

**BELLAMY MITIGATION SITE
(CALHOUN COUNTY AIRPORT EXPANSION OFFSITE MITIGATION)**

Monitoring Report No. 1

June 9, 2009

CORPS Permit No.: SAJ-2007-6119 (IP-DEB), issued 6/4/2009

Permittee/Consultant: Calhoun County Board of County Commissioners
c/o Maxey Waldorf
20859 Central Ave.
East Blountstown, FL 32424

Responsible Party for Monitoring: Northwest Florida Water Management District
81 Water Management Dr.
Havana, FL 32333

Date of Inspection: 3/18/2009

Summary:

The purpose of this project (Bellamy Mitigation Site) is to provide partial offsetting mitigation for wetland impacts caused by expansion of the Calhoun County Airport. Per CORPS permit, approximately 7.18 acres of palustrine forested wetlands are directly impacted by the Airport expansion, with additional direct and secondary impacts to other waters of the United States. Mitigation at the Bellamy Property consists of preservation and enhancement of 50 acres of forested floodplain along the Chipola River (48 acres palustrine forested wetlands; 2 acres forested upland buffers). Compensatory mitigation for the Airport expansion is being implemented at three locations (onsite, Atkins Park, and the Bellamy Site). This monitoring report solely addresses the Bellamy Mitigation Site. The NFWMD is responsible only for mitigation at the Bellamy Site and bears no responsibility whatsoever for the implementation, success, or monitoring of the onsite mitigation or Atkins Park mitigation.

The Bellamy Mitigation Site (30° 50' 34" / 85° 14' 23") is located approximately 3.5 miles north of Marianna in Jackson County on the east side of the Chipola River. The site may be reached from Marianna by driving north on SR 71 from US 90 for 7.8 miles. At the community of Greenwood, turn left and head west on Fort Road (becomes Jacob Road) for 3 miles. Turn left on County Road 167 and head south for 0.5 mile. Turn right onto Bellamy Bridge Road and head west for 2 miles. The Bellamy Mitigation Site is accessed by crossing the Arborgen Bellamy Seed Orchard property (entrance on south side of Bellamy Bridge Road).

Mitigation commenced with acquisition of the Bellamy Property in March, 2009, and all performance standards are currently met. Management of very minor occurrences of exotic and invasive species found on the upland periphery (<1% exotics and <5% invasives) will be scheduled later this year.

Performance Standards and Monitoring Requirements:

Performance Standard	Condition Met?
≥ 90% cover by appropriate wetlands species (i.e., FAC+ or wetter) suitable for target plant community.	Yes
Invasive species cover ≤ 5% and exotic species cover ≤ 1% (pursuant to the most current list established by the Florida Exotic Pest Plant Council).	Yes
Desired species showing evidence of stable or increasing coverage.	Yes
Increase or stable appropriate species diversity.	Yes
Kind and total coverage of species appropriate for management goals and target natural community.	Yes
Kind and total coverage of herbaceous species appropriate for management goals and target natural community.	Yes
Kind and total coverage of tree species appropriate for management goals and target natural community.	Yes
Maintain the ecological conditions so that the mitigation UMAM scores are met for each of the specified community types.	Yes

Monitoring Requirements

- Photo-documentation
- Meandering vegetation survey by qualified personnel
- Frequency
 - Semi-annual for first three years
 - Annual for a minimum of an additional two years
- Annual reports submitted to the CORPS for duration of monitoring
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During the most recent site inspection of 3/18/09, all performance standards were found to be met.

Conclusions:

The site consists of high-quality bottomland wetland forest (48 acres) with limited upland buffers on the periphery (1 acre of transitional, mesic slope forest and 1 acre of degraded sandhill community with offsite sand pine, spruce pine and cedar). A high-quality, 2nd order magnitude spring and several small sinkholes within the floodplain also occur. Despite minor occurrences of exotic and invasive species along the periphery (e.g., *Lygodium japonicum*, *Ligustrum sinense*, *Sapindus saponaria*, *Lonicera japonica*), the percent cover of these species is below the 1% exotic and 5% invasive species cover threshold.



