



Douglas E. Barr  
Executive Director

## Northwest Florida Water Management District

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(U.S. Highway 90, 10 miles west of Tallahassee)

(850) 539-5999 • (Fax) 539-2777

December 31, 2010

Mr. Jon Griffin  
Army Corps of Engineers  
Mitigation Banking Section  
P.O. Box 4970, Jacksonville,  
Florida 32232-0019  
Re: Progress Report 13

Dear Mr. Griffin

Please accept this submittal as the 13<sup>th</sup> **semi-annual progress report** for the SHLMB.

**Please provide a brief description of permit requirements met and extent of work completed since the previous report or since the permit was issued:**

1. Fishing continues at the SHLMB without incident. The water levels at the lakes are back to pre-drought levels throughout the wetlands and water bodies (Figure 9).
2. In accordance with Specific Condition 8, security and law enforcement continues at the bank without incident.
3. Surveys for feral hogs continued during the fall 2010. Very minor feral hog evidence was observed adjacent to Dry Pond and the "island; wet flatwoods restoration area. Trapper was called in but no hogs captured as in previous reports. It is thought is a single hog and wise to traps.
4. A total of 131 acres of warm season burns were conducted in the sandhills in 2010 (Figure 10).
5. A total of 150 acres of hardwoods were removed in the areas that had been planted in sand pine (Management Unit 12) (Figure 11).
6. An additional 30 acres of upland wire grass was planted in the sandhill restoration sites (Former sand pine plantation) (Figure 12-13).
7. An additional 8,834 wet wire grass and wet flatwood mix species tublings were added in December to the 165 acres of the restored wet flatwoods (Figure 14).

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8. A small patch of torpedo grass was observed during the fall sampling at the Dry Pond Boat Launch. It was treated and the area will be checked in the spring for occurrence.
9. Representative site photos were included for wetland and upland areas (Appendix 1).

**Restoration activities anticipated within the next 6 months:**

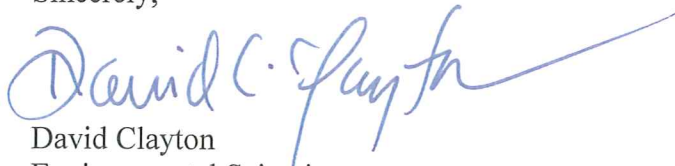
1. Surveys for nuisance species will continue in summer and fall of 2010.
2. Shrub densities within the uplands will be monitored and eradicated adjacent to the Green Ponds and the sandhill next to Black Pond.
3. Number of trees per acre will be determined for planted long leaf pines adjacent to Cat Pond and Deep Edge Pond. Areas observed with greater than 200 pines per acre will be reduced by selective thinning.
4. Planted slash pine within the wet flatwoods restoration area (Management Unit 3) will be reduced to less than 200 trees per acre.
5. Nuisance shrubs within the one hundred sixty five acres of restored wet flatwoods will continue to be treated in 2010.
6. Water Level gauges will continue to be measured in 2010 (Figure 9).
7. Fuel levels will be observed at the SHLMB and areas with sufficient fuels will be burned.

**Please provide a brief description of problems encountered and solutions undertaken:**

Restoration activities continue at the SHLMB in 2011. A total of 808,834 2 wet flatwoods wire grass tublings have been planted along with 288,340 mixed wet flatwoods species and 10,000 tooth ache grass tublings have been added to the restored wetland areas. In the uplands a total of 677,600 upland wire grass tublings have been added at the SHLMB . Additional plantings are expected in 2010 to complete the planting efforts at the bank.

Thank you for your consideration of this submittal. If you have any question or comments, please feel free to contact me at 850-539-5999.

