**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*.

Armstrong Loop Utility, LLC and Armstrong Loop Salado Property Investors, LLC (CN606157691 & CN606157717) propose to operate Armstrong Wastewater Treatment Facility (RN111769105) a conventional activated sludge facility with membrane bioreactor (MBR) solids separation. The facility will be located approximately 2,950 feet southwest from the eastern intersection of Armstrong Loop and FM 2268, in Salado, Bell County, Texas 76571.

This application is for a new permit to discharge treated domestic wastewater at a daily average flow of 990,000 gallons per day via Outfall 001.

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 bya conventional activated sludge facility with MBR solids separation. The treatment units include a headworks with automatic fine screen, flow equalization (EQ), anoxic basins, aeration basins, MBR solids separation, ultraviolet light (UV) disinfection, odor control, and a sludge dewatering screw press.