## Plain Language Summary Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

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

**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*.

Municipal Operations, LLC (CN605108091) proposes to operate Guajolote Ranch WRRF (RN111506457), a cyclically aerated, flow-through activated sludge process designed for biological nutrient removal with chemical phosphorous removal capability. The plant will be biochemically designed as an extended aeration plant. The facility will be located approximately 1.75 miles west-southwest of the intersection of Scenic Loop Rd and Babcock Rd, in Grey Forest, Bexar County, Texas 78023.

This application is for a new application to discharge at a daily average flow of 1,000,000 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), Total Phosphorus (TP), Dissolved Oxygen (D), and Escherichia coli. Domestic wastewater will be treated byan activated sludge process and the treatment units will include bar screens, anaerobic selectors, aerobic/anoxic zones, clarifiers, aerobic digesters, and chlorine contact basins.