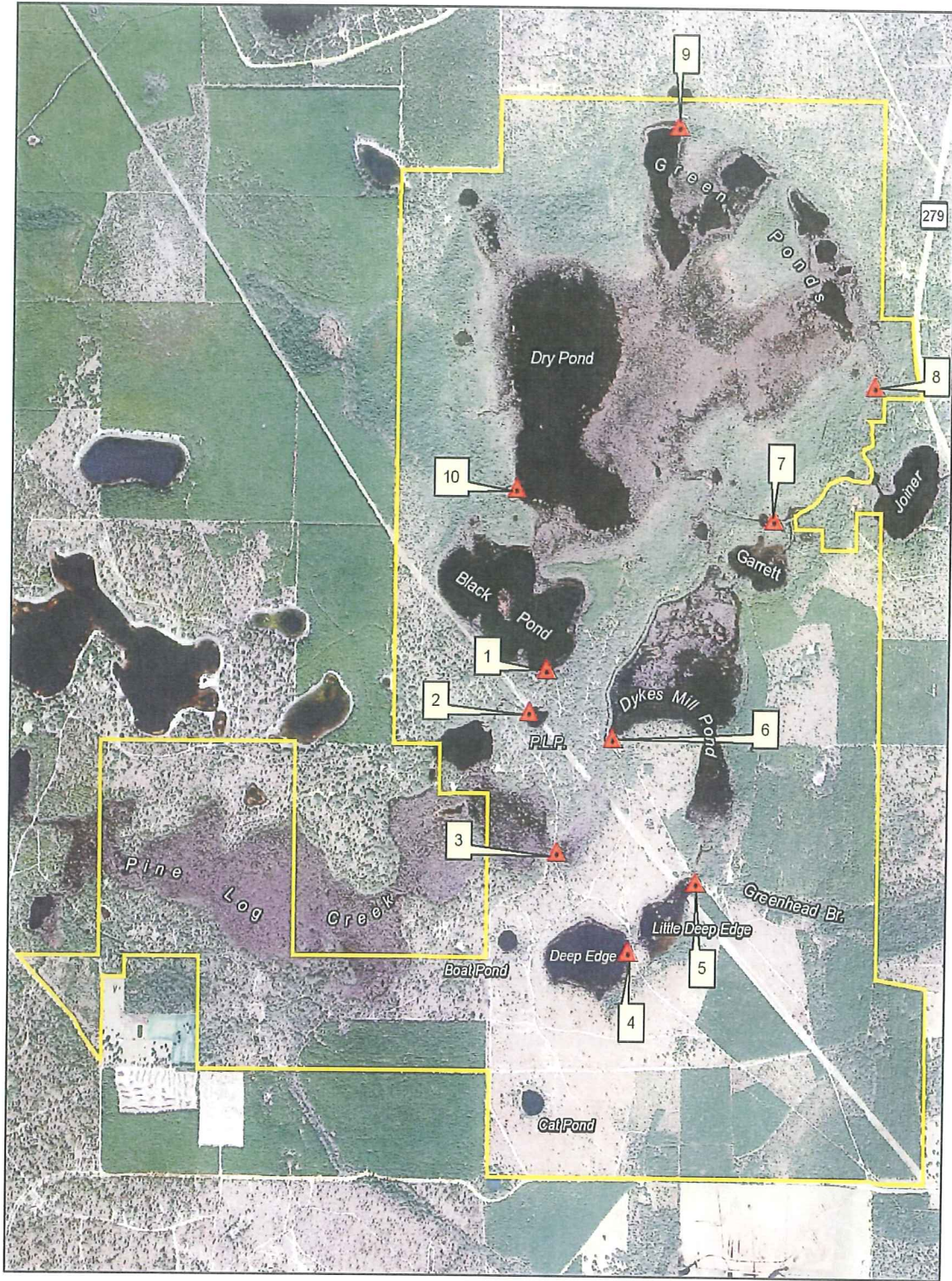
Sincerely,



David Clayton  
Environmental Scientist  
QMS



Figure 9 - Water Level Staff Gage Locations



▲ = Staff Gage (Installed 2005)





