

PROJECT EXPERIENCE

Design South Professionals, Inc.

Project

12 MGD Expansion to the
Don L. Moore Water Treatment Plant
Easley, South Carolina

Client

Easley Combined Utilities
Easley, South Carolina

Scope

Planning, preliminary design, design, bidding, and construction services for an expansion to Easley's existing water treatment facilities. The 12 MGD expansion includes:

- ◆ New raw water intake and pump station. The pump station will house three (3) 300 hp vertical turbine pumps, with space for a fourth pump.
- ◆ New 12 MGD, cast-in-place concrete water treatment train, including two-stage rapid mix, sixteen (16) flocculation basins, two (2) sedimentation basins, and four (4) filters.
- ◆ New 5 MG cast-in-place concrete finished water storage and pump station. The pump station will house five (5) 800 hp vertical turbine pumps, one of which will be used as a filter backwash water supply pump.
- ◆ New 4,600 square feet chemical feed building, which will include new chemical storage and feed equipment.
- ◆ New residuals handling equipment, converting two existing tanks to a sludge thickening tank and a backwash water holding tank.
- ◆ Miscellaneous demolition and improvements to the existing Administration Building for building code compliance and finishes replacement.



Cost
\$16,900,000

Completed
2004

