

Conservation Collier Land Acquisition Program Initial Screening Criteria

Property Owner: Helen Santamaria et al

Parcel(s) acreage: 40 total (00052040005 = 20 acres, 00052120006 = 40 acres, only 20 acres offered conditional upon lot split)

Property Location: Along Whidden Loop Road, just East of Corkscrew Road and directly North of the CREW Cypress Dome Trails and Caracara Prairie Preserve

Nominations to the Conservation Collier Program are based on satisfying at least two of the initial screening criteria below. Qualified sites shall then be further prioritized by secondary evaluative criteria.

1. Are any of the following unique and endangered plant communities found on the property? Order of preference as follows: Ord. 2002-63, Sec. 10 (1)(a)

- | | Yes | No |
|---|-------------------------------------|-------------------------------------|
| a. Hardwood hammocks | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b. Xeric oak scrub | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c. Coastal strand | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d. Native beach | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e. Xeric pine | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| f. High marsh (saline) | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| g. Tidal freshwater marsh | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| h. Other native habitats: unimproved pasture, mixed shrub | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

2. Does land offer significant human social values, such as equitable geographic distribution, appropriate access for nature-based recreation, and enhancement of the aesthetic setting of Collier County? Ord. 2002-63, Sec. 10 (1)(b)

Yes No

This property is adjacent to state-protected lands of the CREW Management Area CREW Marsh Unit. These parcels are visible from the CREW Cypress Dome Yellow Public hiking, biking and equestrian trail.

3. Does the property offer opportunities for protection of water resource values, including aquifer recharge, water quality enhancement, protection of wetland dependant species habitat, and flood control? Ord. 2002-63, Sec. 10 (1)(c)

Yes No

The parcel has a mapped surficial recharge capacity of 56 to 67" annually, considered to be high recharge. The parcel has a mapped Lower Tamiami recharge capacity of 0" to 7" considered to be low. A portion of both parcels incorporates a portion of the 5,000 acre CREW marsh, an ecologically important freshwater marsh at the headwaters of the regional watershed which supplies freshwater flow to the Corkscrew Marsh and surrounding natural lands.

4. Does the property offer significant biological values, including biodiversity, listed species habitat, connectivity, restoration potential and ecological quality? Ord. 2002-63, Sec. 10 (1)(d)

Yes No

This parcel would enhance protected habitat connectivity between the Caracara Prairie Preserve, CREW Cypress Dome Trails, CREW Marsh, and Pepper Ranch Preserve. The wetland portions including the freshwater marsh and adjacent wetland hardwoods support a significant number of wetland dependent species including imperiled wading birds, reptiles and amphibians, and freshwater snakes. These parcels include historic nesting and foraging habitat for migratory swallow-tailed kites and are utilized by large mammals such as Florida panther, Florida black bear, and bobcat. Other species observed utilizing the application parcels are white-tailed deer, wild turkey, box turtle, and Eastern Diamondback Rattlesnake.

5. Does the property enhance and/or protect the environmental value of current conservation lands through function as a buffer, ecological link or habitat corridor? Ord. 2002-63, Sec. 10 (1)(e)

Yes No

These parcels would enhance the environmental value of current conservation lands most notably Caracara Prairie Preserve and CREW Cypress Dome Trails by protecting a regularly utilized ecological corridor for wildlife and contributing to the ongoing restoration efforts to reduce woody overgrowth and nutrient loading within the freshwater marsh system by partners from the SFWMD, FWC, Audubon's Corkscrew Swamp Sanctuary, and Pepper Ranch Preserve. Acquisition and restoration of these parcels would remove the exotic plant seed source adjacent to existing conservation lands and improve habitat and water quality within this ecologically valuable system

Is the property within the boundary of another agency's acquisition project?

Yes

No

If yes, will use of Conservation Collier funds leverage a significantly higher rank or funding priority for the parcel?

