

Jackson Island Native Plant Restoration and Expansion Project

2006 Accomplishments

The project involves the conversion of an existing 15 acre field to native grasses and promote expansion of the existing river cane present on Jackson Island. The project outline consisted of three basic steps for native grasses: 1) treat existing exotic grasses, 2) seed with native grasses and forbs, and 3) maintain by burning and mowing. Two of the native grass restoration steps were completed in 2006. The fields were bushhogged, burned, treated with herbicide, and seeded using seed provided by the Tennessee Wildlife Resources Agency (TWRA). Initial herbicide treatments failed to remove all of the Johnson Grass and *Microstegium*, so additional spot herbicide treatments were made. Burning, spot herbicide treatment, and spot seeding will be completed in 2007.

River cane restoration was also a three step process: 1) treat competing exotic species, 2) daylight edges of canebrakes, and 3) burn to promote expansion. Two of the river cane restoration steps were also completed in 2006. Burning and herbicide treatments were completed to control competing vegetation. Existing edges were GPS'd and treatment areas identified. Daylighting activities are planned for winter 2006, followed by prescribed burning and spot treatment of exotic species (if required in 2007). Due to additional treatments required to control exotic species, project will be extended into 2008 in order to obtain project objectives and monitor progress.



Field seeded with native grass and forbs.



Post burn view of river cane stand.

Year Awarded: 2006

Project completion: 2008

Report number: 1 of 3

Expenditures:

- FY06 funding \$17,500
expend \$4,000;
\$13,500 remaining

Partners/Contractors/Coop: TWRA

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