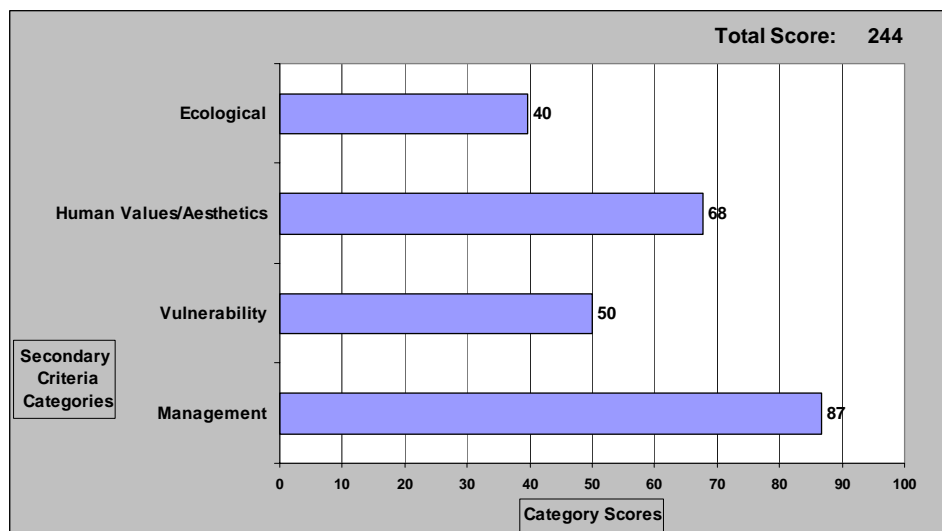


# Conservation Collier Initial Criteria Screening Report



**Property Name: Oetting**  
**Folio Numbers: 38847040004; 38847080006**

**Staff Report Date: March 13, 2006**



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## I. Summary of Property Information

The purpose of this section is to provide information concerning the subject property describing its various physical characteristics and other general information.

**Table 1. Summary of Property Information**

Characteristic	Value	Comments
<b>Name</b>	<b>Oetting, Bernard and Gabriela</b>	<b>Local owners</b>
<b>Folio Number</b>	<b>38847040004 38847080006</b>	<b>Adjoining lots</b>
<b>Target Protection Area</b>	<b>NGGE</b>	<b>Located in Unit 42, in an area known as Horsepen Strand</b>
<b>Size</b>	<b>Two (2) 1.14-acre lots</b>	<b>Total – 2.28 acres</b>
<b>STR</b>	<b>S31 T47 R28</b>	<b>Both parcels located in the same STR</b>
<b>Zoning Category/TDRs</b>	<b>Estates No TDRs</b>	<b>n/a</b>
<b>FEMA Flood Map Category</b>	<b>D</b>	<b>This is an area where flood hazards are undetermined; however, it is a documented wetland that has standing water in the wet season.</b>
<b>Existing structures</b>	<b>none</b>	<b>n/a</b>
<b>Adjoining properties and their Uses</b>	<b>Developed and undeveloped residential and elementary school</b>	<b>N – Estates residential S – Estates residential SE – Estates Elementary School E – Estates residential and large agriculturally zoned and used lands W – Estates Residential and 4 sections of agriculturally zoned and used lands</b>
<b>Development Plans Submitted</b>	<b>Searched County Computer system</b>	<b>No permits or code enforcement cases found</b>
<b>Known Property Irregularities</b>	<b>DEP has denied environmental resource permits for both lots</b>	<b>Permits denied 2/25/05, appealed 3/25/05 and appeal dismissed with leave to amend 6/24/05. 30-foot road easement along south side of both lots</b>
<b>Other County Dept Interest</b>		<b>No interest from Transportation or Alternative Transportation - Utilities statement of interest pending</b>