Yes

No

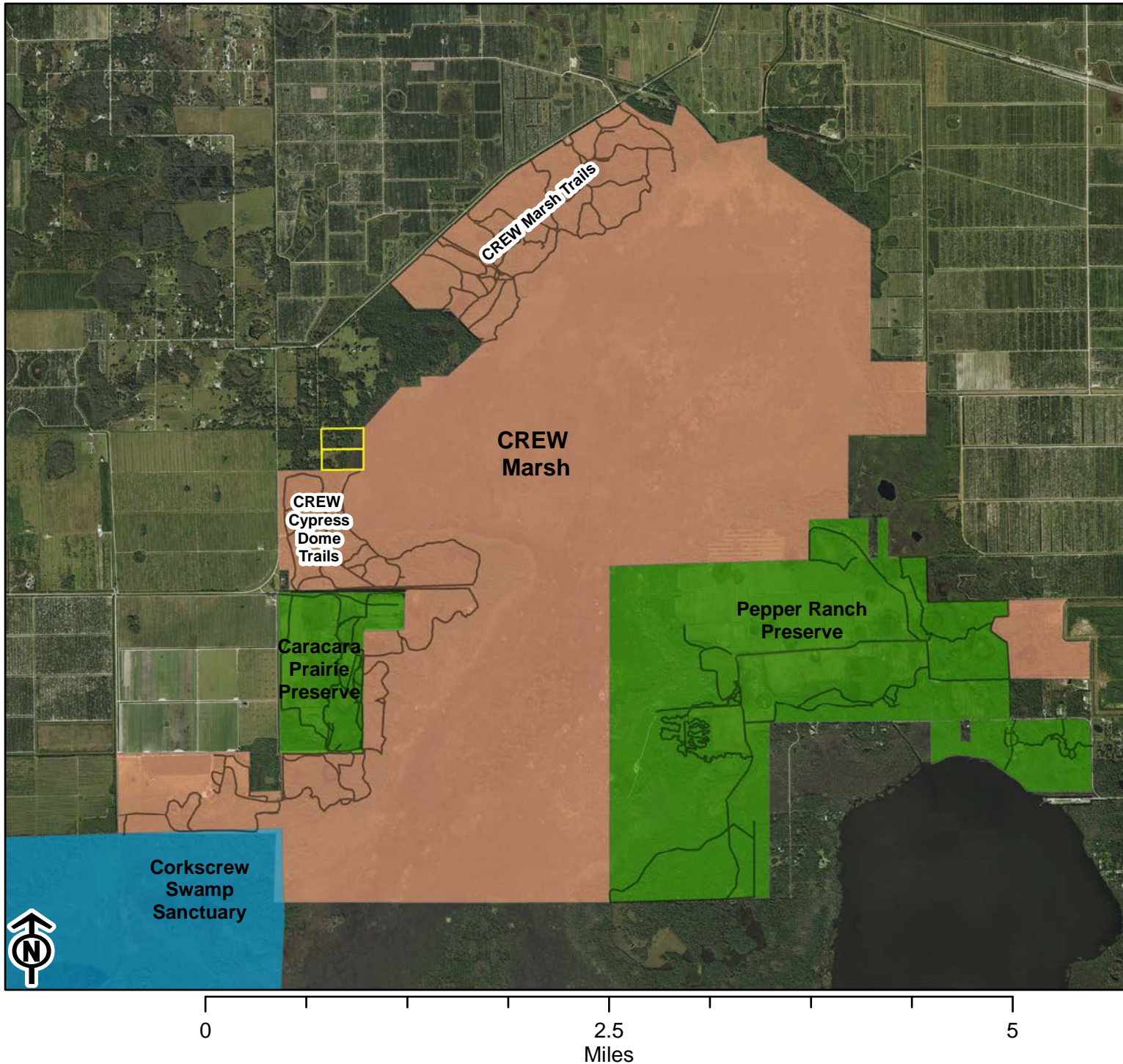
Without such funding circumstances, Conservation Collier funds shall not be available for purchase of these lands. Ord. 2002-63, Sec. 10 (1)(f)






