**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*.

Atlas Ranch Holdings, LP (CN#606063434 ) proposes to operate Atlas Ranch WWTP RN#111578902. a wastewater treatment facility. The facility will be located 0.88 miles west-northwest of the intersection of County Road 305 and County Road 344, in Jarrell, Williamson County, Texas 76537.

This is a new application to treat up to 725,000 gallons per day of treated wastewater. 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), and *Escherichia coli.*. Domestic wastewater will be treated by The treatment system will be an activated sludge process operated in complete mix mode followed by ultra-filtration and UV disinfection. Atlas Ranch WWTF will be an MBR system consisting of several cast-in place structures. The system will have a primary screen, an equalization basin, multiple process trains consisting of anoxic, pre-aeration, and membrane zones, and a sludge holding basin. The facility will utilize UV disinfection.