**Plain Language Summary for**

**Texas Pollutant Discharge Elimination System (TPDES)**

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**September 12, 2022**

**English version**

Lake Forest Plant Advisory Council (CN 601122187) operates the Lake Forest Regional Wastewater Treatment Plant (RN 102079688), an activated sludge process plant operated in the complete mix mode. The facility is located at 14500 Balcrest Drive, Houston, Harris County, Texas 77070.

This application is for a renewal to discharge at an annual flow not to exceed 2,760,000 gallons per day of treated domestic wastewater to Cypress Creek in Segment No. 1009 of the San Jacinto River Basin.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N), nitrate nitrogen (NO3-N), total Kjeldahl nitrogen (TKN), sulfate (SO42-), chloride (Cl-), total phosphorus 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 treated by an activated sludge process plant and the treatment units include aeration basins, clarifiers, aerobic digesters, a thickener, chlorine contact basins, and a bar screen.