MEETS INITIAL SCREENING CRITERIA

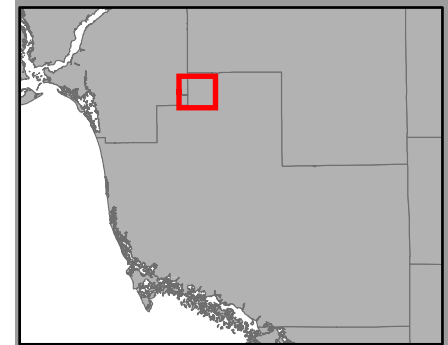
Yes

No

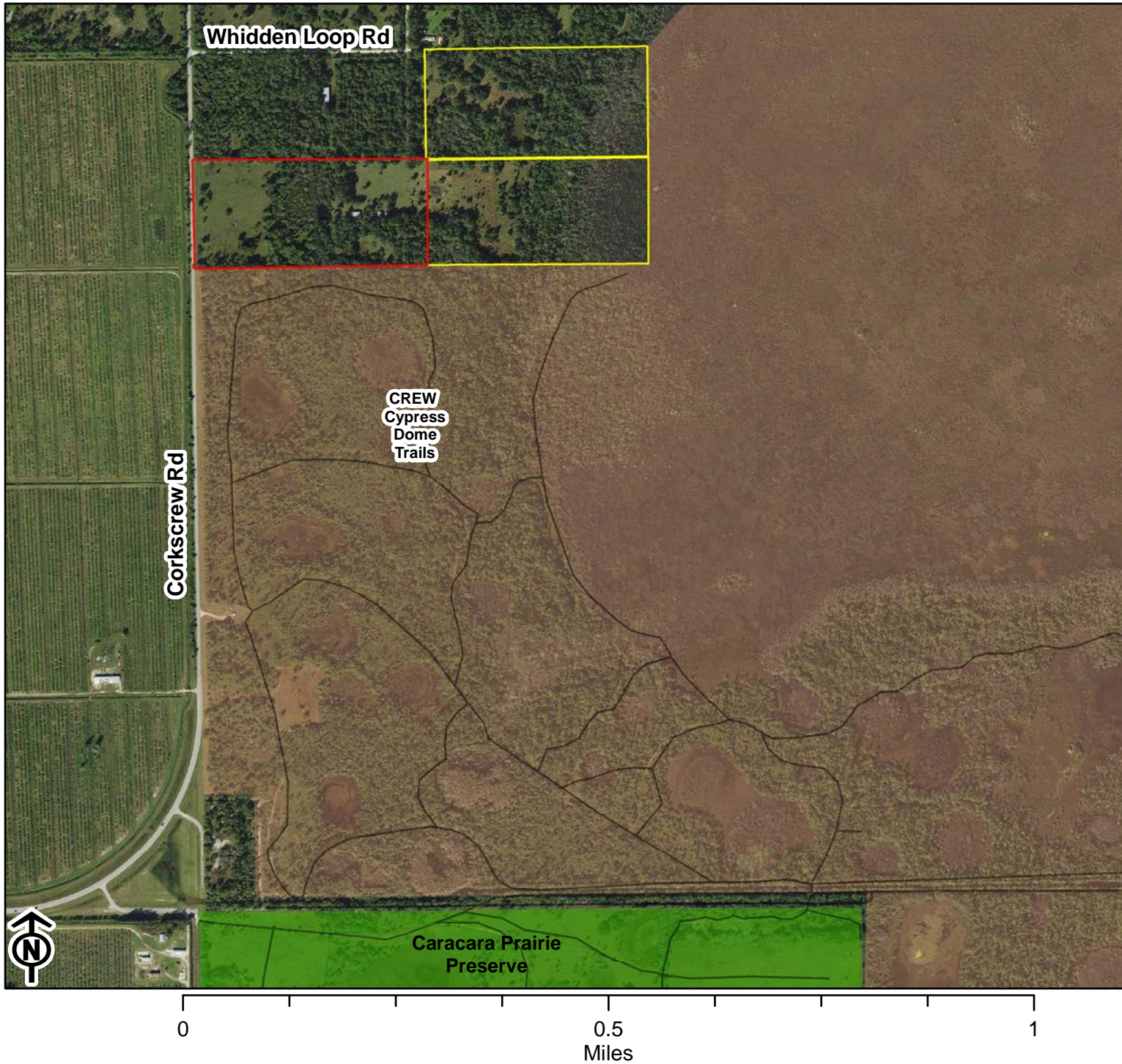
Initial Screening Criteria- Santamaria



-  Conservation Collier Preserves
-  Santamaria Parcel 1
-  Santamaria Parcel 2
-  CREW Management Area
-  Area Hiking Trails



Initial Screening Criteria- Santamaria



- Conservation Collier Preserves
- Non-Application Parcel
- Santamaria Application 1
- Santamaria Application 2
- CREW Management Area
- Area Hiking Trails