Bellamy 2nd Order Magnitude Spring (3/18/09)



Bellamy Bottomland (3/18/09)



Bellamy Bottomland (3/18/09)



Bellamy Bottomland (3/18/09)

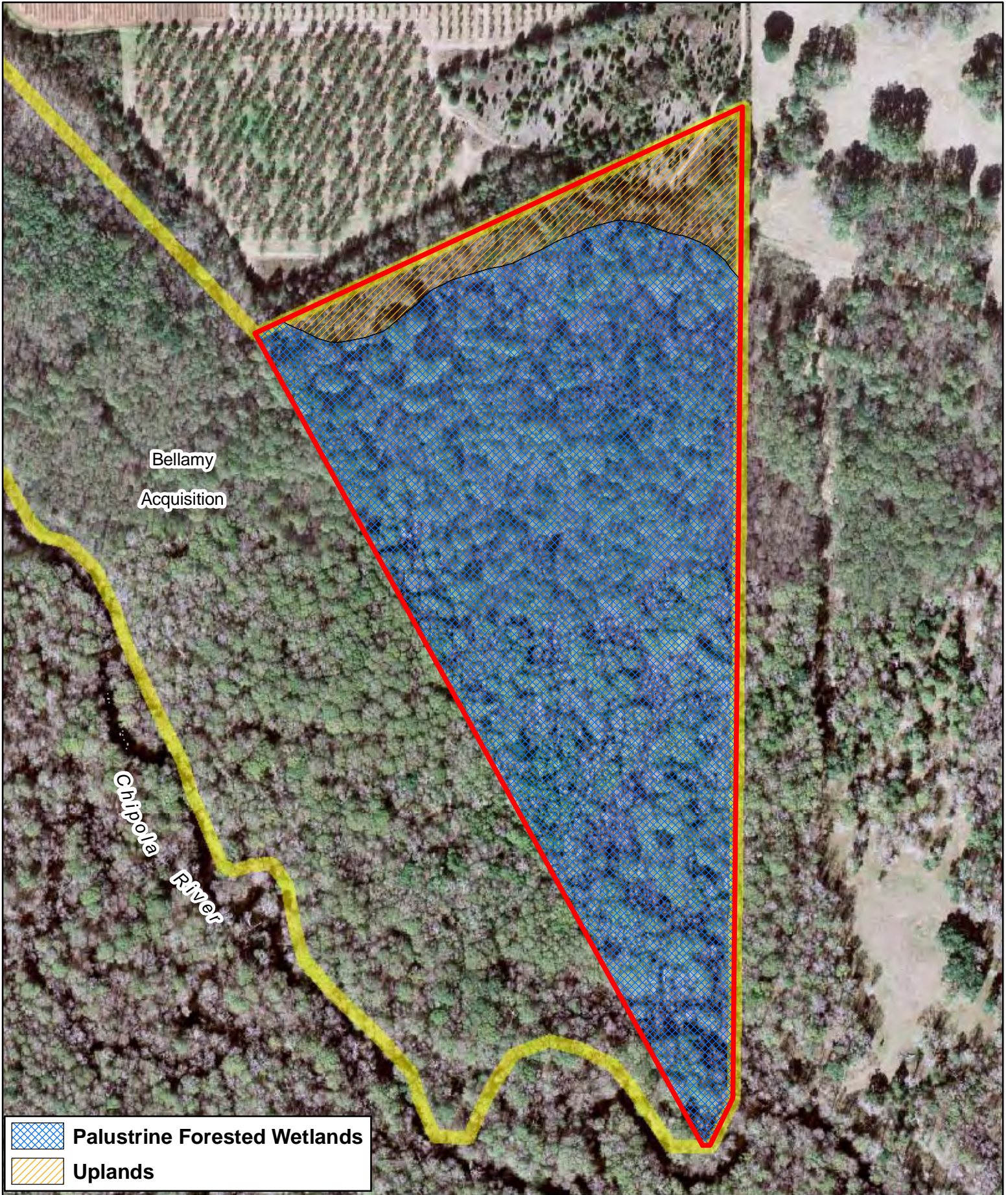
Location of Bellamy Property



0 25 50 Miles



NWI Wetlands



50 Acres

0

500

1,000

Feet

