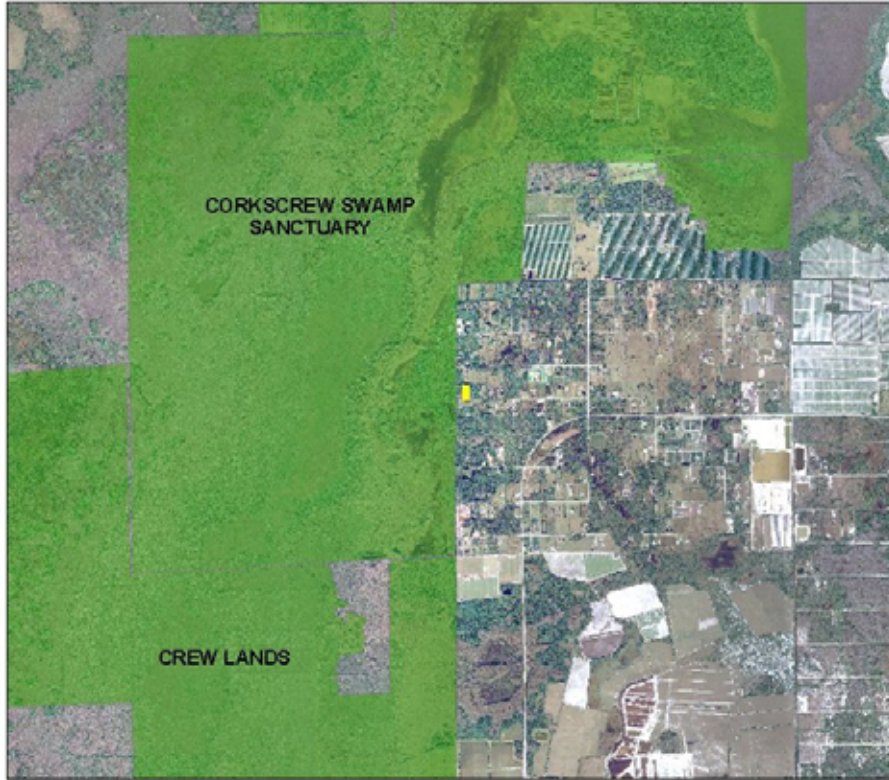


Conservation Collier Initial Criteria Screening Report



Property Name: Peters
Folio Number: 00093920003

Staff Report Date: June 13, 2005

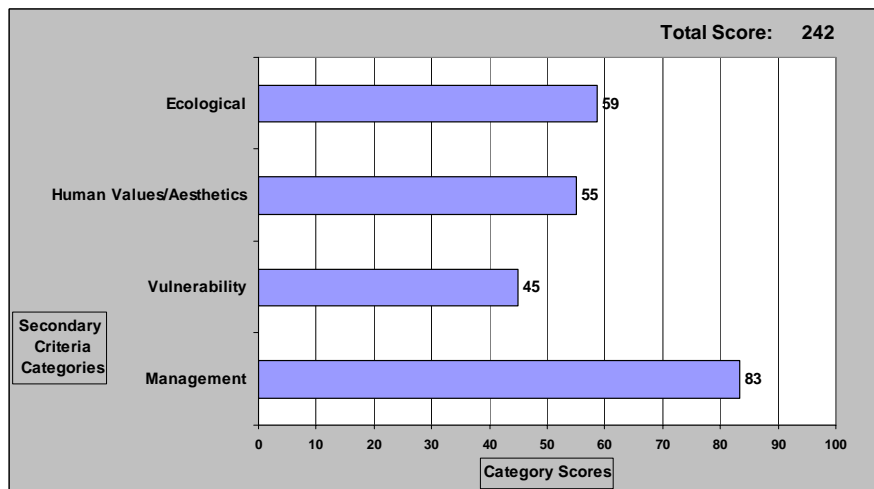


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B.	Soils Map
C.	Species Richness Map
D.	Wellfield Protection and Aquifer Recharge Map
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I. Summary of Property Information

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
Name	William W. and Judith J. Peters	Owners want to retain approx. 2-acre homestead
Folio Number	00093920003	n/a
Target Protection Area	No	Rural Fringe Mixed Use District - Neutral
Size	Approximately 5 acres	Entire parcel is 7.05 acres; owners only want to sell eastern 5 acres
STR	S 22, T 47 , R 27	n/a
Zoning Category/TDRs	A-MHO in Rural Fringe Neutral Area	1 Dwelling Unit or Mobile Home/ 5 acres; No TDRs associated with parcel
FEMA Flood Map Category	Zone D	Area located outside special flood hazard area
Existing structures	None	One mobile home and associated structures on portion of property not being offered
Adjoining properties and their Uses	Single family homes; Undeveloped zoned Agricultural	N – Cleared land with one single family home on the lot S, E, W – Relatively undeveloped. One or 2 single family homes and mobile homes on each of the parcels with little clearing for the dwellings. W – Corkscrew Swamp Sanctuary is on the other side of Rookery Ln., approximately 300 feet to the west of the bulk of this property, but access point is directly across Rookery Ln. .
Development Plans Submitted	None	A permit for a roof was issued for the portion of the property not being sold
Known Property Irregularities	Rows of ditches in the northern section of the property	Pine flatwoods portion of property on north side previously cleared in 1974 and again partially cleared in 1980's to establish small fruit tree grove

