Plain Language Summary - **TPDES New Application**

Austin Mark Ventures LLC (CN606022515) proposes to operate the Staples Subdivision Wastewater Treatment Plant (RN111485256), a membrane bioreactor treatment plant. The facility will be located approximately 0.45 miles southwest of the intersection of Farm-to-Market Road 621 and Farm-to-Market Road 1339 in Guadalupe County, Texas 78655.

This application is for a new application to discharge at a daily average flow of 200,000 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. Domestic wastewater will be treated in a membrane bioreactor (MBR) wastewater treatment system and the treatment units will include a mechanical auger screen, equalization basin, aeration tanks, membrane bioreactor trains and a chlorine contact chamber.