Figure 10. 2010 Warm Season Burns

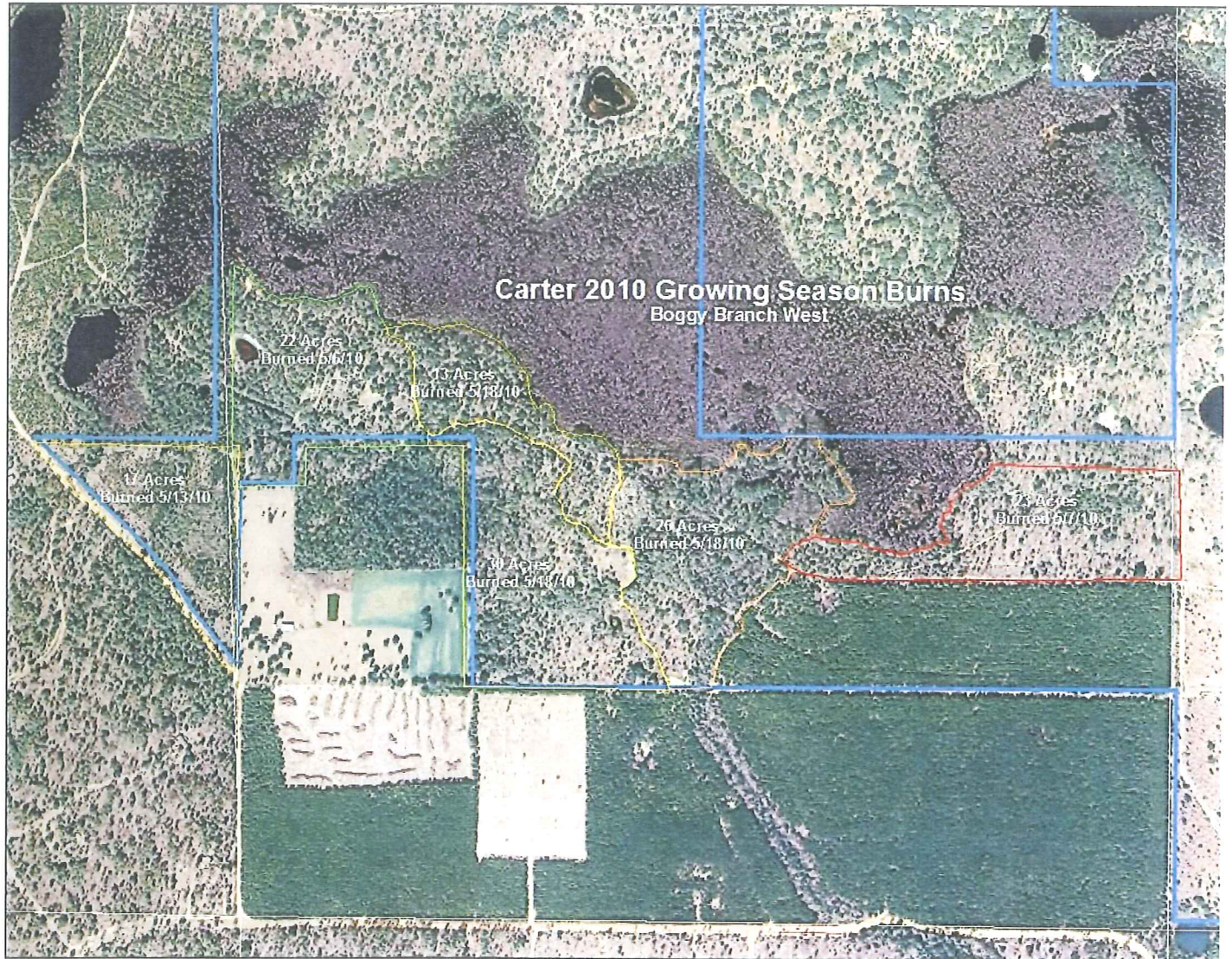




Figure 11. Hardwood Eradication in former