

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.

306 Properties, LP (CN606222149) proposes to operate Chapel Creek Wastewater Treatment Plant (RN111886644). a domestic wastewater treatment plant. The facility will be located approximately 1.3 miles northwest of the intersection of FM 306 and Lackey Ranch Road, in New Braunfels, Comal County, Texas 78132.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD₅), total suspended solids (TSS), ammonia nitrogen (NH₃-N), total phosphorus (P), and Escherichia coli. Domestic wastewater will be treated by a *suspended grown activated sludge process in the extended aeration mode*. The treatment units include an influent screening system, aeration basin, clarifier, chlorine contact basin and an aerobic digester. Wastewater will be pumped into the plant where it will enter through a screen. The influent will then pass through the aeration zone and flow into a clarifier. From the clarifier, the effluent will flow to a chlorine contact basin for disinfection prior to tertiary filtration. From there the effluent will be routed to an effluent storage pond. The effluent will then be disposed of via spray irrigation. This facility will also utilize a digester for sludge holding and reduction of solids prior to haul off. . This permit will not authorize a discharge of pollutants into water in the state.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD₅), total suspended solids (TSS), ammonia nitrogen (NH₃-N), total phosphorus (P), and Escherichia coli. Domestic wastewater will be treated by the facility which is to be constructed in three phases with a total design flow of approximately 200,000 gpd. Phases I and II will treat approximately 50,000 gpd each, the Final Phase will treat approximately 100,000 gpd. Each phase will operate as suspended-growth activated sludge process in the extended aeration mode.

