plant No. 1 (RN101400414) an activated sludge with nitrification process treatment facility. The facility is located 14950 Cypress Green Drive, in Cypress, Harris County, Texas 77429.

This application is for a renewal to discharge 800,000 gallons per day of treated domestic wastewater.

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 byan activated sludge with nitrification process and the treatment units include bar screens, an anoxic zone, aeration basins, clarifiers, chlorine contact basin, and digesters.