

**Final Performance Report**  
**State Wildlife Grant T-11-1-R**  
Oct. 1, 2006 – Sept. 30, 2008

**Title:** Restoration of Longleaf Pine Forests on State-Owned Lands

The objective of T-11-1-R was to restore longleaf pine forests and associated herbaceous species on a minimum of 1,000 acres of state-owned lands. Accomplishments included herbicide treatment of 45 acres of established longleaf stands to reduce competing hardwood vegetation on three SCDNR-owned heritage preserves. Twenty-five acres of new longleaf plantings (8,000 seedlings) were established on Little Pee Dee River Heritage Preserve and 8500 containerized longleaf pine seedlings were interplanted within 42 acres of sparse existing stands of longleaf pine on Longleaf Pine Heritage Preserve. Re-establishment and/or improvement of 14 miles of firebreaks and prescribe burning of 1,213 acres of longleaf stands occurred on Woods Bay and Longleaf Pine Heritage Preserves. Aerial herbicide site preparation and planting of 14,000 longleaf pine seedlings was conducted to convert 25 acres to longleaf pine on Congaree Bluff Heritage Preserve. Site preparation and planting of 25 acres of longleaf pine was accomplished at Janet Harrison High Pond Heritage Preserve. Herbicide release of competing vegetation with 40 acres of longleaf was conducted at Longleaf Pine and Lynchburg Savannah Heritage Preserves. Understory brush control was utilized in 140 acres of longleaf stands at Webb Wildlife WMA. The construction of 18 miles of new firelanes at Lewis Ocean Bay Heritage Preserve was also accomplished as well as 162 acres of site prep and longleaf pine establishment at Woodbury WMA. McBee WMA underwent 8 acres of longleaf planting while 25 acres of longleaf plantings were done at Hamilton Ridge WMA. Site prep and planting of 831 acres of longleaf pine at Manchester State Forest was also accomplished. Mechanical understory control of competing vegetation in 32 acres of longleaf pine stands at Lewis Ocean Bay Heritage Preserve and herbicide timber stand improvement of 40 acres at McBee WMA was completed. The total longleaf habitat improvements made equaled 1,510 acres with new longleaf pine stands established on 1,135 acres.