Figure 1. Location Map



Figure 2. Aerial Map

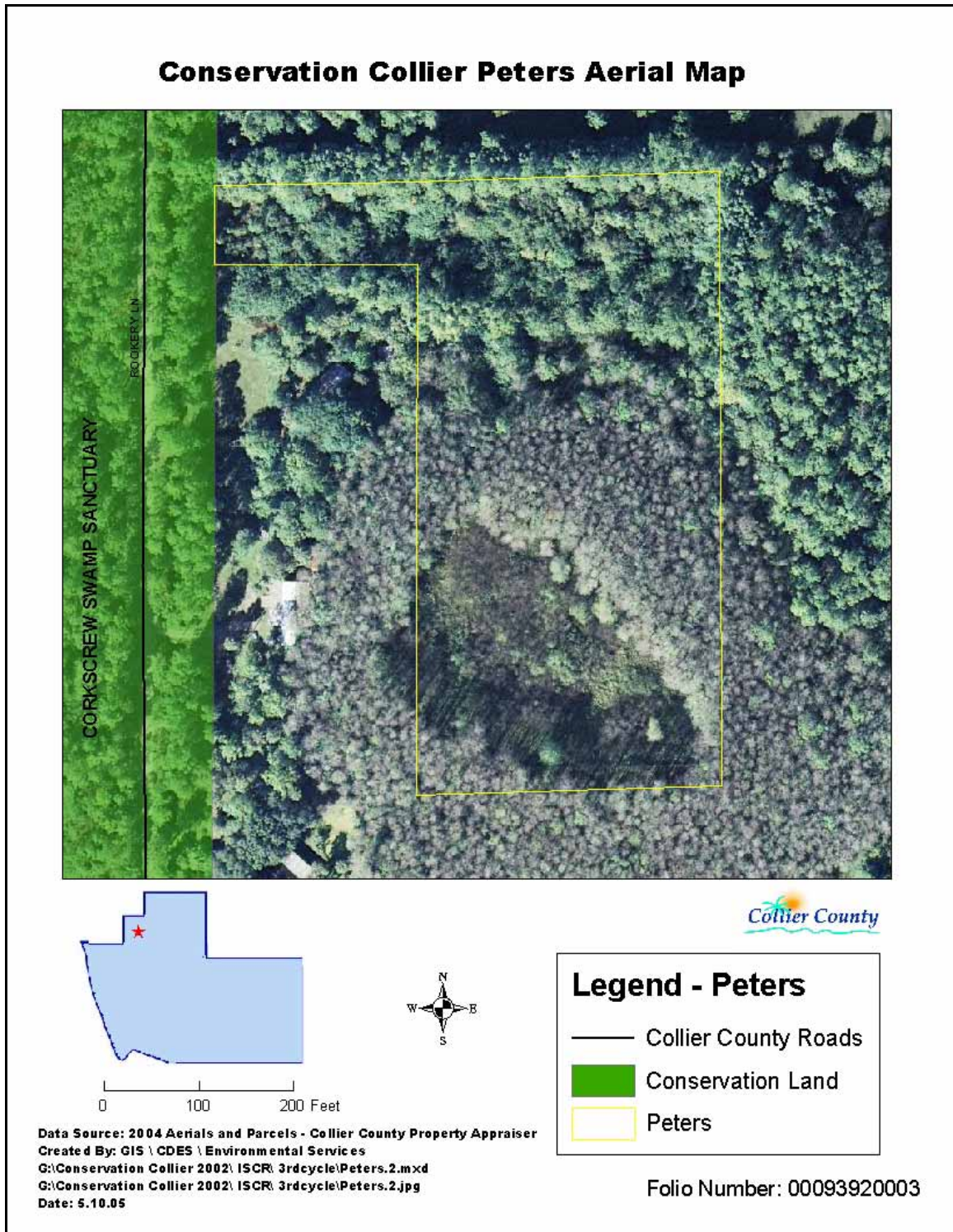
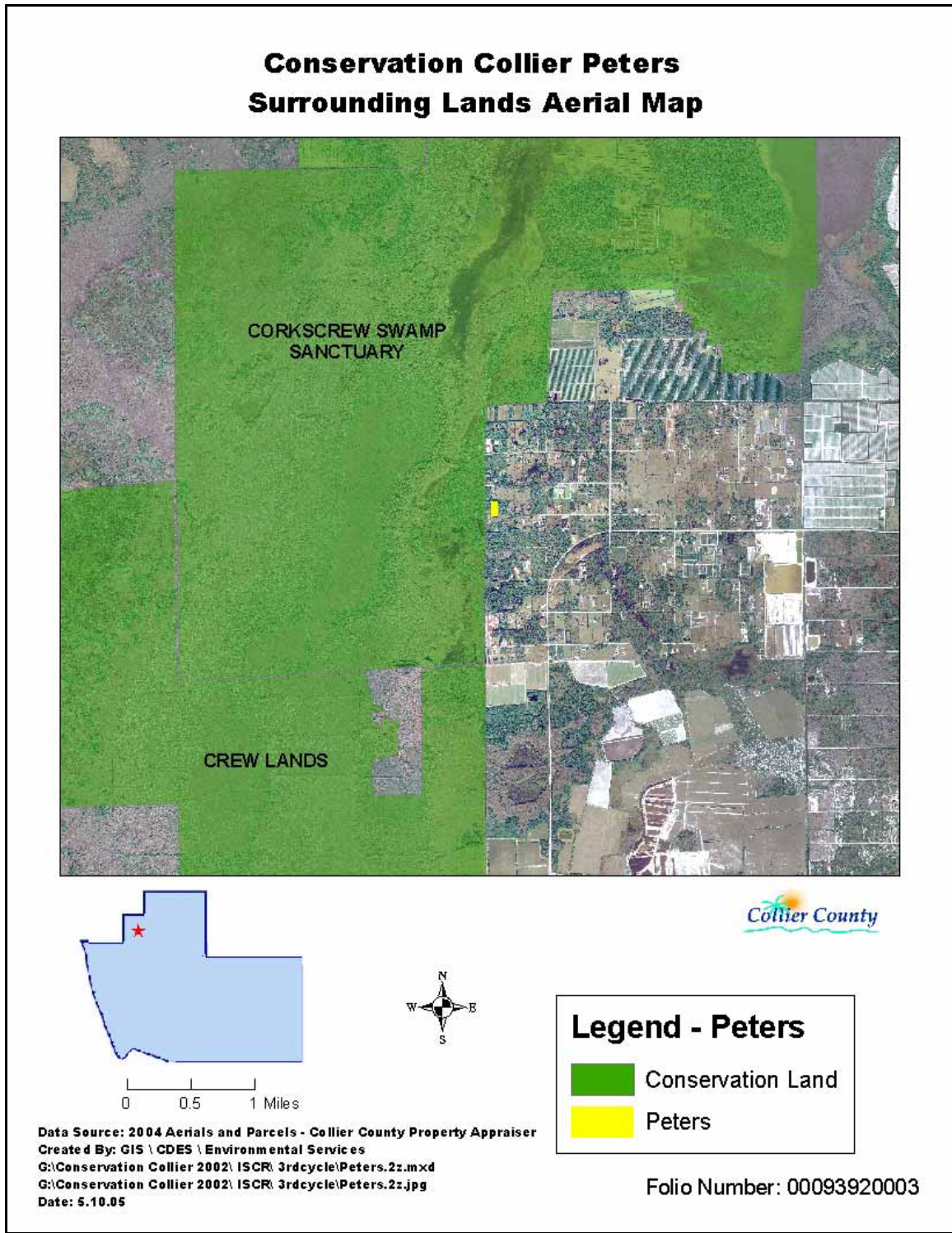


Figure 3. Surrounding Lands Aerial



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: * \$37,050.35 (Entire 7.05 acres assessed at \$52,241.00)

Estimated Market Value: ** \$70,000 There are no TDRs associated with this parcel.

* Property Appraiser's Website

** Collier County Real Estate Services Department

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

Collier County Environmental Resources Department staff conducted a site visit on May 10, 2005.

