

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.

The City of Canadian (CN600244172) operates the Canadian Wastewater Treatment Plant RN101613313. an anaerobic treatment plant . The facility is located northeast of the City of Canadian, approximately 0.5 miles east of U.S. Highway 60 and one miles north of Farm-to-Market Road 2388 at the east of the fairgrounds, in Canadian, Hemphill County, Texas 79014.

This application is for a renewal to discharge a daily average flow not to exceed 440,000 gallons per day of treated domestic wastewater.

Discharges from the facility are expected to contain five-day biochemical oxygen demand (BOD₅), 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 is treated by an anaerobic treatment plant and the treatment units include a facultative lagoon, two stabilization ponds, and a chlorine contact chamber.