**Plain Language Summary for Texas Pollutant Discharge**

**Elimination System (TPDES) and Texas Land Application**

**(TLAP) Permit Applications**

ENGLISH SUMMARY:

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*.

City of Houston (CN600128995) operates Tidwell Timbers Wastewater Treatment

Facility (RN101611069), an activated sludge treatment facility. The facility is located at

10545 Tidwell Road, in Houston, Harris County, Texas 77078.

This application is for a renewal to discharge an annual average flow of 488,000

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), total

Kjeldahl nitrogen (TKN), and Escherichia coli. Additional potential pollutants are

included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated

Effluent. Domestic wastewater is treated by activated sludge. Treatment units include

aeration basins for biological treatment, a secondary clarifier for solids settling, and a

chlorine contact basin for disinfection. Solids from the plant are processed in an

aerated holding tank and a digester.