Aqua Texas, Inc.

WQ0014032001

English Plain Language Summary

Aqua Texas, Inc. ((602062463), operates the Stable Gate Wastewater Treatment Plant (RN102343720)), a domestic wastewater permit. The facility is located at 15515 Stable Park Drive, in Cypress, Harris County, Texas 77429.

Renewal to discharge 200,000 gallons per day of treated domestic wastewater. Discharges from the facility are expected to contain: CBOD(5), Total Suspended Solids, Ammonia Nitrogen, and E. coli. This is a .20 MGD activated sludge facility operated in the complete mix mode. Treatment units include a bar screen, aeration basins (2), clarifier, chlorine contact chamber and aerobic digesters (2). From the lift station effluent flows through a coarse bar screen to the aeration basin. The mixed liquor then flows to the clarifier where solids settle to the bottom and clear water flows over the weirs. Effluent then flows into the chlorine contact chamber and then to the receiving stream. Solids in clarifier will either be pumped to the digester or to the aeration basin.