## Plain Language Summary (English)

## Texas Pollutant Discharge Elimination System (TPDES) Permit Application WQ0016243001

Circle S Midlothian, LLC (CN606072684 ) proposes to operate Circle S Wastewater Treatment Plant RN 111594974. a domestic wastewater treatment facility. The facility will be located approximately one mile northeast of the intersection of Murr Road and Farm-to-Market Road 157, in Ellis County, Texas 76084.

This application is a new application to discharge up to 950,000 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 dechlorination.