**ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS**

**INDUSTRIAL WASTEWATER/STORMWATER**

*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*.

Texas A&M University (CN 600307623 ) operates the Brayton Fire Training Field (RN 102077849), a firefighter training facility. The facility is located at 1595 Nuclear Science Road in College Station, Brazos County, Texas 77843.

The facility is requesting renewal of TPDES permit WQ0002585000.

Discharges from the facility are expected to contain chemical oxygen demand, total petroleum hydrocarbons, total dissolved solids, total suspended solids, biochemical oxygen demand, total aluminum, total copper and dissolved oxygen. Process wastewater is treated bythe wastewater treatment plant on site. The facility generates process wastewater during firefighting training activities. Firefighting training is conducted in two areas of the facility - Upper and Lower Fields. The firefighting props are steel shells which are set on concrete pads. During firefighting training exercises, the stationary props are ignited. Firefighting trainees use water, fire suppressant foams, and chemical extinguishers to extinguish the blazes. Process wastewater and the first flush of stormwater from the Lower Field are both collected and pumped from a lift station to a diversion box south of Cormier Street. Process wastewater and the first flush of stormwater from the Upper Field both flow by gravity through collection ditches to the diversion box where it mixes with the Lower Field water. The combined stream flows through gravity through the rotary drum screen to remove debris, and then to a grit chamber to remove heavy solids. This combined stream is then further treated by the Wastewater Treatment Plant (WWTP).

The facility is requesting renewal of TPDES Permit WQ0002585000 to discharge effluent not exceeding an average flow of 2.0 million gallons per day and a maximum flow not exceeding 2.4 million gallons per day.