MEETS INITIAL SCREENING CRITERIA Yes

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)

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 4119 – Pine Flatwoods - melaleuca infested
- FLUCCS 621 – Cypress

The following native plant communities were observed:

- FLUCCS 411 – Pine Flatwoods
- FLUCCS 618 – Willow
- FLUCCS 621 – Cypress
- FLUCCS 641 – Freshwater Marsh

Characterization of Plant Communities present:

FLUCCS 621 – Cypress

Ground Cover: musky mint (*Hyptis alata*), hempvine (*Mikania scandens*), royal fern (*Osmunda regalis*), marsh fleabane (*Pluchea rosea*), beakrush (*Rhynchospora* spp.), Fakahatchee grass (*Tripsacum dactyloides*), sawgrass (*Cladium jamaicense*), mermaid weed (*Proserpinaca* spp.)

Midstory: myrsine (*Rapanea punctata*), saltbush (*Baccharis halimifolia*), red maple (*Acer rubrum*), wax myrtle (*Myrica cerifera*)

Canopy: cypress (*Taxodium distichum*), laurel oak (*Quercus laurifolia*)

FLUCCS 411 – Pine Flatwoods

Ground Cover: swamp fern (*Blechnum serrulatum*), musky mint (*Hyptis alata*), bracken fern (*Pteridium aquilinum*)

Midstory: cabbage palm (*Sabal palmetto*), saw palmetto (*Serenoa repens*), myrsine (*Rapanea punctata*), wax myrtle (*Myrica cerifera*)

Canopy: slash pine (*Pinus elliottii*)

Edges of Marsh and Willow head

Ground Cover: false nettle (*Boehmeria cylindrica*), button-weed (*Diodia virginiana*), swamp fern (*Blechnum serrulatum*), yellow-eyed grass (*Xyris* spp.), spoon flower (*Peltandra* spp.), beakrush (*Rhynchospora* spp.), water-hyssop (*bacopa* spp.), maidencane (*Panicum hemitomon*), smilax (*Smilax* spp.), hempvine (*Mikania scandens*), white twinevine (*Sarcostemma clausum*), arrowhead (*Sagittaria* spp.), mermaid weed (*Proserpinaca* spp.), chain fern (*Woodwardia virginica*), shield fern (*Thelypteris* spp.)

Midstory: dahoon holly (*Ilex cassine*), myrsine (*Rapanea punctata*)

Canopy: cypress (*Taxodium distichum*), bay (*Persea* spp.)

Marsh

Dominated by Maidencane (*Panicum hemitomon*)

Willow head

Dominated by willow (*Salix* spp.)

Statement for satisfaction of criteria:

These data indicate that intact native plant communities exist on the parcel.

-
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, marginally**

Statement for satisfaction of criteria:

Although the property is outside of the Target Protection Area, there is public access from Rookery Lane and a small portion of the property can be viewed at that point. Public access would be limited to the dry season.

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: The southern ¾ of the parcel is part of a depressional feature that extends outside the boundaries of the property. The center is a deep willow head surrounded by freshwater marsh, which is in turn surrounded by cypress. Water is present within the central willow head year round and levels fluctuate seasonally in the surrounding communities. Upland buffers to the north consist of disturbed pine flatwoods and cleared residential areas.

Wetland dependent plant species (OBL/ FACW) observed:

OBL	FACW
royal fern (<i>Osmunda regalis</i>) OBL	musky mint (<i>Hyptis alata</i>) FACW
sawgrass (<i>Cladium jamaicense</i>) OBL	marsh fleabane (<i>Pluchea rosea</i>) FACW
mermaid weed (<i>Proserpinaca</i> spp.) OBL	beakrush (<i>Rhynchospora</i> spp.) FACW
false nettle (<i>Boehmeria cylindrica</i>) OBL	button-weed (<i>Diodia virginiana</i>) FACW
yellow-eyed grass (<i>Xyris</i> spp.) OBL	swamp fern (<i>Blechnum serrulatum</i>) FACW
spoon flower (<i>Peltandra</i> spp.) OBL	chain fern (<i>Woodwardia virginica</i>) FACW
water-hyssop (<i>bacopa</i> spp.) OBL	shield fern (<i>Thelypteris</i> spp.) FACW
maidencane (<i>Panicum hemitomon</i>) OBL	
arrowhead (<i>Sagittaria</i> spp.) OBL	
dahoon holly (<i>Ilex cassine</i>) OBL	
cypress (<i>Taxodium distichum</i>) OBL	

Wetland dependent wildlife species observed: Property owners have observed alligators, otters, wood storks, herons, and egrets on the property.

Other Hydrologic indicators observed: High water marks 1 foot above ground level, buttressing and cypress knees

Soils: Soils data is based on the Soil Survey of Collier County Area, Florida (USDA/NRCS, 1990). Mapped soils on this parcel were identified as 60% Boca, Riviera, limestone substratum & Copeland fine sands-depressional (normally found in depressions, cypress swamps, and marshes containing bald cypress, pickerelweed, rushes, fireflag, sawgrass and Florida willow) and 40% Oldsmar Fine Sand (normally found in flatwoods containing slash pine, cabbage palm, saw palmetto, waxmyrtle, chalky bluestem, and pineland threeawn). Observed vegetation roughly corresponds to existing soil types. The flatwoods have been previously cleared and invaded by exotic species (Brazilian pepper and Java plum).

Lower Tamiami recharge Capacity: Relatively low - 7 to 14 inches annually

Surficial Aquifer Recharge Capacity: Moderate - 43 to 56 inches annually

FEMA Flood map designation: The property is within Flood Zone D, which is located outside the special flood hazard area.

Statement for satisfaction of criteria:

The property shows indications that it retains water year round within the southern portion. The site contains many wetland dependant plant species and provides aquifer recharge.

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 on either the Endangered and Threatened Wildlife and Plants 50 CFR 17.11 and 17.12, December 1999 (FWS) or the Florida Department of Agriculture, August 1997 (FDA).

The following listed plant species were observed:

COMMON NAME	SCIENTIFIC NAME	STATUS	
		FDA	FWS
Royal fern	<i>Osmunda regalis</i>	C	Not listed
Leather fern	<i>Acrostichum sp.</i>	E or C (depending on species)	Not listed
Stiff-leaved wild pine	<i>Tillandsia fasciculata</i>	E	Not listed
Reflexed wild pine	<i>Tillandsia balbisiana</i>	T	Not listed

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) (formerly the Florida Game and Freshwater Fish Commission), August 1997 (identified on official lists as GFC).

The following listed species have been observed by the owners of the property:

COMMON NAME	SCIENTIFIC NAME	STATUS	
		GFC	FWS
American alligator	<i>Alligator mississippiensis</i>	SSC	T(S/A)
Big Cypress fox squirrel	<i>Sciurus niger avicennia</i>	T	Not listed
Florida black bear	<i>Ursus americanus floridanus</i>	T	Not listed
Wood stork	<i>Mycteria Americana</i>	E	E

E=Endangered, T=Threatened, SSC=Species of Special Concern, T(S/A)=Threatened/Similarity of Appearance

Bird Rookery observed?

No

FWCC-derived species richness score: Species Richness score is 6 - 7 out of 10 – slightly above average.

