

## **Big Shoals State Park**

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### **Resource Management Component Objectives**

#### **Hydrology**

- Assess the park's hydrological restoration needs.
- Restore hydrological conditions to approximately 1.5 acres of blackwater stream and 12 acres of floodplain swamp natural communities.
- Evaluate and mitigate the impacts of soil erosion in the BSPL.

#### **Natural Communities**

- Encourage interagency planning meetings/briefings prior to each year's burn season to review burn plans, fuel conditions, resource availability and tactics.
- Maintain 2,000 acres within the optimum fire return interval. Conduct natural community/habitat improvement activities on 15 acres of upland mixed woodland natural community.
- Conduct natural community/habitat improvement activities on 10 acres of sandhill natural community.
- Conduct natural community/habitat improvement activities on 26 acres of mesic flatwoods and upland mixed woodland natural community.
- Conduct natural community/habitat improvement activities on 1 acre of upland mixed woodland natural community.
- Evaluate former Southern Pine Beetle harvest areas to identify appropriate actions to remove/reduce loblolly pine recruitment and re-establish native vegetation.

#### **Imperiled Species**

- Update baseline imperiled species occurrence list.
- Continue existing monitoring protocols for 2 imperiled animal species.
- Develop new monitoring for 1 selected imperiled plant species.

#### **Invasive and Nuisance Species**

- Annually treat all known populations of invasive plant species in BSSP.
- Prevent the introduction and spread of invasive plants onto the BSSP property.
- Survey the entire BSSP property for invasives at least 2 times over 10 years.
- Implement control measures on 1 invasive animal species in the BSSP property.

#### **Cultural Resources**

- Assess/evaluate 20 of 20 recorded cultural resources in the park.
- Compile reliable documentation for all recorded historic and archaeological resources.
- Bring 1 of 22 recorded cultural resources into good condition.