**Figure 1. Location Map**

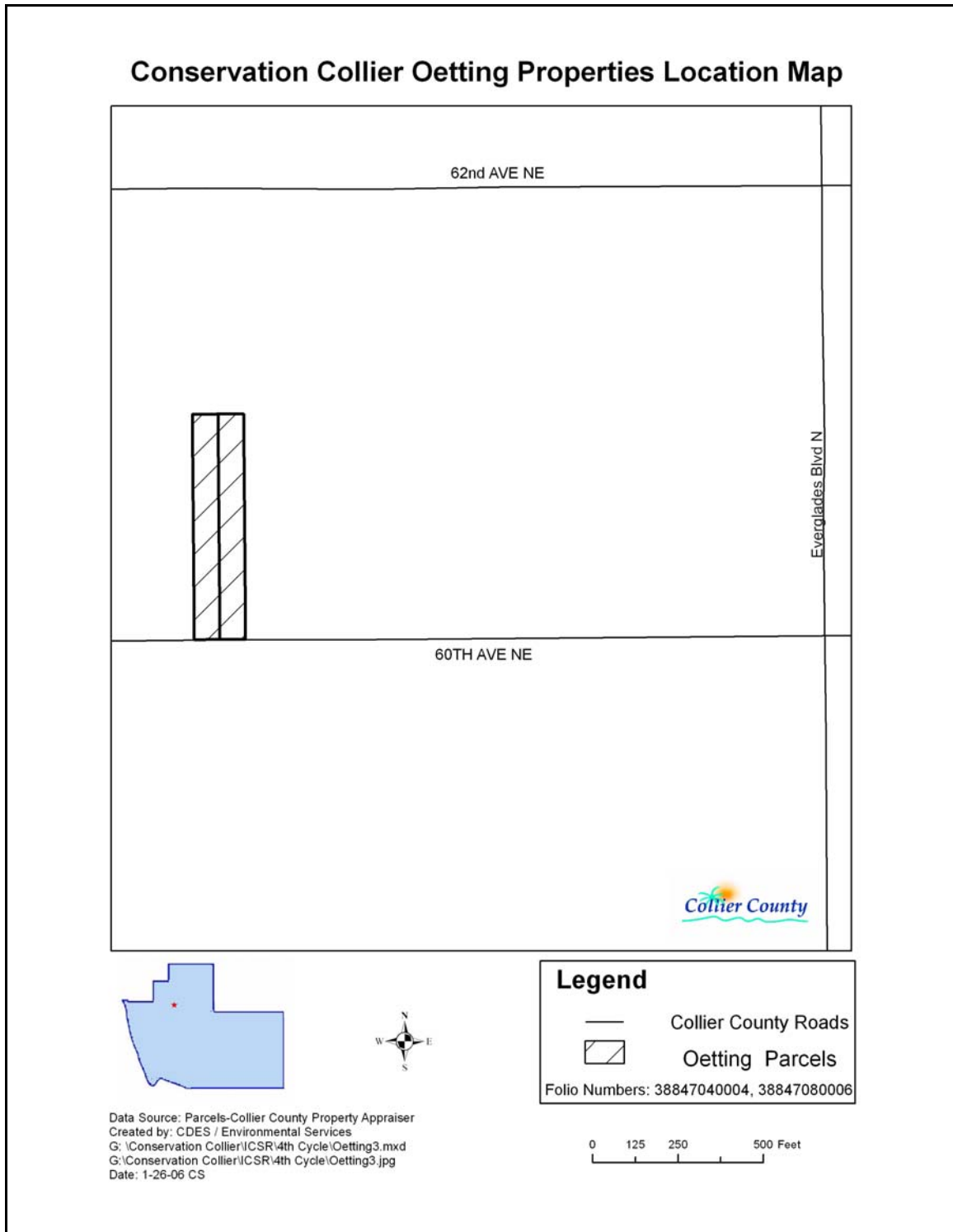


Figure 2. Aerial Map

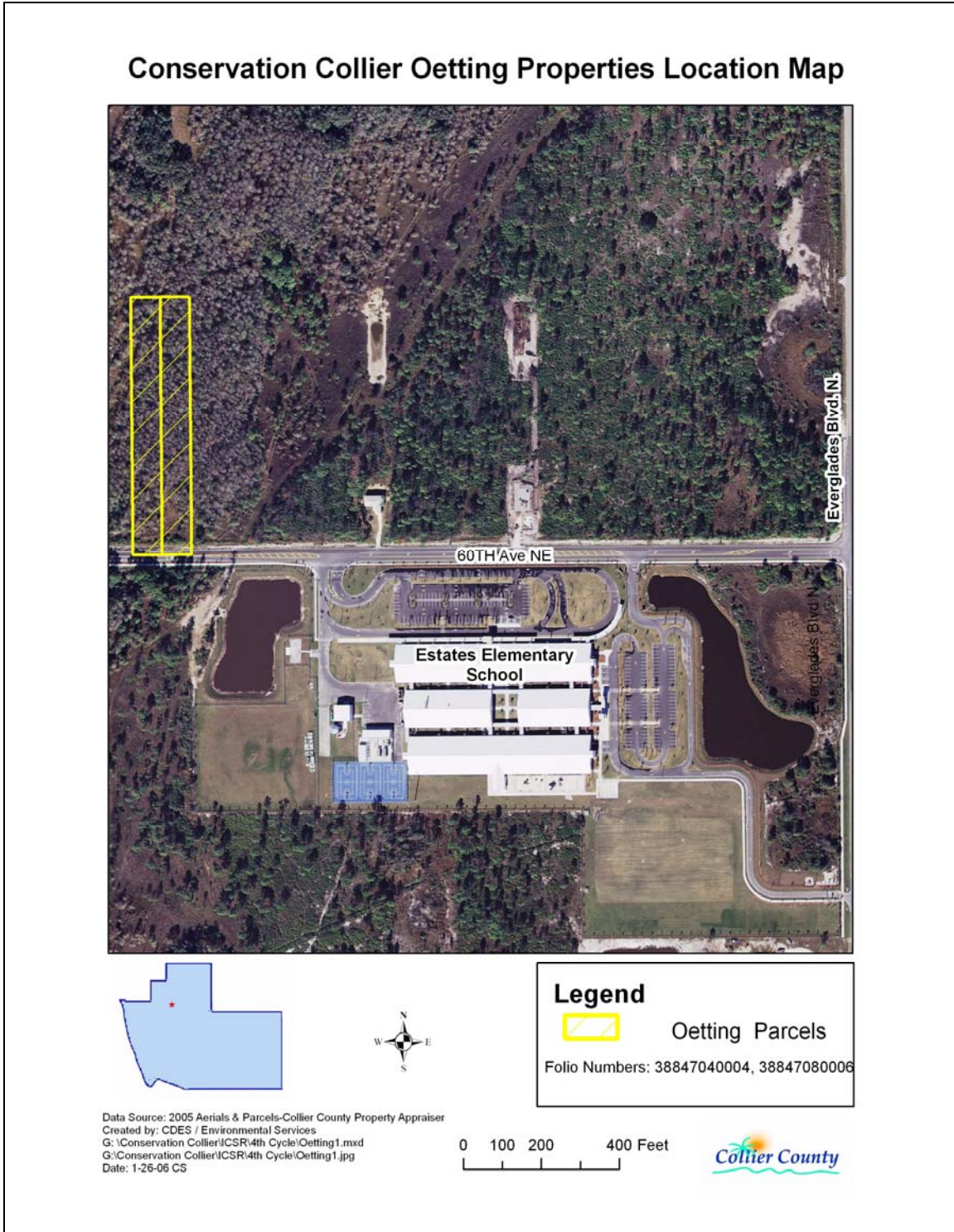
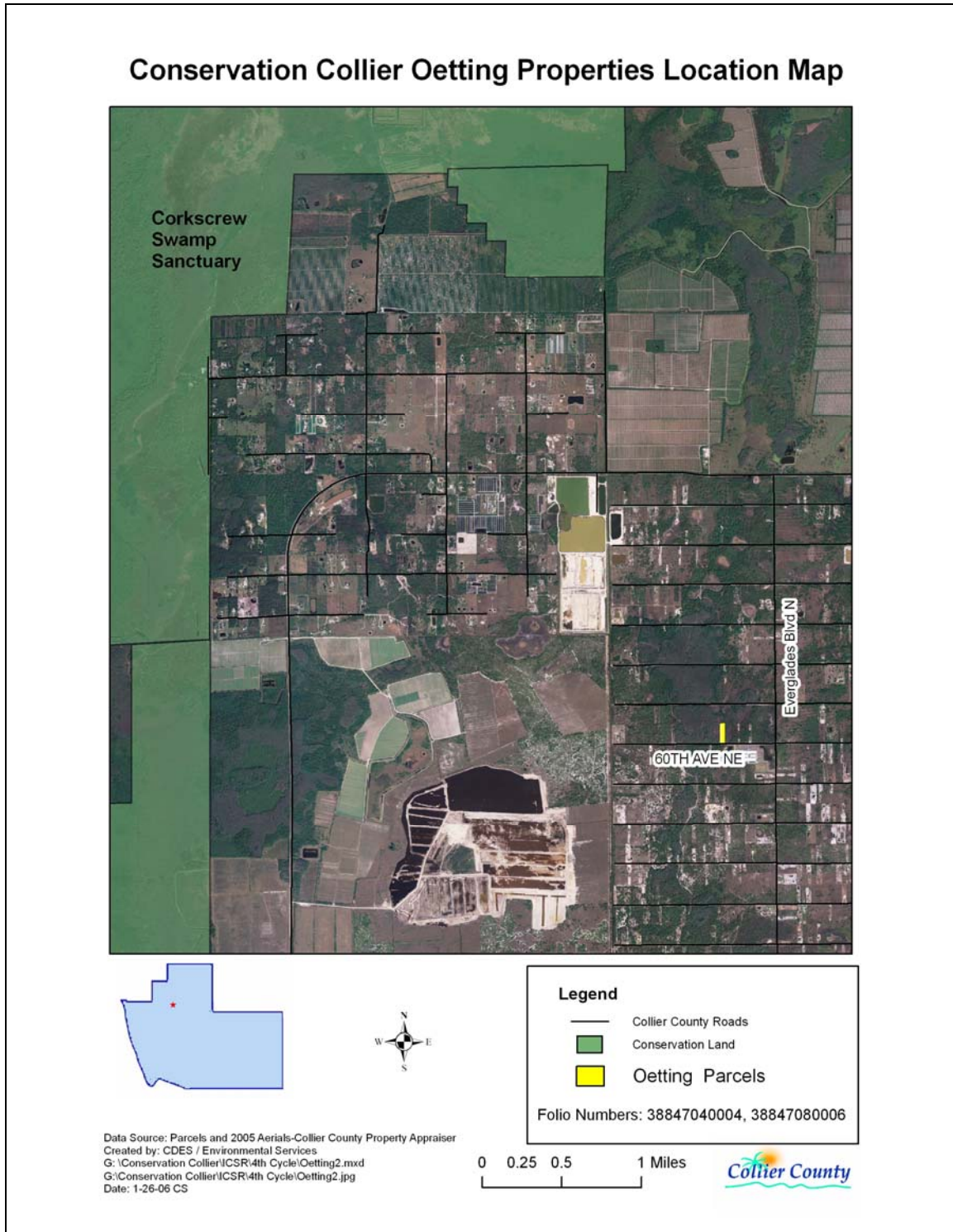


Figure 3. Surrounding Lands Aerial



**Summary of Assessed Value and Property Costs Estimates**

The interest being appraised for this estimate is fee simple for the purchase of the site, and the value of this interest is subject to the normal limiting conditions and the quality of market data. An appraisal of the parcel was estimated using three traditional approaches, cost, income capitalization and sales comparison. Each is based on the principal that an informed purchaser would pay no more for the rights in acquiring a particular real property than the cost of acquiring, without undue delay, an equally desirable one. Three properties from within 3 miles of this property were selected for comparison, each with similar site characteristics, utility availability, zoning classification and road access. No inspection was made of the property or comparables used in the report and the appraiser relied upon information provided by program staff. Conclusions are limited only by the reported assumptions and conditions that no other known or unknown adverse conditions exist. Pursuant to the Conservation Collier Purchase Policy, one appraisal is required.

**Assessed Value: \*           Folio 38847080006 - \$16,673**  
**Folio 38847040004 - \$16,673**

**Estimated Market Value: \*\* \$45,000 each parcel or \$90,000 for both**

\* Property Appraiser's Website – date of inquiry 1/18/06

\*\* Collier County Real Estate Services Department – appraisal estimate as of 2/27/06

## II. Statement for satisfying Initial Screening Criteria, Including Biological and Hydrological Characteristics

Collier County Environmental Resources Department staff conducted a site visit on January 18, 2006.