Non-listed species observed:

Owners have observed bobcats, woodpeckers, raccoons, otters, armadillos, possum, rabbits, owls, nighthawks, chuck will's widow. Staff observed a raccoon and rabbit.

Potential Listed Species:

The observed habitat and location would support the presence of the following listed species above what have been observed by the owners: Florida panther (*Felis concolor coryi*), and various water birds, which are species of special concern.

Statement for satisfaction of criteria:

The current owners of the property have observed both listed and non-listed wildlife species utilizing this site. The wetlands on site are in very good condition and only an unpaved road separates the access portion of the property from the Corkscrew Swamp Sanctuary.

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 property is nearly adjacent to Corkscrew Swamp Sanctuary. The Sanctuary is approximately 300 feet west of the bulk of the parcel with the access point next to Rookery Lane, which is directly adjacent to the Sanctuary.

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: Hiking would only be feasible on the property during the dry season.

Nature Photography: Nature photography would be a potential use for the site.

Bird-watching: Bird-watching would be a potential use for the site.

Kayaking/Canoeing: N/A

Swimming: N/A

Hunting: N/A

Fishing: N/A

Recommended Site Improvements:

The exotic trees (java plum and Brazilian pepper) within the northern section of the property should be removed. A small parking area and access trail would need to be established within the parcel and perhaps a raised boardwalk within the wetland area.

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 system 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.

Exotic, Invasive Plants Present:

Brazilian pepper (*Schinus terebinthifolius*) and Java plum (*Szygium cumini*)

Exotic Vegetation Removal and Control

The initial cost of exotic removal would be relatively low. Based on cost estimates provided by a contractor who routinely contracts with the County parks and Recreation Department for exotic removal, costs for the level of infestation observed (25%) to treat exotics with herbicide in place or to cut and stack the debris onsite would be \$2,000 per acre. Costs to cut, treat and remove biomass would range from \$2,500-\$3,000 per acre.

Based on the acreage involved, total initial removal costs could range from \$10,000 - \$15,000 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 \$500 to \$2,500 for 5 acres. These costs would likely decrease over time as the soil seed bank is depleted.

Public Parking Facility:

The property would require an area for visitor parking once a trail is fully developed to include access to the cypress head. **The cost of construction of a shell or gravel parking lot to accommodate approximately 10 cars today would be approximately \$15,000.** This value would include

- Land clearing
- Design
- Permitting costs

Public Access Trails:

A simple trail can be constructed using a combination of contract and volunteer labor. A rough trail can be cleared as part of initial exotic removal. Later, a boardwalk could be constructed to extend the trail 250 feet into the wetland areas, ending at an observation deck.

Security and General Maintenance:

It would 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 could be used at boundaries and split rail at the access to separate

the access path from the residential property adjoining. Cost including installation for field fencing is approx. \$3.00 per foot. Split rail is approx. \$10.0 per foot. A sign can be placed at the boundary along Rookery Lane. Minimal management activities, like trash removal and trail maintenance can be accomplished using both contracted and volunteer labor or could involve partnership with Corkscrew Swamp Sanctuary.

Table 2. Summary of Estimated Management Needs and Costs

Management Element	Initial Cost	Annual Recurring Costs	Comments
Exotics Control	\$10,000 - \$15,000	\$500 - \$2,500	Cut, treat, and remove biomass
Parking Facility	\$15,000		Today's costs
Access Trails	\$0	t.b.d.	A trail would be most feasible in the upland area and can be created during exotic removal
Fencing	\$5,700 – Field \$4,730 – Split rail	t.b.d.	Field fencing - \$3.00 per foot Split rail – Approx \$10.00 per foot
Trash Removal	t.b.d.	t.b.d.	Large items to be done one a lump sum contract basis with cost being site specific Small items and routine trash barrel emptying can be done by contract/patnership
Signs	\$100 each	t.b.d.	3' X 1.5' metal on post - uninstalled
Total	\$35,530 - \$40,530	\$500 - \$2,500	Costs do not include construction of a 250 foot boardwalk and observation deck.

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 2004 funding cycle the award limit per recipient, per cycle, was \$6.6 million. The next funding cycle closes in June of 2004. 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 100 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 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.

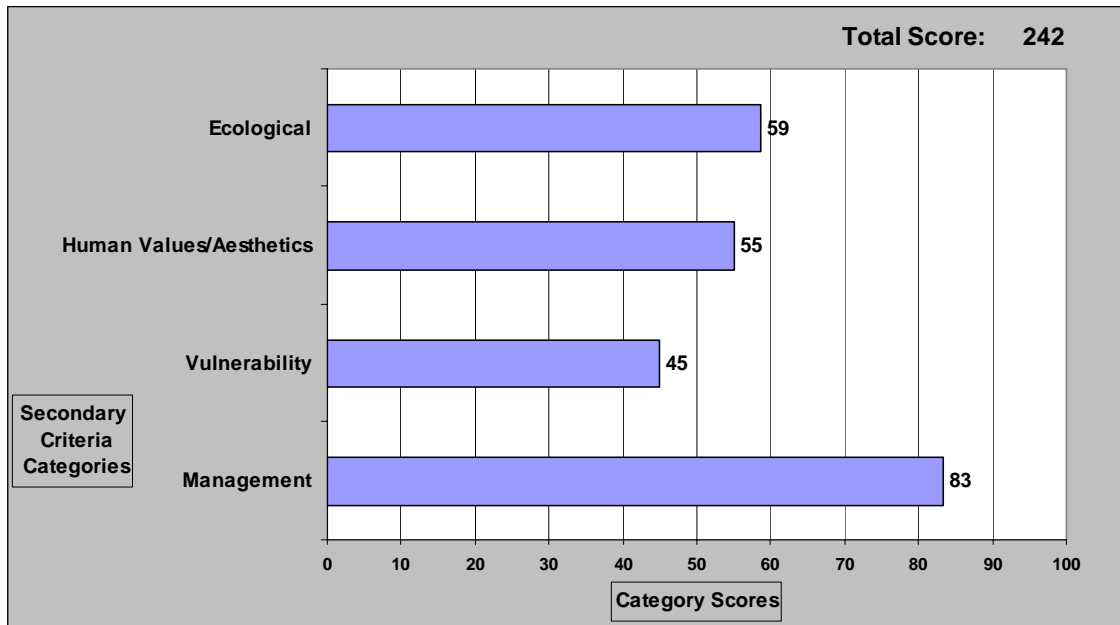
VI. Summary of Secondary Screening Criteria

Staff has scored property on the Secondary Criteria Screening Form and attached the scoring form as Exhibit A. A total score of 242 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	59	59%
Human Values/Aesthetics	100	55	55%
Vulnerability	100	45	45%
Management	100	83	83%
Total Score:	400	242	60%
Percent of Maximum Score:			60%

Figure 4. Secondary Screening Criteria Scoring



Summary of factors contributing to score

Ecological: 59

The parcel scored only slightly above average in this section, points being awarded for aquifer recharge capacity, presence of wetlands and over the entire parcel, and suitability as listed species habitat. The following factors kept the score from being higher: no identified unique and endangered plant communities exist on the property, the site only contains two distinct plant communities, and it does not buffer a water body.

