**DOMESTIC WASTEWATER TPDES RENEWAL APPLICATION**

*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 District No. 434 (CN602979916 ) operates Harris County MUD 434 WWTP (RN104544648), a wastewater treatment plant. The facility is located at 15348 House Road, in Cypress, Harris County, Texas 77433.

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 into a Harris County Flood Control ditch thence to Cypress Creek.

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 with treatment units that include a bar screen, aeration basins, final clarifiers, sludge digesters, and a chlorine contact chamber.