### MEETS INITIAL SCREENING 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**

i. Hardwood hammocks	No
ii. Xeric oak scrub	No
iii. Coastal strand	No
iv. Native beach	No
v. Xeric pine	No
vi. Riverine Oak	No
vii. High marsh (saline)	No
viii. Tidal freshwater marsh	No
ix. Other native habitats	Yes

### Vegetative Communities:

Staff used two methods to determine native plant communities present; review of South Florida Water Management District (SFWMD) electronic databases for Department of Transportation's Florida Land Use, Cover and Forms (FLUCCS) (1994/1995) and field verification of same.

### FLUCCS:

The electronic database identified:

- FLUCCS 621 - Cypress

The following native plant communities were observed:

- FLUCCS 621 - Cypress

### Plant Communities present:

Ground Cover: Ground cover vegetation observed included, in general order of dominance: saw grass (*Cladium jamaicense*), grasses including maidencane (*Panicum hemitomon*), swamp fern (*Blechnum serrulatum*), chainfern (*Woodwardia virginica*), buttonweed (*Diodia virginica*), mermaid-weed (*Proserpinaca spp.*), climbing hempweed (*Mikania scandens*), smartweed (*Polygonum spp.*), false nettle (*Boehmeria cylindrica*), cattail (*Typha latifolia*), water hyssop (*Bacopa spp.*), water pennywort (*Hydrocotyle spp.*), climbing aster (*Aster carolinianus*), pickerelweed (*Pontederia cordata*), and coreopsis (*Coreopsis sp.*).

Midstory: Vegetation present in the midstory included, in order of dominance: wax myrtle (*Myrica cerifera*), cabbage palm (*Sabal palmetto*), and willow (*Salix spp.*).



**Canopy:** Canopy vegetation included, in the order of dominance: Cypress (*Taxodium distichum*), willow (*Salix spp.*), red maple (*Acer rubrum*), and scattered cabbage palm.

**Statement for satisfaction of criteria:**

A February 25, 2005 Notice of Denial of Resource Permit from the Florida Department of Environmental Protection (FDEP), cited an August 11, 2004 site visit by staff finding “wetlands of high quality and function” and part of “a unique cypress system.” The January 18, 2006 site visit by staff and observations of the above noted plants confirms the presence of good quality native wetland plant communities.

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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**

**Statement for satisfaction of criteria:**

This property is located in a part of the North Golden Gate Estates where Conservation Collier does not have other lands, and so is geographically distributed from other acquired lands. There is appropriate access from 60<sup>th</sup> Ave. NE for nature-based recreation and the property is situated across from the Estates Elementary School. The property is located along a public road and is visible to citizens. Its high environmental quality and visibility would serve to enhance the aesthetic setting of Collier County.

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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**

**General Hydrologic Characteristics observed and description of adjacent upland /wetland buffers:** General hydrologic characteristics observed by staff include wetland dependent plants, water marks on cypress trees indicating water routinely reaches 18 – 24 inches in depth, 18-inch cypress knees and significant buttressing on cypress tree trunks. Additionally, in the February 25, 2005 permit denial, DEP staff noted that they observed elevated lichen lines, expanded lenticels of the wax myrtle, adventitious rooting of vines, aquatic fauna and hydric soil indicators. The same denial notes that a permanent impact of development would be “loss of critical habitat cover, refuge, breeding, nesting and nursery areas for wetland dependent species such as the endangered Wood Stork” and that the proposed construction would result in “loss of primary productivity support, nutrient assimilation and cycling, natural water storage, natural water flow attenuation, and water quality improvement.”

**Wetland dependent plant species (OBL/ FACW) observed:**

OBL	FACW
saw grass ( <i>Cladium jamaicense</i> )	chainfern ( <i>Woodwardia virginica</i> )
maidencane ( <i>Panicum hemitomon</i> )	buttonweed ( <i>Diodia virginica</i> )
water hyssop ( <i>Bacopa</i> spp.)	swamp fern ( <i>Blechnum serrulatum</i> )
smartweed ( <i>Polygonum</i> spp.)	red maple ( <i>Acer rubrum</i> )
mermaid-weed ( <i>Proserpinaca</i> spp.)	coreopsis ( <i>Coreopsis</i> sp.)
false nettle ( <i>Boehmeria cylindrica</i> )	
climbing aster ( <i>Aster carolinianus</i> )	
pickerelweed ( <i>Pontederia cordata</i> )	
willow ( <i>Salix</i> spp.)	

**Wetland dependent wildlife species observed:**

No wetland dependent wildlife was observed during staff's January 2006 site visit. In an August 2004 site visit, FDEP staff observed the aquatic fauna, apple snails (*Pomacea paludosa*) and crayfish (*Cambarellus* spp.).

**Soils:**

Soils data is based on the Soil Survey of Collier County Area, Florida (USDA/NRCS, 1990). The northern 66% of the parcels consists of Malabar Fine Sands; a hydric soil associated with sloughs and poorly defined drainageways. The typical vegetation for this soil type consists of pine, cypress, cabbage palm, saw palmetto, wax myrtle and native grasses. The southern 33% of the parcel consists of Riviera, limestone substratum-Copeland Fine Sands. This is also a hydric soil type, commonly associated with sloughs and cypress swamps. Typical vegetation includes cypress, red maple, ferns and other wetland plants. The observed vegetation corresponded with mapped soils.

**Lower Tamiami recharge Capacity:**

Recharge capacity of the Lower Tamiami aquifer is minimal at 0-7" yearly.

**Surficial Aquifer Recharge Capacity:**

Recharge capacity of the surficial aquifer is moderate at 43 to 56" yearly.

**FEMA Flood map designation:**

Zone D – The current Federal Emergency Management Agency (FEMA) map shows these lots are located in an area where flood hazards are undetermined.

**Statement for satisfaction of criteria:**

Observed and researched data including wetland plant community present, hydric soil types present, wetland dependent wildlife observed by FDEP and hydrologic characteristics noted in the above narrative indicate that acquisition of these parcels would offer opportunities for protection of water resource values.

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**

**Listed Plant Species:**

Listed plant species include those found in Florida Administrative Code (F.A.C.) Section 5B-40.0055 Regulated Plant Index and in the Endangered and Threatened Wildlife and Plants 50 CFR 17.11 and 17.12, December 1999, 50 CFR 17.11 and 17.12.

The following listed plant species were observed:

COMMON NAME	SCIENTIFIC NAME	STATUS	
		FDA	FWS
Common wild pine	<i>Tillandsia fasciculata</i>	E	n/a
Royal fern	<i>Osmunda regalis</i>	C	n/a

E=Endangered, T=Threatened, C=Commercially Exploited

**Listed Wildlife Species:**

Listed wildlife species include those found on either the Endangered and Threatened Wildlife and Plants 50 CFR 17.11 and 17.12, December 1999 (FWS) or the Florida Fish and Wildlife Conservation Commission (FWCC) Florida's Endangered Species, Threatened Species, and Species of Special Concern, 29 January, 2004.

No listed species were observed.

**Bird Rookery observed?**

No Rookery was observed.

**FWCC-derived species richness score:** 6 out of 10, indicating moderate potential for species richness.

**Non-listed species observed:**

County staff observed the following non-listed birds: blue jay, downy woodpecker, cardinal, catbird, turkey vulture, blue-grey gnatcatcher, yellow-rumped warbler, red shoulder hawk, red bellied woodpecker. Holes dug in the soil indicated presence of nine-banded armadillo.

**Potential Listed Species:**

The observed habitat and location would support the presence of the following listed species: snail kite (*Rostrhamus sociabilis*), limpkin (*Aramus guarauna*), and wood stork (*Mycteria americana*). Prey and appropriate habitat for these listed species was observed. Florida black bear (*Ursus americanus floridanus*) and Big Cypress fox squirrel (*Sciurus niger shermani*), may also be present, forage in, or move through this area as it is near known populations (Closing the Gaps, Florida Game and Freshwater Fish Commission, 1994).

**Statement for satisfaction of criteria:**

These parcels contain significant biological values, including biodiversity, evidenced by the presence of numerous non-listed bird species and listed species habitat and prey. They are not connected to other conservation lands, but are part of a known slough system. Intact native plant communities appropriate for mapped soils are present, indicating good ecological quality and high restoration potential.