Sand Pine Plantation

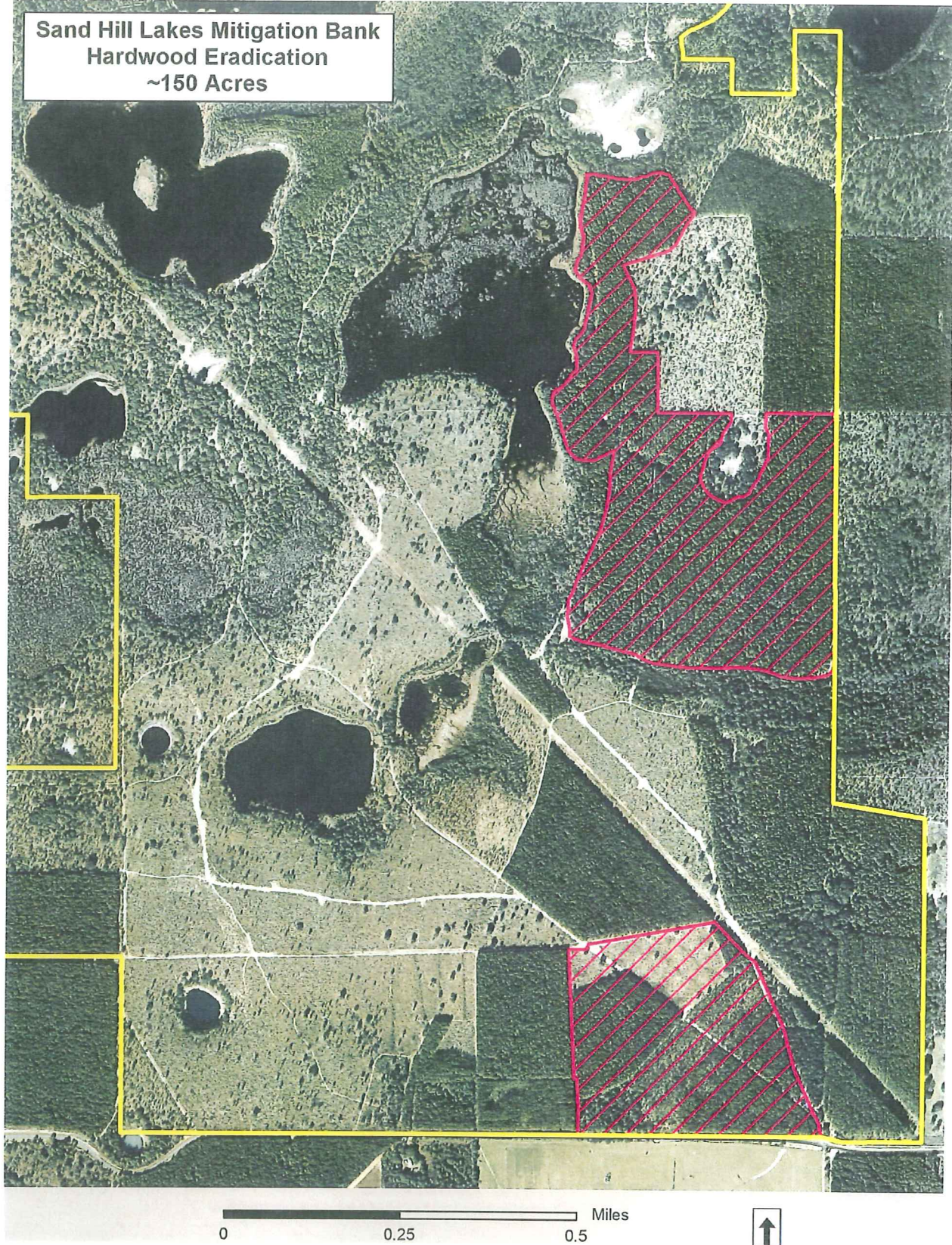




Figure 12. Upland Wiregrass Planting (22 acres)

