

Section 15. Plain Language Summary (Instructions Page 40)

If you are subject to the alternative language notice requirements in 30 Texas Administrative Code §39.426, **you must provide a translated copy of the completed plain language summary in the appropriate alternative language as part of your application package.** For your convenience, a Spanish template has been provided below.

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.

City of Houston (CN600128995) operates the Kingwood West Wastewater Treatment Facility (RN101720795), an activated sludge-combined biological nitrification wastewater treatment facility. The facility is located at 26808 Sorters Road, in Porter, Montgomery County, Texas 77365.

This application is for a permit renewal to discharge an annual average flow of 1,500,000 gallons per day in the Interim Phase and an annual average flow of 2,000,000 gallons per day in the Final Phase 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, and E. coli. Additional potential pollutants are included in the permit application package in Domestic Technical Report 1.0, Section 7 – Pollutant Analysis of Treated Effluent and Domestic Technical Report 4.0. Domestic wastewater is treated by activated sludge – combined biological nitrification. Treatment units include bar screens for preliminary treatment; aeration basins, influent channels, and mixed liquor channels for biological treatment; secondary clarifiers for solids settling; a sludge thickener for waste sludge concentration; sludge holding tanks for temporary solids storage, and chlorine contact basins for disinfection. Solids from the facility are trucked offsite for further treatment and disposal.

