



# Saluda Lake Restoration Easley Combined Utilities

Design South provided professional engineering services for one of the largest dredging projects in the Upstate of South Carolina. The project involved the removal of sand and sediments that have accumulated in the upper area of Saluda Lake due to soil erosion from the watershed. In many areas the lake was completely filled with sediment and overtaken by upland vegetation. In other areas the water was too shallow to allow usage of the lake or to provide adequate support for a diverse mixture of aquatic flora and fauna.

## Scope:

- Protect the water quality of the lake regarding its aquatic life and the Don L. Moore Water Treatment Plant.
- Recapture lake storage that has been lost due to sediment accumulation upstream of the water plant.
- Improve recreational opportunities for property owners and the public in the upper reach of the lake.

Part of the design process was to obtain multiple environmental permits for the removal of the material from SCDHEC, SCDNR, US Army Corps of Engineers, US Fish and Wildlife and Pickens County.

The project included mechanical dredging of 320,000 cubic yards of sediment from the upper 100 acres of the lake.

The Project: Preliminary Engineering Report  
Preliminary Design  
Field Location Survey  
Final Design  
Construction Services

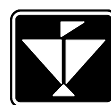
Contract Value: \$6,128,000

Contract Period: 660 days

Principal Contractor Philips & Jordan, Inc.



WATER RESOURCES



**DESIGN SOUTH**  
**PROFESSIONALS, INC.**  
engineers architects planners