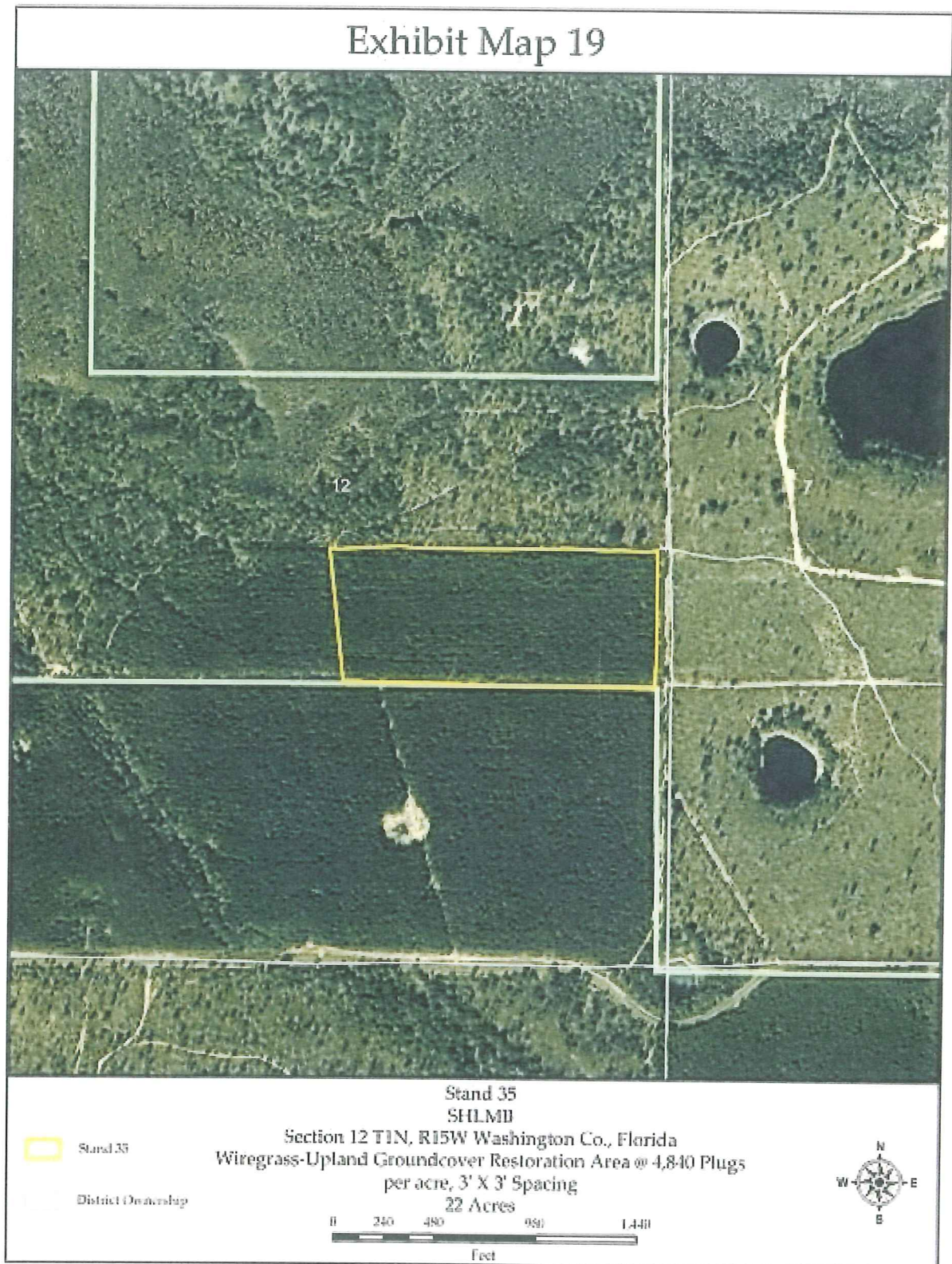


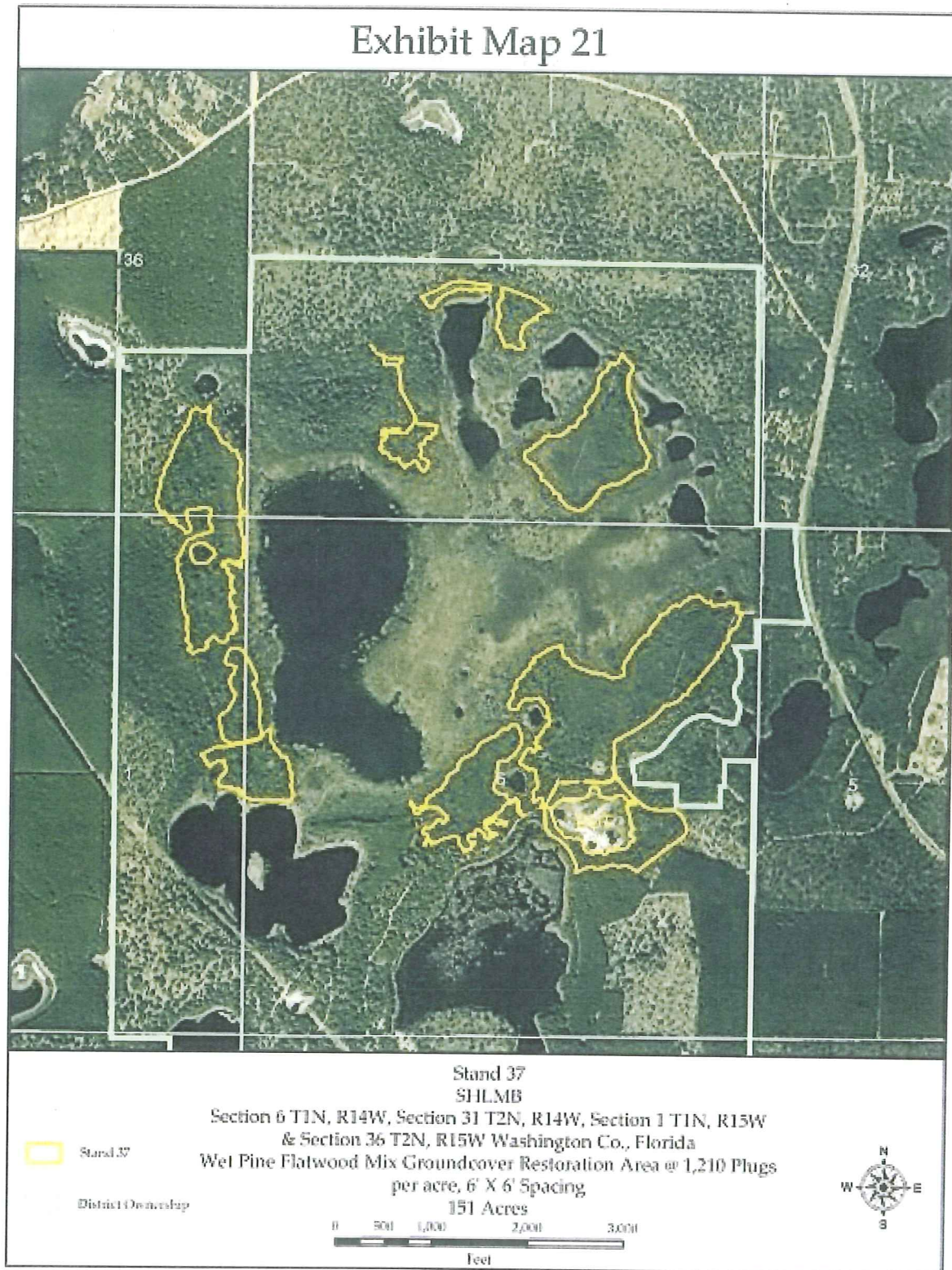


Figure 13. Upland Wire Grass Planting (8 acres)





