



Northwest Florida Water Management District

81 Water Management Drive, Havana, Florida 32333-4712
(U.S. Highway 90, 10 miles west of Tallahassee)

Brett J. Cyphers
Executive Director

Phone: (850) 539-5999 • Fax: (850) 539-2777

May 28, 2015

Ms. Victoria Tauxe
DEP-OSLER-MS 2500
2600 Blair Stone Rd
Tallahassee, FL 32399-2400

Re: Progress Report 22

Dear Ms. Tauxe,

Please accept this submittal as the 22nd semi-annual progress report for the SHLMB. This report was written in accordance with Specific Condition 27.

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

1. Fishing and hunting continued at the SHLMB throughout the winter and spring without incident in accordance with Specific Condition 8 and Attachment A of the permit.
2. In accordance with Specific Condition 8, security and law enforcement continued at the bank without any violations.
3. Since January of 2015 a total of 242 acres have been burned and an additional 48 acres within the sandhill (UMAM Polygon III) will be burned before June 15th at the SHLMB. The burns included 120 acres of sandhills (UMAM Polygon III) and 122 acres of hydric pine flatwoods (UMAM Polygon V) (Figure 1).
4. Surveys for feral hog damage continued the spring of 2015 in accordance with Specific Condition 22. Hog damage was concentrated adjacent to Dry Pond within the 38 acres adjacent to the boat launch (UMAM Polygon V). Trapping for feral hogs stopped during hunting season as part of the WMA agreement and was re-initiated following the end of turkey season in April.
5. Site inspections were conducted in April to determine if any further shrub reduction is needed at the SHLMB within the hydric pine flatwood restoration (UMAM Polygon V). Shrub cover has been reduced to less than 5 % cover and no additional treatment is required at this time.

Restoration activities anticipated within the next 6 months:

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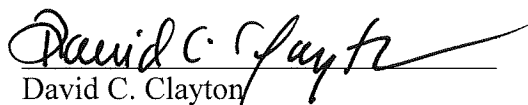
1. Surveys for nuisance and exotic species will continue in the winter and spring of 2015 in accordance with specific condition 22.
2. A 37- acre sand hill restoration (UMAM Polygon III) adjacent to the check station will be treated for Bahia grass cover July 2015. Cover within this area has been greatly reduced from over 50% down to approximately 10%. It is anticipated that this treatment will reduce cover to less than 5% (Figure 2).
3. Longleaf pine seedlings were ordered for the 37 acre sand hill restoration site (UMAM Polygon III) due to poor survival of planted long leaf pine seedlings. Longleaf pine seedlings will be planted on 12' centers or 300 trees per acre (Figure 2).
4. Based on cover estimates from the annual report, 46 acres of sandhill restoration with Bahia and centipede grass will be treated adjacent to Dykes Mill Pond (Management Unit 11, UMAM Polygon II) (Figure 3).
5. Water Level gauges will continue to be measured in 2015 in accordance with Specific Condition 12.
6. Approximately 65 acres of sandhill will be burned during prior to June 15th 2015 (UMAM Polygon III) (Figure 1).
7. The annual monitoring will be conducted in accordance with Specific Condition 28.

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

Additional measures for hog control are being discussed with FWC including installing circular traps with remote gait release.

Certification

I certify that this report represents true accurate and representative description of the activities and site conditions at the time of this report. This semi-annual report was written in accordance with Specific Condition 27, of the permit.



