

PROJECT EXPERIENCE

Design South Professionals, Inc.

Project

Generostee Creek Wastewater
Treatment Plant Upgrade
Anderson, South Carolina

Client

City of Anderson
401 South Main Street
Anderson, South Carolina 29624

Scope

Planning, preliminary design, final design, and construction administration as well as observation services for the following:

- Construction of a new Sludge Press Facility to house a 1.5 meter belt filter press, sludge pumps, polymer blending units and related appurtenances.
- Expansion of the two 2nd Stage Trickling Filters. The 3.5 MGD train was expanded from 107'-0" to 163'-0" in diameter. The 2.7 MGD train was expanded from 100'-0" to 140'-0" in diameter.
- Upgrade of the existing Influent Pumps. The two 100 HP pumps were upgraded to 200 HP with related piping and valve work. This increased the rate pumping capacity of the Influent Pump Station from approximately 10,800 GPM to approximately 14,000 GPM.
- Upgraded the existing recirculation pumps. The three 15 HP pumps were upgraded to 25 HP pumps and the three 25 HP pumps were upgraded to 40 HP pumps with related piping and valve work. Also, a recirculation sump pump pit was constructed.



Cost
\$2,900,000

Completed 1999

