

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.

The City of Houston (CN600128995) operates Almeda Sims Wastewater Treatment Facility (RN100217140), an activated sludge system operated in complete mix mode. The facility is located at 12319 1/2 Almeda Road, in Houston, Harris County, Texas 77045.

This application is for a renewal to discharge at an annual average flow of 28,000,000 gallons per day of treated domestic wastewater via Outfall 001. The existing permit also authorizes on-site processing of Class A biosolids for marketing and distribution.

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 parameters 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 by an activated sludge process plant. Treatment units include an influent channel with bar screens, aeration basins, secondary clarifiers, a return sludge channel, a mixed liquor distribution channel, and chlorine contact basins followed by dechlorination. Biosolids processing units include rotary drum screens, sludge thickeners, aerated sludge holding tanks, sludge day tanks, belt filter presses, polymer addition, pelletizers, rotary drum dryers, and storage silos.