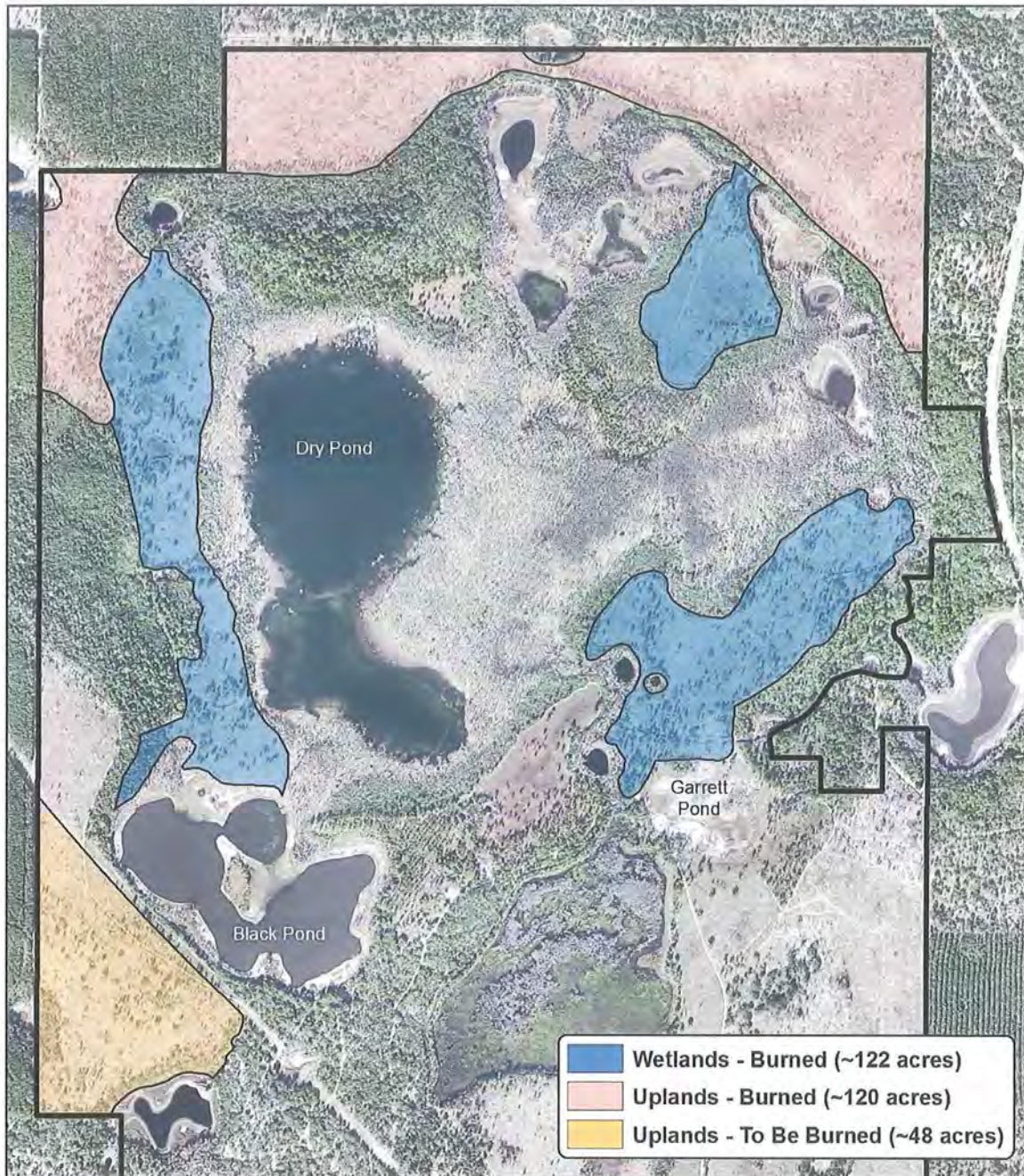
David C. Clayton
Environmental Scientist
Qualified Mitigation Supervisor

Enclosures:

- Figure 1. 2015 prescribed spring burns at the SHLMB, UMAM polygons III and V.
- Figure 2. Hardwoods and Bahia grass treatments occurred on a 37 acre sand hill restoration, UMAM polygon II.
- Figure 3. Bahia and centipede grass eradication, UMAM polygon II, (46 acres).
- Figure 4-12 Representative Site Photos

Figure 1. 2015 prescribed spring burns at the SHLMB, UMAM Polygons III and V.

SHLMB 2015 Burn Areas (~290 Acres)



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Washington Co., Florida
2013 DOQ



Figure 2. Bahia grass eradication and longleaf pine planting within Sand Hill Restoration (UMAMA Polygon II) (37 acres).



Figure 3. Bahia and centipede grass eradication within the sandhill restoration area UMAM Polygon II.

Polygon Acreage (46 Acres)



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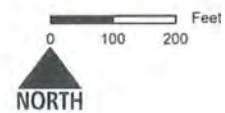


Figure 4. 2/10/15 Facing West at Boat Launch– Black Pond.



Figure 5. 04/06/15. Adjacent to check station: Purple Thistle.



Figure 6. 02/10/15 Facing West: Cypress at Dykes Mill Pond.



Figure 7. 05/05/15 Facing East: Hydric Pine Flatwoods Burned 05/04/15 Near Dry Pond Parking Area.



Figure 8. 05/05/15 Facing South: Hydric Pine Flatwoods Burned 05/04/15 Adj. Dry Pond Parking Area.



Figure 9. 05/05/15 Facing North. Hydric Pine Flatwoods burned April 2015. Dry Pond n Pine Log Creek.



Figure 10. 05/05/15. Facing North . Hydric pineflatwoods burned 05/04/05. Adj. to Dry Pond Parking Area.



Figure 11. 04/07/15 Garret Pond: Horned Bladderwort (*Utricularia cornuta*).



Figure 12. 05/05/15 Green Ponds: Common Cooter laying eggs.