Human Values/Aesthetics: 55

The parcel scored slightly above average in this section as well. It can be accessed by an unpaved road, offers land based natural resource opportunities and contains exceptional mature cypress. Only a very small percentage of the property can be viewed from a public thoroughfare.

Vulnerability: 45

The property is within the Rural Fringe Mixed Use District - Neutral Lands, which will allow for no greater than 1 unit per 5 acres

Management: 83

The parcel scored relatively high in this category. No hydrologic changes would be necessary, only minimal maintenance would be necessary, and Corkscrew Swamp Sanctuary may be willing to partner with management. The score was lowered because exotic plants cover approximately 25% of the property and adjacent lands contain some seed source.

Parcel Size: Approximately 5 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 not closely similar to others being evaluated in the 3rd cycle at this point in time.

Exhibit A. FLUCCs Map

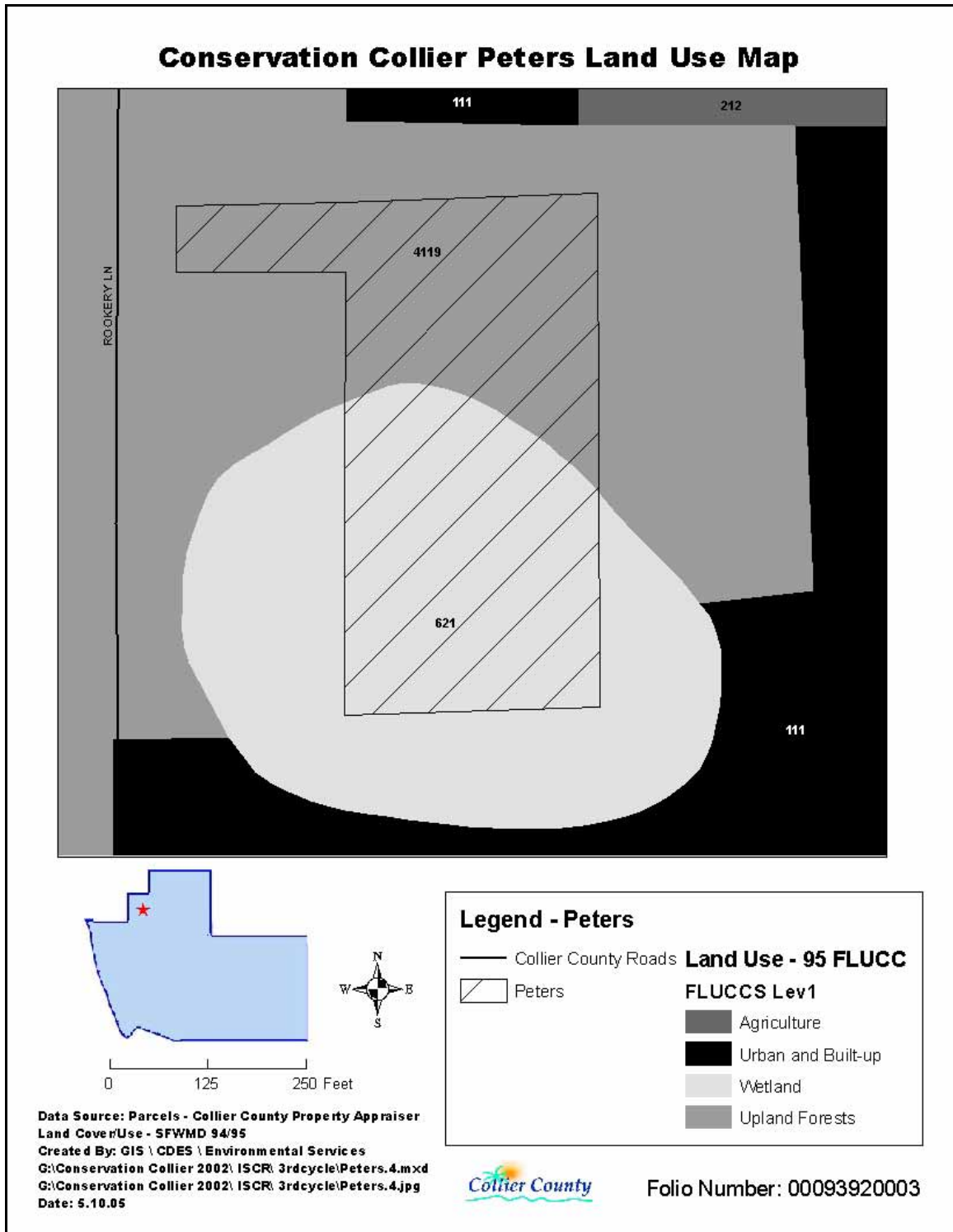


Exhibit B. Soils Map

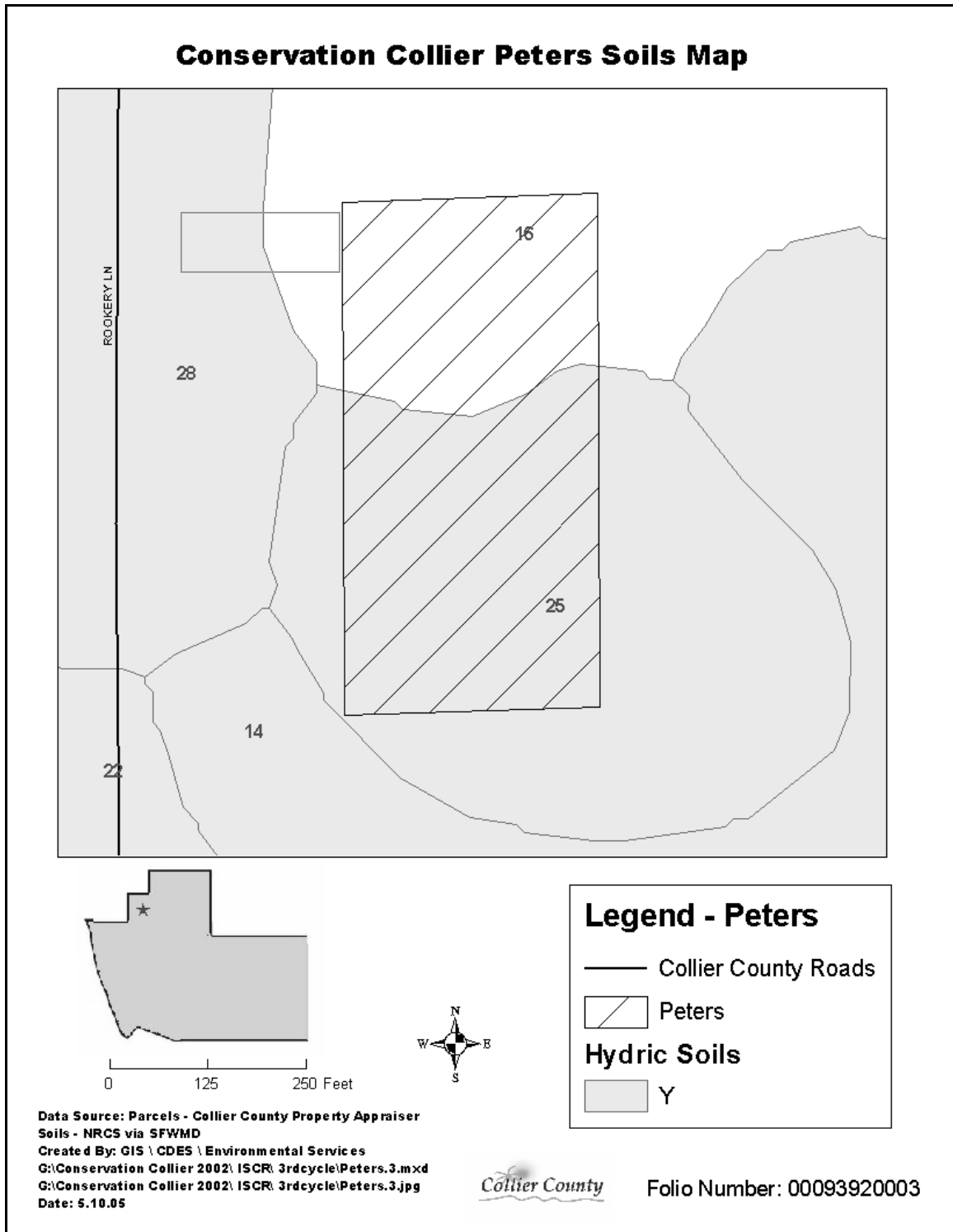


Exhibit C. Species Richness Map

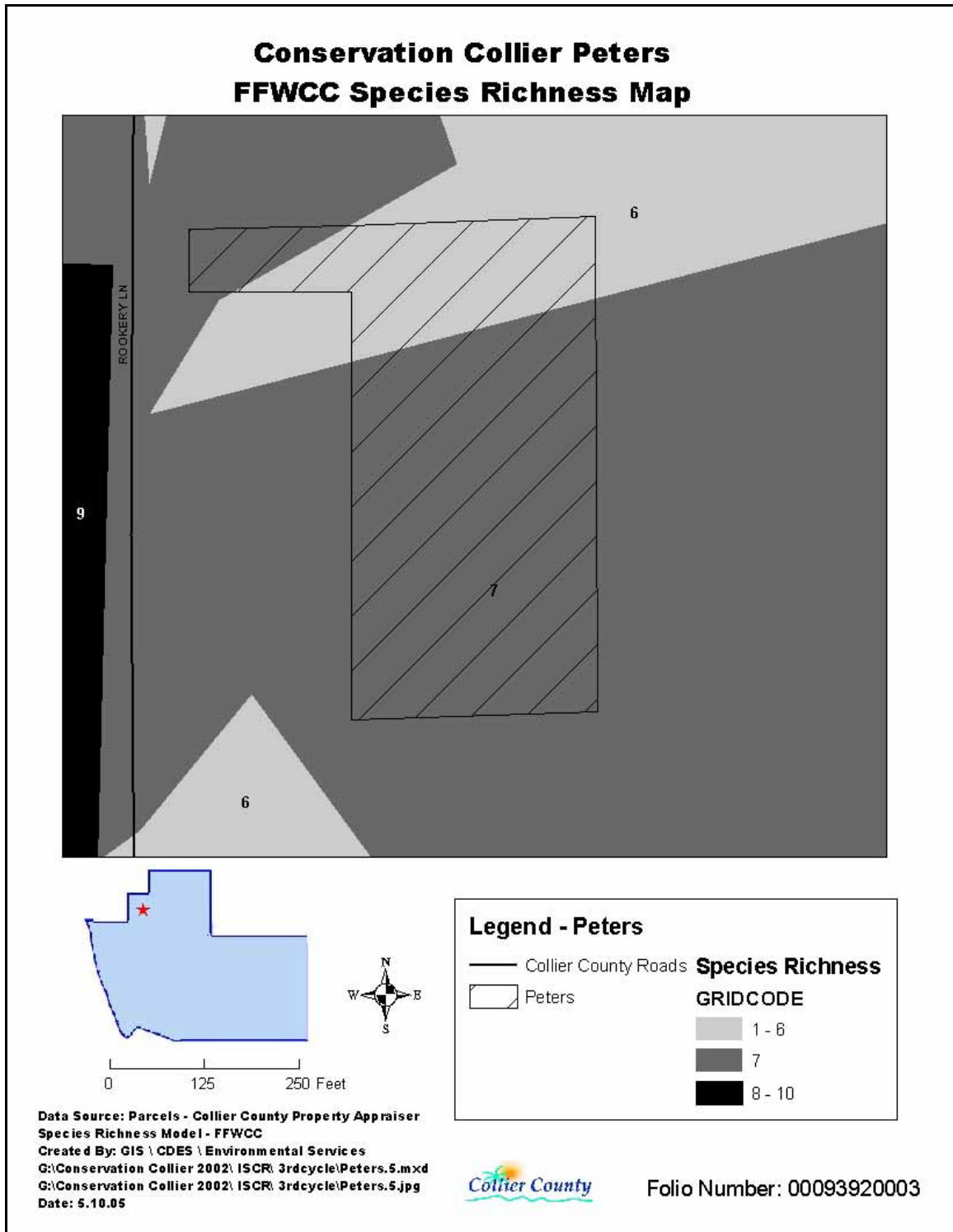
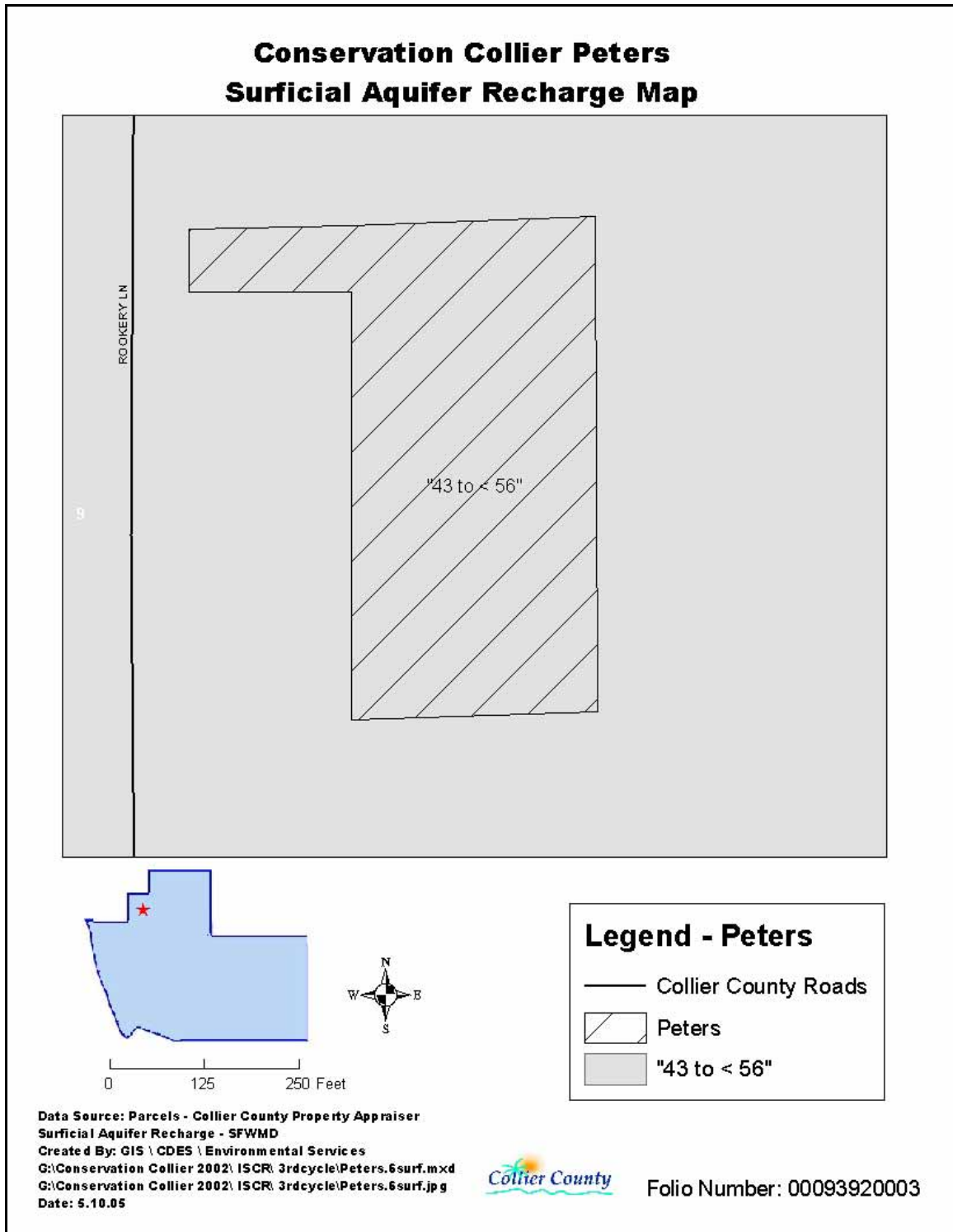
