**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*.

NORTHWEST HARRIS COUNTY MUD 9 (CN 600737928 ) operates NORTHWEST HARRIS COUNTY MUD 9 WWTP (RN 103124319). a Activated sludge wastewater treatment facility that uses aeration to RBC and floating brush aeration to post aeration to clarifiers to clean the water. The facility is located 11023 Regency Green Dr., in Cypress Harris County, Texas 77429.

This application is to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 950,000 gallons per day of treated domestic wastewater via Outfalls 001.

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 and Domestic Worksheet 4.0 in the permit application package. Domestic wastewater is is treated byan activated sludge process plant and the treatment units include a bar screen, a grit chamber, aeration basins, final clarifiers, sludge digesters, a belt filter press, chlorine contact chambers.