*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 Forest Glen Inc. (RN103015376) operates the Forest Glen Wastewater Treatment Plant (EPA I.D. No. TX0071765) located at 34 Forest Glen, in Walker County, Texas 77340.

Discharges from the facility are expected to contain seven-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. Pollutant Analysis of Treated Effluent in the permit application package. The treatment facility is activated sludge system that consists of a series of cylindrical fiberglass tanks, all of which are covered (except the clarifier). Raw sewage enters the facility through a bar screen and enters the lift station. It is pumped from the lift station using 1 or more of the three grinder pumps. The influent will enter either of the aeration tanks. During the summer when there are higher volumes, the influent starts in aeration tank #3 where it is mixed by air with RAS from the clarifier. It then goes through aeration tank #2, and then to aeration tank #1. During the late Fall, aeration tank #3 is taken offline. The influent then leaves aeration tank #1 and goes into the clarifier to settle out. The sludge from the bottom of the clarifier returns back to the first aeration tank where the cycle starts over or can be wasted to the digester. Periodically the digester air diffusers are turned off to let the water and solids separate and the supernatant is decanted back to the lift station to start the treatment process over. Any liquid in the clarifier that overflows the weir is Chlorinated and travels to the contact chamber. There it is aerated and moves through a series of baffles before it passes under the beam of an ultrasonic flow meter and through a V notch as it is discharged.

This application is for a renewal to dispose a daily average flow not to exceed 40,000 gallons per day of treated domestic wastewater. It is discharged through a 6” pipe from the plant site to an unnamed tributary; thence to Johnson Creek; thence to East Fork San Jacinto River.