## Plain Language Summary (English)

## Texas Pollutant Discharge Elimination System (TPDES) Permit Application WQ0016216001

Buffalo Hills Development, LLC (CN606057081 ) proposes to operate Buffalo Hills Wastewater Treatment Plant RN 111566816. a domestic wastewater treatment facility. The facility will be located 0.4 miles north of the intersection of County Road 213 and Farm-to-Market Road 2258, in Venus, Ellis and Johnson Counties, Texas 76084.

This application is a new application to discharge up to 850,000 gallons per day of treated domestic wastewater.

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*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. All phases of the domestic wastewater treatment plant will consist of an activated sludge process plant using complete mix mode. Treatment units consist of a bar screen, an aeration basin, aerobic digester, clarifier and chlorine contact chamber and dichlorination.