

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.

XS Ranch MUD (CN604519090) proposes to operate XS Ranch Wastewater Treatment Facility RN105752687. a domestic wastewater treatment plant. The facility will be located approximately 4 miles North West of the City of Bastrop, in Bastrop, Bastrop County County, Texas 78602.

13. Enter summary of application request here.

Discharges from the facility are expected to contain no pollutants. Domestic wastewater will be treated by the facility which is to be constructed in three phases with a total design flow of approximately 990,000 gpd. The proposed wastewater treatment facility will be constructed in three phases of 0.1 MGD, 0.5 MGD, and 0.99 MGD. The first phased facility will be a packaged type activated sludge plant using the extended aeration mode of treatment. Specific treatment components will include a grit chamber/bar screen at the headworks, an aeration basin, a clarifier, and finally a chlorine contact chamber. Treated wastewater will be discharged via a pipe for transportation and discharge to the Colorado River. Activated sludge from the clarification will be partially returned to the activated sludge aeration basin and partially wasted to an aerobic digester sludge holding facility. The waste sludge will be partially digested and periodically withdrawn from the aerobic digester for contract hauling and final treatment and disposal at the City of Austin's Walnut Creek wastewater Treatment Facility. The second phase facilities will provide treatment up to 0.5 MGD using two site-constructed 0.25 MGD circular type activated sludge facilities utilizing the conventional complete mix aeration mode with nitrification. The second phase facilities will include a grit chamber/bar screen headworks, a splitter box, an aeration basin, a clarifier, and finally a chlorine contact chamber prior to discharge in a pipe and thence to the Colorado River. Activated sludge from the clarifier will be partially returned to the activated sludge aeration basin and partially wasted to an aerobic digester/sludge holding facility. The waste sludge will be partially digested and periodically withdrawn from the Walnut Creek Wastewater Treatment Facility. The third phase will provide treatment up to 0.99 MGD with the addition of a 0.49 MGD circular type activate sludge facility utilizing the conventional complete mix aeration mode with nitrification. This third phase 0.49 facility will operate parallel to the previously constructed 2-0.25 MGD facilities with the installation of a second splitter box capable of providing flow splitting to half flow splits. The operation of the third phase facilities will be identical to the second phase facilities with the exception of size.