Figure 14. Wet Flatwoods and Wet Wire Grass Planting (151 acres)





**Appendix 1: Representative Site Photos**



**Cat Pond**

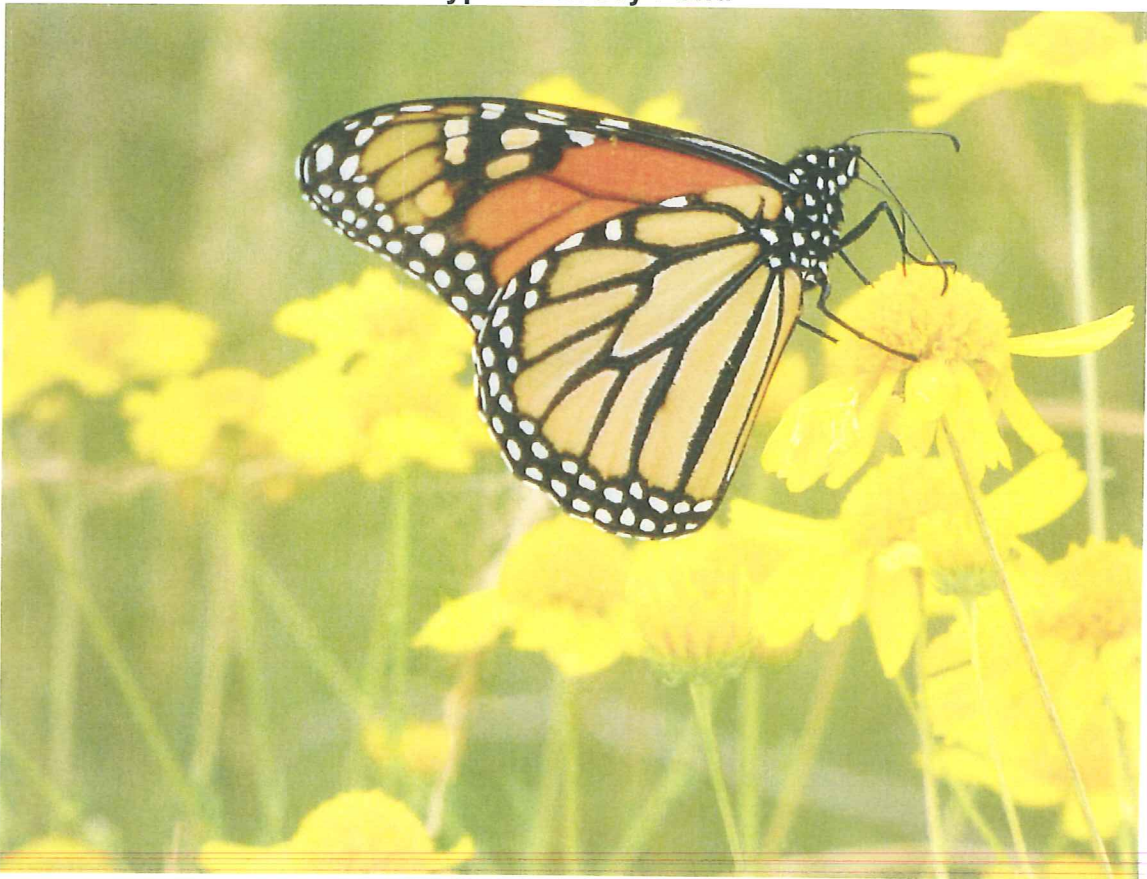


**Sandhill near Deep Edge Pond**





**Cypress at Dry Pond**



**Monarch in Sandhills**





**Cypress at Dykes Mill Pond**



**Solution Pond near Pinelog Creek (M1)**





**Sandhill Restoration from Sand Pine Plantation**



**Restored Wet Pine Flatwoods/Savanna from Shrub/Scrub Wetlands**