

Conservation Collier Land Acquisition Program Initial Screening Criteria

Property Owner: Josef Magdalener

Parcel(s) acreage: 18.73

Property Location: Adjacent to Shell Island Preserve, SE of Collier Blvd and Port Au Prince Drive

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 type="checkbox"/> | <input checked="" 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 checked="" type="checkbox"/> | <input type="checkbox"/> |
| g. Tidal freshwater marsh | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| h. Other native habitats _pine flatwood, cabbage palm forest | <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 within the Urban Coastal Fringe and visible from a major County Road. It is adjacent to other Conservation Collier land and is accessible via Port Au Prince Rd.

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 43 to 56" annually, considered moderate. The parcel has a mapped Lower Tamiami recharge capacity of -48" to -32" indicating it a discharge area. Surface water is present throughout the property during the wet season, wetland dependent vegetation exists on site and the property provides foraging habitat for wading birds.

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 enhances connectivity with adjacent Conservation Collier Preserve and Rookery Bay National Estuarine Research Reserve. Existing plant communities indicate utilization by imperiled bird species. Florida panther telemetry location data indicates utilization of habitat within 1000ft of the parcel boundary.

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

The parcel provides connectivity with Conservation Collier Shell Island Preserve and the Rookery Bay National Estuarine Research Reserve.

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?

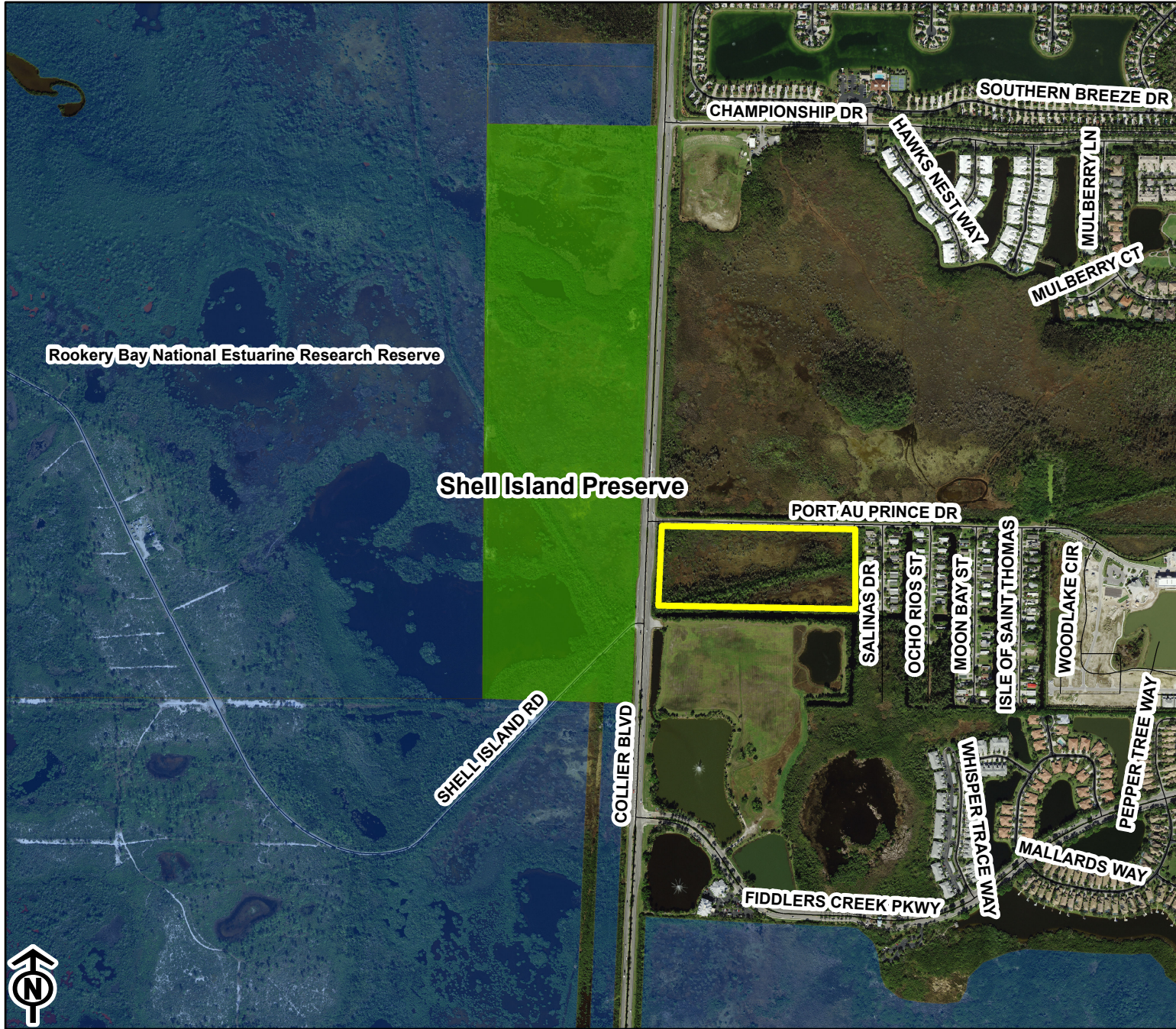
Yes No

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- Magdalener



- Conservation Collier Preserves
- Magdalener Boundary
- Adjacent Conservation Land

