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

**DOMESTIC WASTEWATER**

*The following summary is providedfor 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.*

NextEra Water Texas, LLC (CN606040012) operates Caddo Village Wastewater Treatment Facility RN102187218. a domestic wastewater treatment facility. The facility is located at 8950 West Buffalo Circle, in Willis, Montgomery County, Texas 77378.

A permit renewal application was submitted on March 28, 2022 to renew TPDES Permit No. WQ0012670001, which authorizes the discharge of a maximum flow of 175,000 gallons per day of treated domestic wastewater from the Caddo Village Wastewater Treatment Facility.

Discharges from the facility are expected to contain total suspended solids, E. coli, and ammonia nitrogen. Domestic wastewater is treated by *a single stage nitrification conventional activated sludge treatment plant with an on-site lift station. The lift station pumps the wastewater to the manual bar screen where the screenings are removedfrom the.flow and deposited into a covered bin daily. Flow then moves into the aeration basins where coarse bubble aeration is applied, and oxidation of the organics and nitrification occurs after which the wastewater is settled in the secondary clarifier and then disinfected in the chlorine contact basin before being discharged. Waste sludge is removed from the secondary clarifier to the aerobic digester where it is aerobically stabilized before being hauled away by the sludge hauler.*