NWFWMD Semi-annual Compliance Inspection Field Form **Site: Dutex Restoration**

Date of Site Inspection: 7/10/12 Watershed: Perdido

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

Background: The Dutex Mitigation Area (809.85 acres), located on Perdido Bay, was acquired June 12, 2009 specifically for use as mitigation for current and future FDOT impacts. The goal of this project is to restore the site to pre-disturbance conditions including substantial acreage of hydric pine flatwoods and savanna. Restoration activities being implemented include mechanical brush reduction, prescribed fire, herbicide treatments, and hydrologic enhancements. Full implementation of approved mitigation activities will yield 107.16 UMAM credits (IRT-approval: 3/24/2011).

Expected date of implementation of burn plan:
Western tract: February 2013
Eastern tract: February 2013

Hydrologic Improvements: completion dates
Dam Removal: **Initialized 8/2011**
Culvert Installation : **Completed 8/2011**
Low water crossing installation (6): Completed 7/26/12

Performance Standards:	**Hydric Pine Savanna**	**Hydric Pine Flatwoods**	**Bottomland Hardwood Forest**
Water depth:	1-3”	0, some ponding	0-3”
Expected dates of herbicide treatments for Gyro-Trac areas and fire lines (Month)	September 2012	September 2012	September 2012
No more than 1% coverage of invasive exotic and 5% nuisance native and non-invasive exotic species	No exotic vegetation present No nuisance native veg.	No exotic vegetation present No nuisance native veg.	No exotic vegetation present No nuisance native veg.
80% cover desirable species	No	No	No
Kind and total coverage of species appropriate for management goals and target natural community	No Developing	No Developing	Yes
Kind and total coverage of tree species appropriate for management goals and target natural community	Yes	Yes	Yes
Increase in appropriate herbaceous, shrub and / or tree species	Yes	Yes	Yes

Comments: Gyro-Trac work completed. In the process of installing low water crossings. Shrub community down at ground level. Some shrub regrowth across site from stumps. Shrubs less than 12” in most of site. Some areas Gyro-Trac in late 2012 up to 2’. Hydric pine savanna with many pitcher plants emerging. White topped pitcher plant, parrot pitcher plant and a few Gulf Coast red flower pitcher plants were observed. Diversity within this area has increased tremendously since the shrubs were reduced and light was again available. Hydrology in this area appears correct for wet prairie vegetation.

Within the hydric pine flatwoods, very little herbaceous vegetation has emerged since the Gyro-Trac work was completed. Less than 30% vegetative cover exists throughout much of this area. Vegetation consists primarily of black titi and shrub sprouts.

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