**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*.

Bilma Public Utility District (CN601047723) operates the Bilma PUD Wastewater Treatment Facility (RN101917433). an activated sludge process plant operating in the single stage nitrification mode that uses rotating biological contactors. The facility is located at 5520 Winding Ridge Drive, in Harris County, Texas 77379.

This application is for a renewal to discharge at an annual average flow of 740,000 gallons per day of treated domestic wastewater.

Discharges from the facility are expected to contain 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. Domestic wastewater is treated byan activated sludge process plant and the treatment units include a bar screen, aeration basins, final clarifiers, sludge digesters, rotating biological contactors, and chlorine contact chambers.