**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**

**Statement for satisfaction of criteria:**

The parcels are not connected directly to current conservation lands; however, there is an ecological link and habitat corridor to the Corkscrew Swamp Sanctuary through North Golden Gate Estates and forested sections of agricultural lands to the west. This link is bisected by several residential Golden Gate Estates roads and once by Immokalee Road.

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

**No**

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

**n/a**

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

### **III. Potential for Appropriate Use and Recommended Site Improvements**

#### **Potential Uses as Defined in Ordinance 2002-63, section 5.9:**

Hiking: Dry season walks are possible and a boardwalk would allow year-round access. **The Estates Elementary School is across 60<sup>th</sup> Ave. NE, providing potential for environmental education. Principal Oliver Phipps has advised program staff that an environmental education site would be of great value for his teachers and students.**

Nature Photography: This area has potential for nature photography.

Bird-watching: There is good potential for bird-watching.

Kayaking/Canoeing: These uses would not be possible.

Swimming: This is not a potential use.

Hunting: Hunting is not an appropriate use of these parcels due to proximity of residences.

Fishing: Fishing is not a potential use.

#### **Recommended Site Improvements:**

Development of a trail/boardwalk leading to an observation platform would allow use by school children from Estates Elementary School. As the site is in wetlands and relatively small, it would not be appropriate to develop parking or restrooms unless other adjacent parcels could be acquired.

## **IV. Assessment of Management Needs and Costs**

Management of this property will address the costs of exotic vegetation removal and control, the construction of a trail/boardwalk and observation platform to allow the public to have access to selected portions of the property. The following assessment addresses both the initial and recurring costs of management. These are very preliminary estimates; Ordinance 2002-63 requires a formal land management plan be developed for each property acquired by Conservation Collier.

### **Invasive Exotic Plants Present:**

Very few exotic invasive plants were observed besides a few Brazilian pepper plants along 60<sup>th</sup> Ave. NE and scattered through the interior.

### **Exotic Vegetation Removal and Control**

The initial cost of exotic removal is based on cost estimates provided by a contractor who routinely contracts with the County Parks and Recreation Department for exotic removal. The level of infestation observed was minimal, approximately 10%. Exotics would be cut, the stumps treated with herbicide and the debris removed to a waste facility.

Based on the acreage involved, total initial removal costs would be approximately \$4,000 for the entire parcel. Costs for follow-up maintenance, done anywhere from quarterly to annually have been estimated at between \$100 and \$450 per acre, per year for a total of approximately \$250 for 2.28 acres. These costs would likely remain low over time with semi-annual to annual maintenance.

### **Public Parking Facility:**

No public parking is anticipated for this site. If adjacent parcels containing upland areas are offered, there may be potential for parking.

### **Public Access Trails:**

A simple cleared trail or elevated boardwalk can be developed leading to an observation deck.

### **Security and General Maintenance:**

It may be desirable to fence the property with a type of fencing that would identify boundaries, yet allow wildlife free movement across it. Field fencing, similar to that used by FL DOT along I-75 can be used. Cost including installation for this type of fencing as approx. \$3.00 per foot. Gates are approx \$250.00. The need for fencing can be determined as part of a final management plan. A sign identifying this as a Conservation Collier Preserve can be placed along 60<sup>th</sup> Ave. NE. Minimal management activities, like trash removal and trail maintenance can be accomplished using both contracted and volunteer labor.

**Table 2. Summary of Estimated Management Needs and Costs**

Management Element	Initial Cost	Annual Recurring Costs	Comments
Exotics Control	\$4,000	\$500	Semi-annual treatment for the first several years is preferable. Cost estimate is for cutting, application of herbicide and removal of debris.
Parking Facility	0	0	t.b.d. – but there is very little opportunity for development of parking on this site
Access Trails/ ADA	\$150,000	t.b.d.	Development of a boardwalk 150 feet long five feet wide and observation platform that would satisfy requirements for ADA access.
Fencing	0	0	t.b.d.
Trash Removal	0	0	A sign can identify that visitors must carry out their own trash. Program staff can monitor for trash
Signs	\$2,200	t.b.d.	32 square feet sign, costs include permitting and installation and 5 wetland information signs on boardwalk.
<b>Total</b>	<b>\$156,200</b>	<b>t.b.d</b>	

**t.b.d. To be determined; cost estimates have not been finalized.**

## V. Potential for Matching Funds

The primary partnering agencies for conservation acquisitions, and those identified in the ordinance are the Florida Communities Trust (FCT), The Florida Forever Program and the Save Our Rivers Program. The following highlights potential for partnering funds, as communicated by agency staff:

### **Florida Communities Trust:**

Potential does exist for a grant; however, these grants are offered on a yearly cycle and are rarely coordinated with purchases to provide up-front partner funding. Application is typically made for pre-acquired sites. Each recipient is limited to a maximum of ten percent (10%) of the available bond proceeds. For the 2005 funding cycle the award limit per recipient, per cycle, was \$6.6 million. The next funding cycle closes in May of 2006. Multiple applications may be made, as long as the total amount requested does not exceed the 10% award maximum. Collier County, with a population exceeding 75,000, is required to provide a minimum match of twenty-five percent (25%) of the total for each project cost.

**A cursory test scoring of this parcel with FCT criteria by staff gives this parcel a score of 90 out of a possible 320 points.** Staff was verbally advised that if a score is under 125, chances of it being selected for funding are not likely. This parcel appears to be below the minimum mark to hold hope for possibility of selection for FCT post-acquisition funding.

### **Florida Forever Program:**

Staff was verbally advised that the Florida Forever Program is concentrating on larger, more rural parcels, unless those parcels are inside an existing acquisition boundary. This parcel is not inside a Florida Forever project boundary

### **Save Our Rivers Program / South Florida Water Management District:**

SFWMD staff has advised that none of our current parcels is within a SFWMD project boundary and funding partnerships are unlikely unless that is the case.



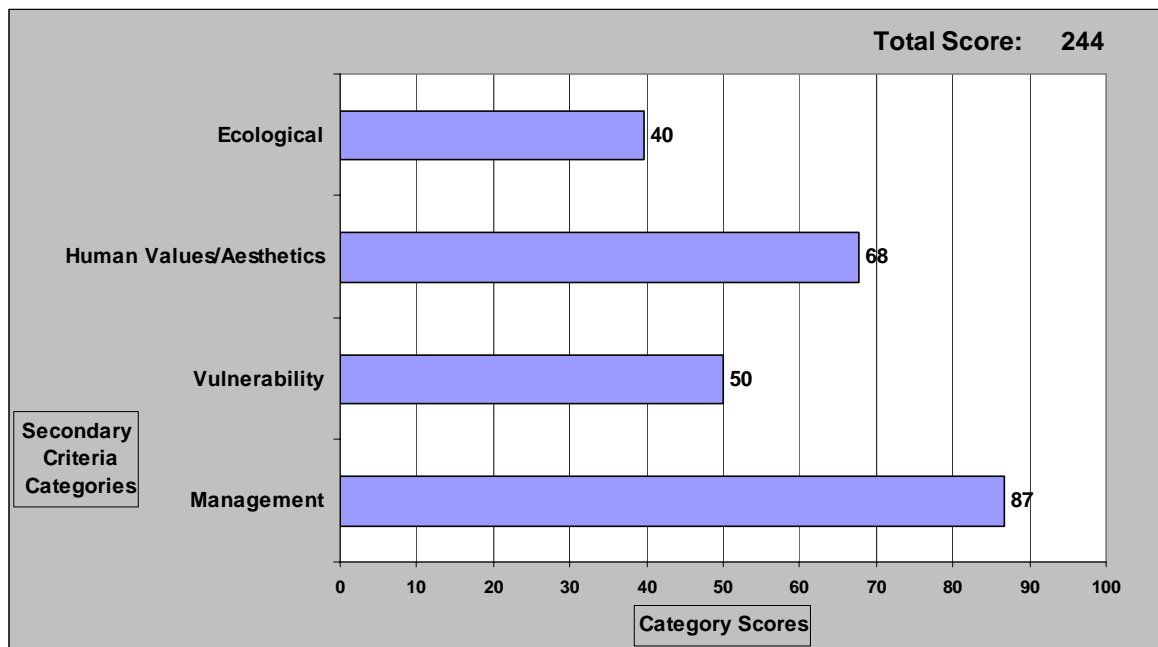
## VI. Summary of Secondary Screening Criteria

Staff has scored property on the Secondary Criteria Screening Form and attached the scoring form as Exhibit E. A total score of 244 out of a possible 400 was achieved. The chart and graph below show a breakdown of the specific components of the score.

