

**NFWMD Semi-annual Compliance Inspection Field Form**

**Date of Site Inspection:** 7/10/12

**Site: Perdido Phase II Restoration**

Watershed: Pensacola Bay and River

Site Inspection Conducted by: David Clayton, Steve Brown, Tyler Macmillan and Danny Dean

**Background:** In 2006, the NFWMD purchased 5,456 acres of wetlands and forested upland buffers in the Perdido watershed from the International Paper Company (IP) and established the Perdido River Water Management Area (WMA). These lands are being preserved and managed for ecological integrity in perpetuity. Long-term natural resource management activities may include, where appropriate, prescribed fire, exotics control, road closures, erosion stabilization and hydrologic improvements, restoration of vegetation communities, and other BMPs. "Phase II" mitigation will consist of the restoration of ~67 acres to a mixture of hydric pine flatwoods, forested mixed wetlands, and mesic pine flatwoods.

**Expected date of next burn for hydric pine flatwoods:**

December - February 2013

**Hydrologic Improvements: completion dates**

Completed 8/2009

<b>Performance Standards:</b>	<b>Hydric Pine Savannah (10 acres) Restored</b>	<b>Hydric Pine Flatwoods (8 acres) Restored</b>	<b>Bottomland Hardwood Forest 38 acres total Restored (27 acres) Enhanced (11 acres)</b>
Water depth:	2-6"	0-3"	2-3"
No more than 1% coverage of invasive exotic and 5% nuisance native and non-invasive exotic species	No nuisance native or exotic vegetation observed	No nuisance native or exotic vegetation observed	No nuisance native or exotic vegetation observed
80% cover desirable species	Yes	Yes	Yes
Kind and total coverage of species appropriate for management goals and target natural community	Yes Developing	Yes Developing	Yes Developing
Kind and total coverage of tree species appropriate for management goals and target natural community	Yes	No, 400 trees per acre/will be thinned with fire on 2/2013	No, poor survival Will be replanted fall/winter 2012
Increase in appropriate herbaceous, shrub and / or tree species	Yes	Yes	Yes

**Comments:** The site continues to develop. There was no visible threat from nuisance or exotic species observed. Tree densities in hydric pine flatwoods are shading understory development so will be thinned using a fall/winter burn prior to planting wire grass plugs. Hardwood areas planted with seedlings did not survive and will be replanted in the fall/winter of 2012/13. Instead of bare root seedlings, plugs will be used in hopes of improving survival. The initial bare root seedlings were planted in a drought and survival was poor. Site prep burns will occur in the hydric pine flatwoods, pine flatwood uplands and wet prairie in the fall/winter of 2012/13,

I certify that this report represents true accurate and representative description of the activities and site conditions at the time of this report.

David Clayton

Date: 07/10/12