

City of Wharton – WWTP No. 2
Plain Language Summary

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.

The City of Wharton (CN600241335) operates the City of Wharton wastewater treatment plant No. 2 (RN101612661), an activated sludge process plant operated in the extended aeration mode. The facility is located at 2227 Highway 59 Loop S, in the City of Wharton, Wharton County, Texas 77488.

This application is for a renewal to discharge at a daily average flow of 500,000 gallons per day of treated domestic wastewater and a major amendment to authorize relocating the permitted outfall.

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. Domestic wastewater is treated by an activated sludge process plant and the treatment units include a bar screen, an oxidation ditch, final clarifiers, sludge digesters, and chlorine contact chambers.