**Table 3. Tabulation of Secondary Screening Criteria**

Secondary Screening Criteria	Possible Points	Scored Points	Percent of Possible Score
Ecological	100	40	40%
Human Values/Aesthetics	100	68	68%
Vulnerability	100	50	50%
Management	100	87	87%
<b>Total Score:</b>	<b>400</b>	<b>244</b>	<b>61%</b>

**Figure 4. Secondary Screening Criteria Scoring**



**Summary of factors contributing to score**  
**Total Score – 244 out of 400**

**Ecological - 40:**

While the parcel does not have any of the higher-scoring unique and endangered plant communities, it does have high quality native cypress, contributes to the recharge of the surficial aquifer, provides habitat for wetland dependent species, contains prey for listed species, and contains locally abundant but listed bromeliad species. There is a forested ecological link to Corkscrew Swamp Sanctuary though it crosses several Estates roads and Immokalee Road.

**Human Values/Aesthetics - 68:**

The parcels have good public access, from a public road – 60<sup>th</sup> Ave. N.E. The parcel offers opportunities for environmental education for school age children, particularly the children at Estates Elementary, across 60<sup>th</sup> Ave. NE from the parcels.

**Vulnerability - 50:**

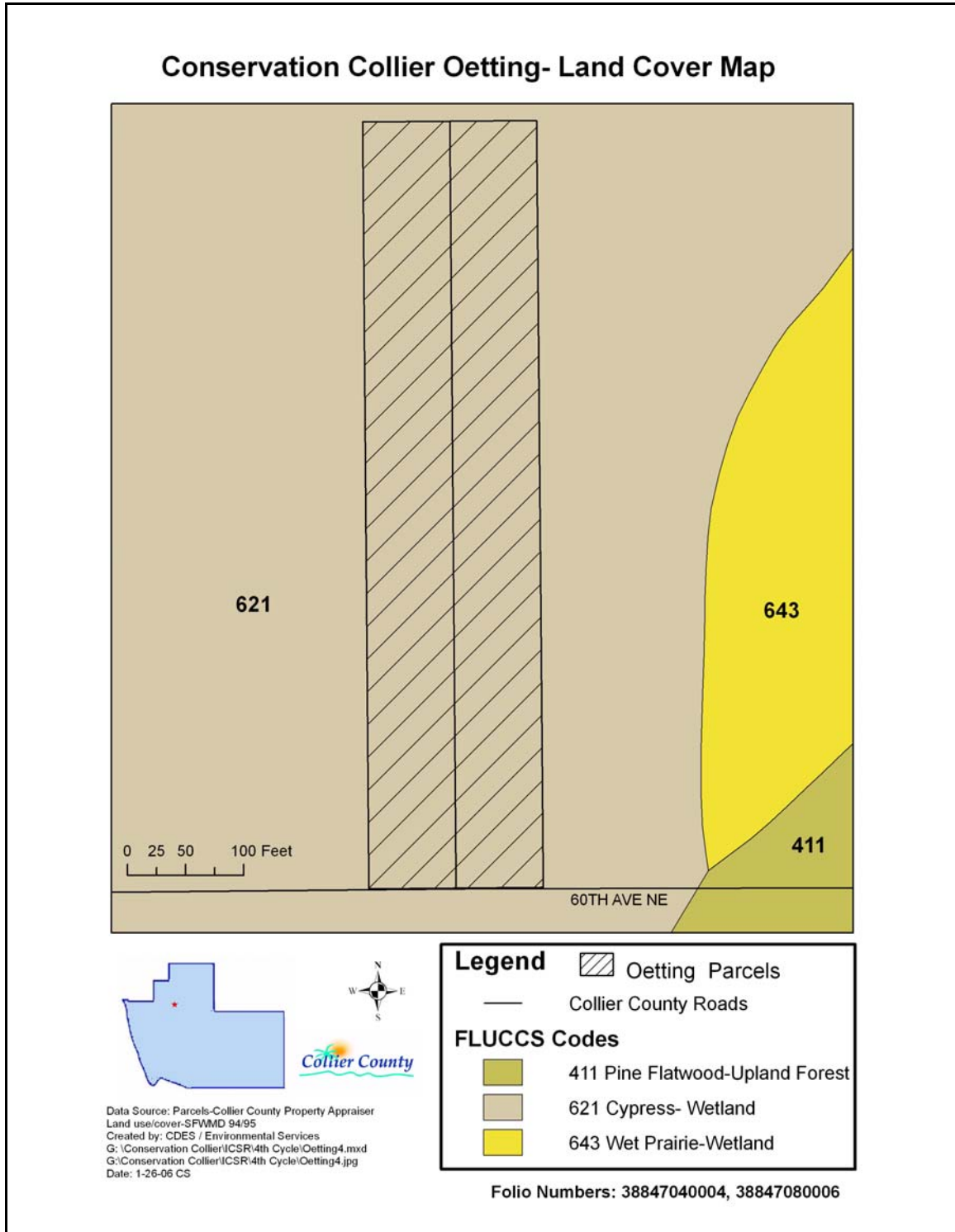
The parcels are platted as single family home sites; however, the Florida Department of Environmental Protection (FDEP) has denied building permits on both lots.

**Management - 87:**

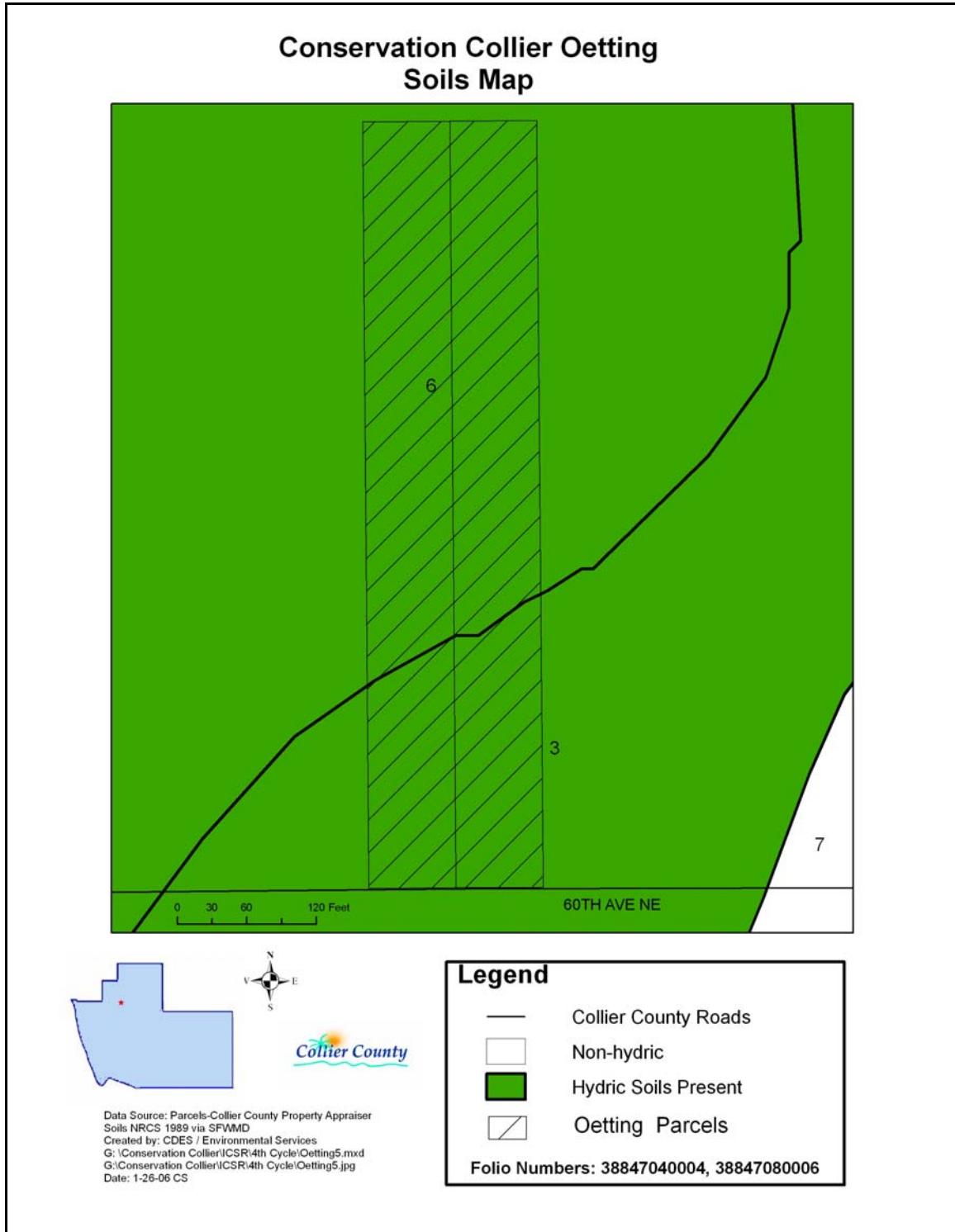
No hydrologic changes are necessary to sustain site qualities in perpetuity, infestation by invasive exotic plants is minimal, estimated at 10%, and minimal maintenance and management would be necessary due to slough characteristics.