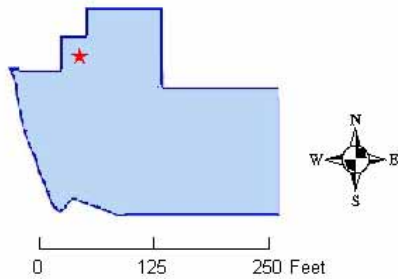
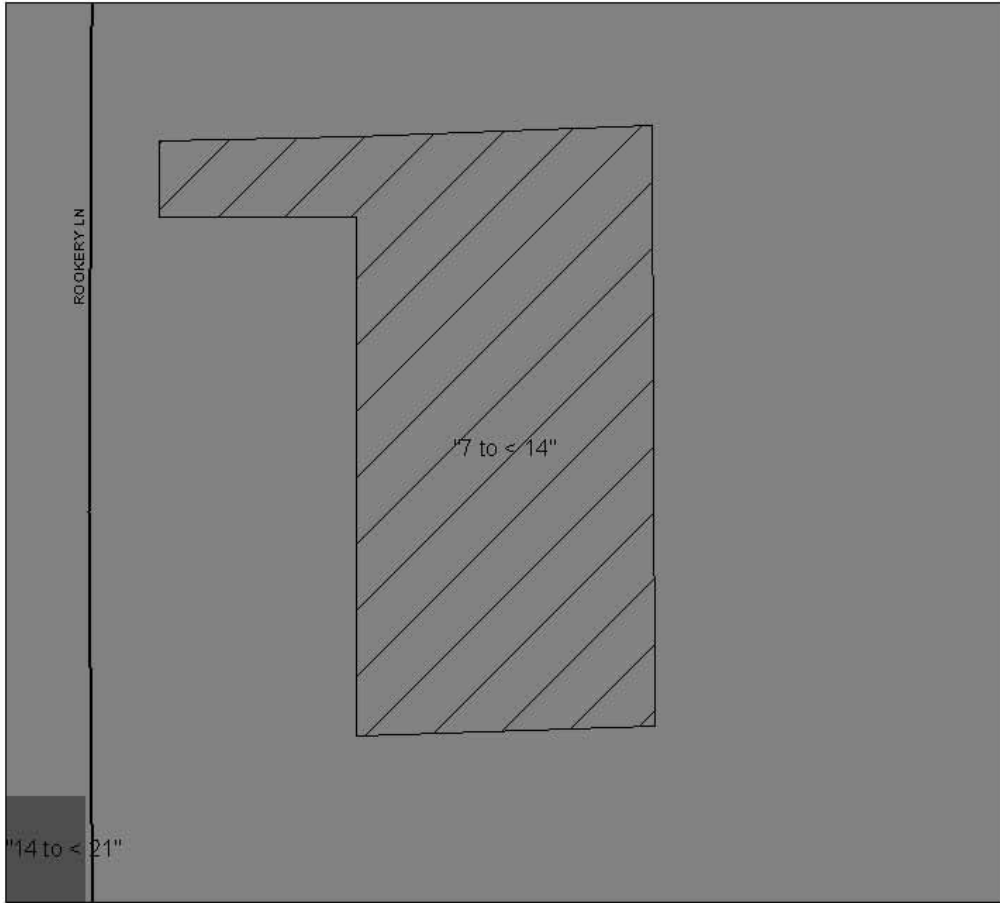


Exhibit D. Wellfield Protection and Aquifer Recharge Maps



Conservation Collier Peters Lower Tamiami Aquifer Recharge Map



Legend - Peters

—	Collier County Roads	Lower Tamiami Recharge	
	Peters	RECHARGE_R	
			"7 to < 14"
			"14 to < 21"
			Wellfields

Data Source: Parcels - Collier County Property Appraiser
 Lower Tamiami Aquifer Recharge - SFWMD Tech Report 327
 Created By: GIS \ CDES \ Environmental Services
 G:\Conservation Collier 2002\ ISCR\ 3rdcycle\Peters.6tam.mxd
 G:\Conservation Collier 2002\ ISCR\ 3rdcycle\Peters.6tam.jpg
 Date: 5.10.05