**Parcel Size:** Total size is 2.28 acres. While parcel size was not scored, the ordinance advises that based on comparative size, the larger of similar parcels is preferred. This parcel is similar to other Conservation Collier acquisitions, specifically, in the NGGE Unit 53 area and Winchester Head, but it is not similar to others currently under review in cycle 4.

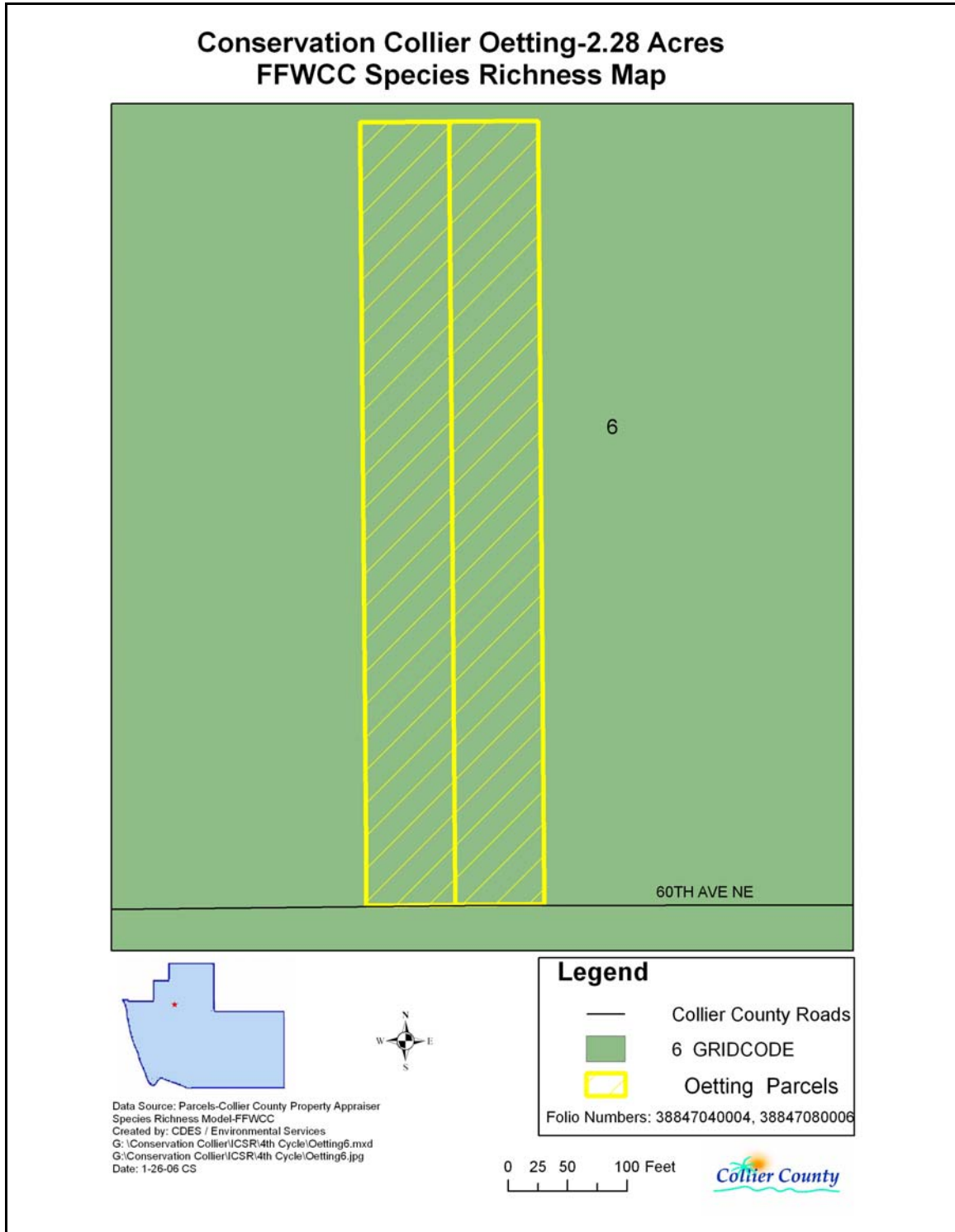
### Exhibit A. FLUCCs Map



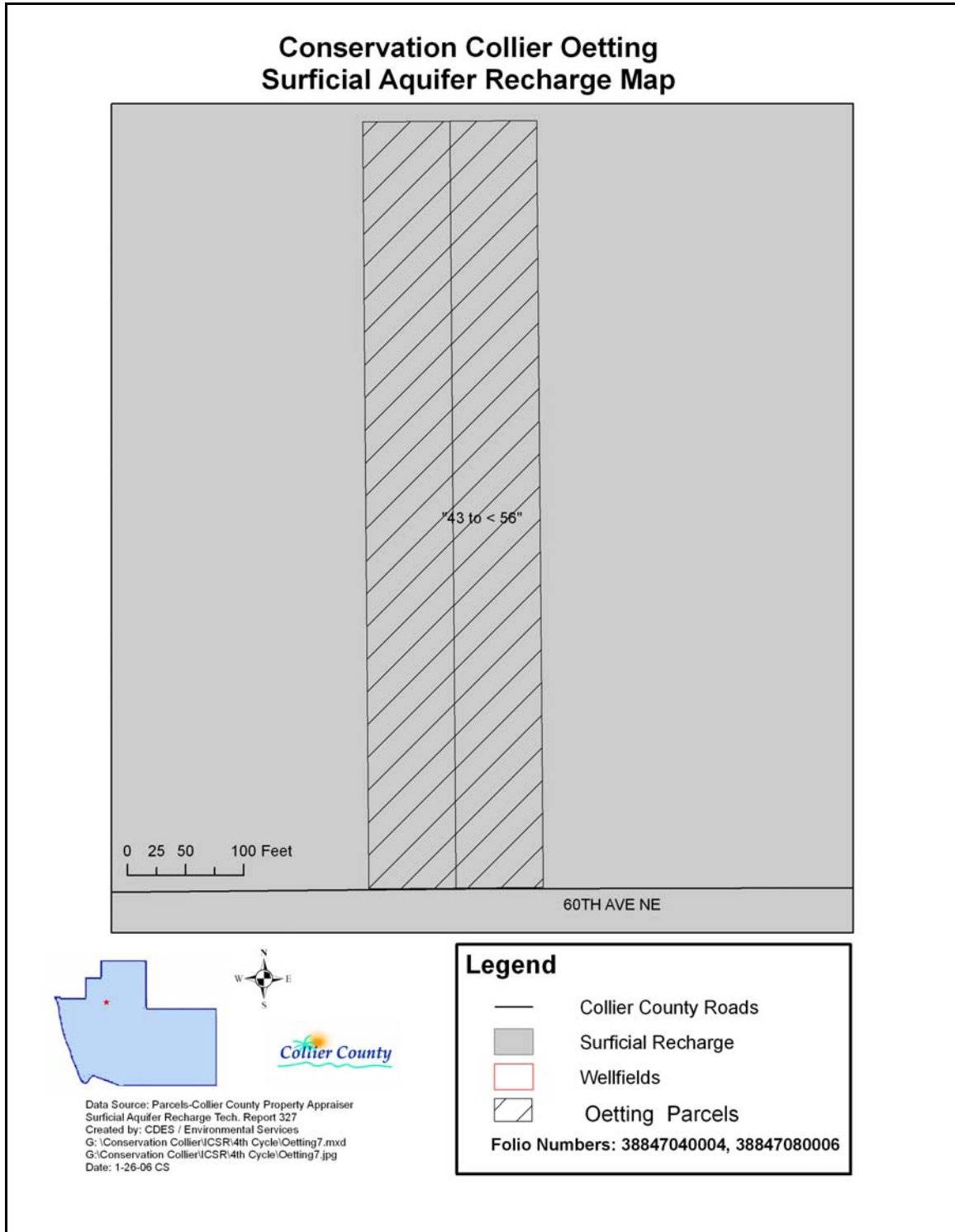
### Exhibit B. Soils Map

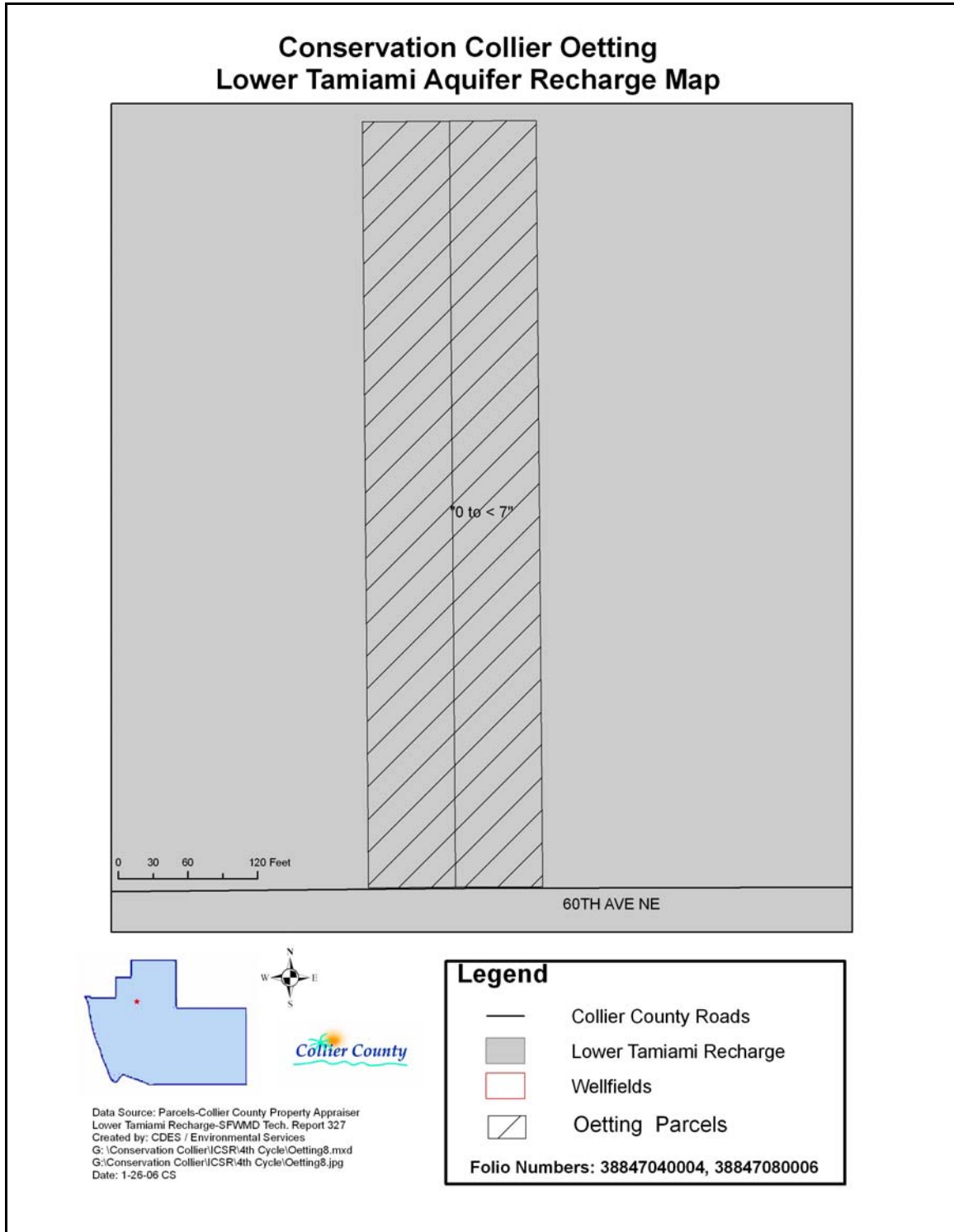


### Exhibit C. Species Richness Map



### Exhibit D. Wellfield Protection and Aquifer Recharge Maps





## Exhibit E. Completed and Scored Secondary Criteria Screening Form

Property Name: Oetting	Folio Numbers: 38847040004 and 38847080006		
Geographical Distribution (Target Protection Area): NGGE			
<b>1. Confirmation of Initial Screening Criteria (Ecological)</b>			
<b>1.A Unique and Endangered Plant Communities</b>	<b>Possible points</b>	<b>Scored points</b>	<b>Comments</b>
<i>Select the highest Score:</i>			
1. Tropical Hardwood Hammock	90		
2. Xeric Oak Scrub	80		
3. Coastal Strand	70		
4. Native Beach	60		
5. Xeric Pine	50		
6. Riverine Oak	40		
7. High Marsh (Saline)	30		
8. Tidal Freshwater Marsh	20		
9. Other Native Habitats	10	10	Cypress
10. Add additional 5 points for each additional listed plant community found on the parcel	5 each		
11. Add 5 additional points if plant community represents a unique feature, such as maturity of vegetation, outstanding example of plant community, etc.	5	5	property in Horsepen Strand, called a "wetlands of high quality and function" by DEP in permit denial for building on this site.
<b>1.A. Total</b>	<b>100</b>	<b>15</b>	
<b>1.B Significance for Water Resources</b>	<b>Possible points</b>	<b>Scored points</b>	<b>Comments</b>
1. Aquifer Recharge ( <i>Select the Highest Score</i> )			
a. Parcel is within a wellfield protection zone	100		
b. Parcel is not in a wellfield protection zone but will contribute to aquifer recharge	50	50	Parcel is just outside the protection zone for the East Golden Gate wellfield; 0-7" Lower Tamiami recharge; 43 to 56" surficial recharge
c. Parcel would contribute minimally to aquifer recharge	25		
d. Parcel will not contribute to aquifer recharge, eg., coastal location	0		
2. Surface Water Quality ( <i>Select the Highest Score</i> )			
a. Parcel is contiguous with and provides buffering for an Outstanding Florida Waterbody	100		
b. Parcel is contiguous with and provides buffering for a creek, river, lake or other surface water body	75		
c. Parcel is contiguous with and provides buffering for an identified flowway	50	50	Parcel is within Horsepen Slough, an identified flowway in NGGE
d. Wetlands exist on site	25	25	High quality wetlands on site
e. Acquisition of parcel will not provide opportunities for surface water quality enhancement	0		
3. Strategic to Floodplain Management ( <i>Calculate for a and b; score c if applicable</i> )			
a. Depressional soils	80		( <i>Prorate site based on area of Slough or Depressional Soils</i> )
b. Slough Soils	40	40	Malabar FS (s) 60% and Riviera Limestone substratum-Copeland FS (s) 40% - both slough soils
c. Parcel has known history of flooding and is likely to provide onsite water attenuation	20	20	numerous hydrologic indicators were observed showing site typically holds 18" to 2' of water in wet season.
Subtotal	300	185	
<b>1.B Total</b>	<b>100</b>	<b>62</b>	<i>Obtained by dividing the subtotal by 3.</i>
<b>1.C Resource Ecological/Biological Value</b>	<b>Possible points</b>	<b>Scored points</b>	<b>Comments</b>
1. Biodiversity ( <i>Select the Highest Score for a, b and c</i> )			
a. The parcel has 5 or more FLUCCS native plant communities	100		
b. The parcel has 3 or 4 FLUCCS native plant communities	75		
c. The parcel has 2 or less FLUCCS native plant communities	50		
d. The parcel has 1 FLUCCS code native plant communities	25	25	621 - Cypress
2. Listed species			
a. Listed wildlife species are observed on the parcel	80		<i>If a. or b. are scored, then c. Species Richness is not scored. Provide documentation source - Note: DEP noted presence of apple snails, exclusive prey for Snail Kite (E) and are a large part of the diet for Limpkin (SSC)</i>
b. Listed wildlife species have been documented on the parcel by w	70		
c. Species Richness score ranging from 10 to 70	70	42	<i>Score is prorated from 10 to 70 based on the FFWCC Species Richness map - Score is 6 out of 10 for the entire parcel.</i>
d. Rookery found on the parcel	10		
e. Listed plant species observed on parcel - add additional 20 point	20	20	Tillandsia fasciculata; T. balbisiana