Folio Number: 00093920003

Exhibit E. Completed and Scored Secondary Criteria Screening Form

Property Name: Peters		Folio Numbers: 93920003	
Geographical Distribution (Target Protection Area): <i>Not in a TPA - Rural Fringe Mixed Use District - Neutral</i>			
1. Confirmation of Initial Screening Criteria (Ecological)			
1.A Unique and Endangered Plant Communities	Possible points	Scored points	Comments
<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	Pine flatwood, Cypress, Willow, freshwater marsh
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	mature cypress, large buttresses
1.A. Total	100	15	
1.B Significance for Water Resources	Possible points	Scored points	Comments
1. Aquifer Recharge (Select the Highest Score)			
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	surface- 43 to 56" - tamiami- 7 to 14" annually
c. Parcel would contribute minimally to aquifer recharge	25		
location	0		
2. Surface Water Quality (Select the Highest Score)			
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		
d. Wetlands exist on site	25	25	Cypress and WillowHeads and Maidencane marsh
e. Acquisition of parcel will not provide opportunities for surface water quality enhancement	0		
3. Strategic to Floodplain Management (Calculate for a and b; score c if applicable)			
a. Depressional soils	80	48	(Prorate site based on area of Slough or Depressional Soils) 60% Boca, Riviera, Limestone sub & copeland fs (25-depressional); 40% Oldsmar (16)
b. Slough Soils	40		
c. Parcel has known history of flooding and is likely to provide onsite water attenuation	20	20	observed cypress knees, watermarks & buttressing
Subtotal	300	143	
1.B Total	100	48	<i>Obtained by dividing the subtotal by 3.</i>
1.C Resource Ecological/Biological Value	Possible points	Scored points	Comments
1. Biodiversity (Select the Highest Score for a, b and c)			
a. The parcel has 5 or more FLUCCS native plant communities	100		
b. The parcel has 3 or 4 FLUCCS native plant communities	75	75	411(Pine Flatwood); 621 (Cypress); 618 (Willow & Elderberry); 641(Freshwater marsh)
c. The parcel has 2 or less FLUCCS native plant communities	50		
d. The parcel has 1 FLUCCS code native plant communities	25		
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.</i>
b. Listed wildlife species have been documented on the parcel by w	70	70	<i>Provide documentation source - Alligator and big Cypress Fox squirrels observed by owners</i>
c. Species Richness score ranging from 10 to 70	70		<i>Score is prorated from 10 to 70 based on the FFWCC Species Richness map - Species Richness score is 6 - 7 out of 10</i>
d. Rookery found on the parcel	10		
e. Listed plant species observed on parcel - add additional 20 point	20	20	Royal fern (<i>Osmunda regalis</i>), leather fern (<i>Acrostichum sp.</i>), and 2 Tillandsia species (<i>balbisiiana</i> and <i>fasciculata</i>)

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

3. Restoration Potential			
a. Parcel can be restored to high ecological function with minimal alteration	100		
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	50	Pine flatwood area was cleared in 1986 and there are swales cut in the ground. It does not appear critical to restore topography, though a site visit in wet season to see how swales are functioning would help to better determine this. The pine area has significant exotics - Brazilian pepper and Java plum
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		<i>explain limiting conditions</i>
Subtotal	300	215	
1.C Total	100	72	<i>Divide the subtotal by 3</i>
1.D Protection and Enhancement of Current Conservation Lands	Possible points	Scored points	Comments
1. Proximity and Connectivity			
a. Property immediately contiguous with conservation land or conservation easement.	100	100	across unpaved road from Corkscrew Swamp Sanctuary
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		
d. If not contiguous and developed, add 20 points if an intact ecological link exists between the parcel and nearest conservation land	20		
1.D Total	100	100	
1. Ecological Total Score	100	59	<i>Sum of 1A, 1B, 1C, 1D then divided by 4</i>
2. Human Values/Aesthetics			
2.A Human Social Values/Aesthetics	Possible points	Scored points	Comments
1. Access (Select the Highest Score)			
a. Parcel has access from a paved road	100		
b. Parcel has access from an unpaved road	75	75	Rookery Lane
c. Parcel has seasonal access only or unimproved access easement	50		
d. Parcel does not have physical or known legal access	0		
2. Recreational Potential (Select the Highest Score)			
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	hiking in dry season only
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		
3. Enhancement of Aesthetic Setting			
a. Percent of perimeter that can be seen by public. Score based on percentage of frontage of parcel on public thoroughfare	80	5	<i>Score between 0 and 80 based on the percentage of the parcel perimeter that can be seen by the public from a public thoroughfare.</i>
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	10	<i>Provide a description and photo documentation of the outstanding characteristic. Mature Cypress</i>
Subtotal	300	165	
2. Human Social Values/Aesthetics Total Score	100	55	<i>Obtained by dividing the subtotal by 3.</i>

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

3. Vulnerability to Development/Destruction			
3.A Zoning/Land Use Designation	Possible points	Scored points	Comments
1. Zoning allows for Single Family, Multifamily, industrial or commercial	50		
2. Zoning allows for density of no greater than 1 unit per 5 acres	45	45	In RFMUD - Neutral lands - 1 unit per 5 acres
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		
3. Vulnerability Total Score	100	45	
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	There are swales but it does not seem necessary to regrade to sustain site qualities
2. Minimal hydrologic changes are required to restore function, such as 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		
5.A Total	100	100	
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		
c. Exotic plants constitute between 25% and 50% of plant cover	60	60	Exotics cover about 25%, clustered in the pine flatwood
d. Exotic plants constitute between 50% and 75% of plant cover	40		
e. Exotic plants constitute more than 75% of plant cover	20		
f. Significant maintenance effort and management will be needed (e.g., heavy infestation by air potato or downy rosemytle)	-20		
g. Adjacent lands contain substantial seed source and exotic removal is not presently required	-20	-10	some seed source
5.B Total	100	50	
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	minimal maintenance needs after exotic removal in pine flatwood area
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	20	Corkscrew Swamp Sanctuary may be willing to partner for management (per Ed Carlson)
5. Subtract 10 points if chronic dumping or trespass issues exist	-10		
5.C Total	100	100	
4. Feasibility and Management Total Score	100	83	<i>Sum of 5A, 5B, 5C, then divided by 3</i>
Total Score	400	242	
TDR Bonus	0		No TDRs associated with this property

Exhibit F. Photographs

Photo 1. Edge of Cypress and upland area



Photo 2. Pine flatwood



Photo 3. Cypress knees and high water marks within cypress community.



Photo 4. Freshwater marsh, willow head with cypress in background



Photo 5. Edge of willow head



Photo 6. Buttressing, high water marks and wetland plants



Photo 7. Royal fern (*Osmunda regalis*)



Photo 8. High water marks and buttressing on cypress.