## Exhibit E. Completed and Scored Secondary Criteria Screening Form (Continued)

<b>3. Restoration Potential</b>			
a. Parcel can be restored to high ecological function with minimal alteration	100	100	Minimal exotics removal would be the only restoration need
b. Parcel can be restored to high ecological function but will require moderate work, including but not limited to removal of exotics and alterations in topography.	50		
c. Parcel will require major alterations to be restored to high ecological function.	15		
d. Conditions are such that parcel cannot be restored to high ecological function	0		explain limiting conditions
Subtotal	300	187	
<b>1.C Total</b>	<b>100</b>	<b>62</b>	Divide the subtotal by 3
<b>1.D Protection and Enhancement of Current Conservation Lands</b>	<b>Possible points</b>	<b>Scored points</b>	<b>Comments</b>
<b>1. Proximity and Connectivity</b>			
a. Property immediately contiguous with conservation land or conservation easement.	100		
b. Property not immediately contiguous, parcels in between it and the conservation land are undeveloped.	50		
c. Property not immediately contiguous, parcels in-between it and conservation land are developed	0	0	
d. If not contiguous and developed, add 20 points if an intact ecological link exists between the parcel and nearest conservation land	20	20	Slough connects with Corkscrew Swamp Sanctuary to the west
<b>1.D Total</b>	<b>100</b>	<b>20</b>	
<b>1. Ecological Total Score</b>	<b>100</b>	<b>40</b>	Sum of 1A, 1B, 1C, 1D then divided by 4
<b>2. Human Values/Aesthetics</b>			
<b>2.A Human Social Values/Aesthetics</b>	<b>Possible points</b>	<b>Scored points</b>	<b>Comments</b>
<b>1. Access (Select the Highest Score)</b>			
a. Parcel has access from a paved road	100	100	off 60th Ave NE - across from Estates Elementary School
b. Parcel has access from an unpaved road	75		
c. Parcel has seasonal access only or unimproved access easement	50		
d. Parcel does not have physical or known legal access	0		
<b>2. Recreational Potential (Select the Highest Score)</b>			
a. Parcel offers multiple opportunities for natural resource-based recreation consistent with the goals of this program, including but not limited to, environmental education, hiking, nature photography, bird watching, kayaking, canoeing, swimming, hunting (based on size?) and fishing.	100		
b. Parcel offers only land-based opportunities for natural resource-based recreation consistent with the goals of this program, including but not limited to, environmental education, hiking, and nature photography.	75	75	Parcel offers opportunity for school children to access for environmental education about wetlands
c. Parcel offers limited opportunities for natural-resource based recreation beyond simply accessing and walking on it	50		
d. Parcel does not offer opportunities for natural-resource based recreation	0		
<b>3. Enhancement of Aesthetic Setting</b>			
a. Percent of perimeter that can be seen by public. Score based on percentage of frontage of parcel on public thoroughfare	80	8	Score between 0 and 80 based on the percentage of the parcel perimeter that can be seen by the public from a public thoroughfare.
b. Add up to 20 points if the site contains outstanding aesthetic characteristic(s), such as but not limited to water view, mature trees, native flowering plants, or archeological site	20	20	Provide a description and photo documentation of the outstanding characteristic - high quality wetland with mature cypress trees
Subtotal	300	203	
<b>2. Human Social Values/Aesthetics Total Score</b>	<b>100</b>	<b>68</b>	Obtained by dividing the subtotal by 3.
<b>3. Vulnerability to Development/Degradation</b>			
<b>3.A Zoning/Land Use Designation</b>	<b>Possible points</b>	<b>Scored points</b>	<b>Comments</b>
1. Zoning allows for Single Family, Multifamily, industrial or commercial	50	50	DEP has denied a building permit
2. Zoning allows for density of no greater than 1 unit per 5 acres	45		
3. Zoning allows for agricultural use /density of no greater than 1 unit	40		
4. Zoning favors stewardship or conservation	0		
5. If parcel has ST overlay, remove 20 points	-20		
6. Property has been rezoned and/or there is SDP approval	25		
7. SFWMD and/or USACOE permit has been issued	25		
8. A rezone or SDP application has been submitted	15		
9. SFWMD and/or USACOE permit has been applied for	15		
<b>3. Vulnerability Total Score</b>	<b>100</b>	<b>50</b>	

## Exhibit E. Completed and Scored Secondary Criteria Screening Form (Continued)

4. Feasibility and Costs of Management			
4.A Hydrologic Management Needs	Possible points	Scored points	Comments
1. No hydrologic changes are necessary to sustain qualities of site in perpetuity	100	100	No changes necessary
2. Minimal hydrologic changes are required to restore function, such a cut in an existing berm	75		
3. Moderate hydrologic changes are required to restore function, such as removal of existing berms or minor re-grading that require use of machinery	50		
4. Significant hydrologic changes are required to restore function, such as re-grading of substantial portions of the site, placement of a berm, removal of a road bed, culvert or the elevation of the water table by installing a physical structure and/or changes unlikely	0		
<b>5.A Total</b>	<b>100</b>	<b>100</b>	
4.B Exotics Management Needs	Possible points	Scored points	Comments
1. Exotic Plant Coverage			
a. No exotic plants present	100		
b. Exotic plants constitute less than 25% of plant cover	80	80	Approx 10% - scattered Brazilian pepper in interior and along 60th Ave. NE
c. Exotic plants constitute between 25% and 50% of plant cover	60		
d. Exotic plants constitute between 50% and 75% of plant cover	40		
e. Exotic plants constitute more than 75% of plant cover	20		
maintenance effort and management will be needed (e.g., heavy infestation by air potato or downy rosemyle)	-20		
g. Adjacent lands contain substantial seed source and exotic removal is not presently required	-20		
<b>5.B Total</b>	<b>100</b>	<b>80</b>	
4.C Land Manageability	Possible points	Scored points	Comments
1. Parcel requires minimal maintenance and management, examples: cypress slough, parcel requiring prescribed fire where fuel loads are low and neighbor conflicts unlikely	80	80	Parcel is Cypress slough, no immediate adjoining neighbors
2. Parcel requires moderate maintenance and management, examples: parcel contains trails, parcel requires prescribed fire and circumstances do not favor burning	60		
3. Parcel requires substantial maintenance and management, examples: parcel contains structures that must be maintained, parcel requires management using machinery or chemical means which will be difficult or expensive to accomplish	40		
4. Add 20 points if the maintenance by another entity is likely	20		
5. Subtract 10 points if chronic dumping or trespass issues exist	-10		
<b>5.C Total</b>	<b>100</b>	<b>80</b>	
<b>4. Feasibility and Management Total Score</b>	<b>100</b>	<b>87</b>	<i>Sum of 5A, 5B, 5C, then divided by 3</i>
<b>Total Score</b>	<b>400</b>	<b>244</b>	

## **Exhibit F. Photographs**

**Photo 1. View from 60<sup>th</sup> Ave NE looking north through parcels**



**Photo 2. Cypress forest in interior - Note water marks on cypress**



**Photo 3. Water marks – 18 inches**



**Photo 4. View of front of parcels along 60<sup>th</sup> Ave. NE**



**Photo 5. View from 60<sup>th</sup> Ave NE showing minimal exotics along edge**



**Photo 6. Cypress Slough**



**Photo 7. Interior of parcels looking north**



**Photo 8. Cypress slough – Note 24 inch water marks here**

