

Conservation Collier Initial Criteria Screening Report



Property Name: Anderson
Folio Number: 00097120003 and 00099240004

Staff Report Date: October 10, 2005

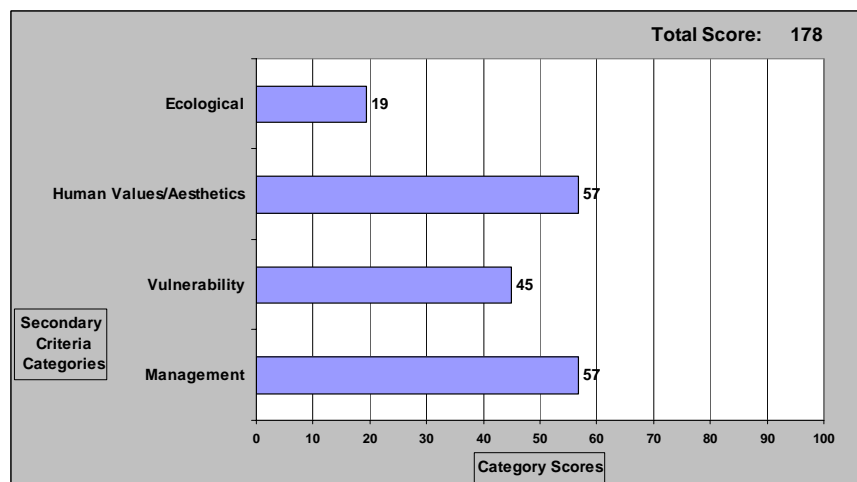


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I. Summary of Property Information

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	Robert A. and Nancy J. Anderson	n/a
Folio Number	00097120003 ; 00099240004	n/a
Target Protection Area	Not within a TPA	RFMUD Neutral Lands
Size	10 acres	Two 5-acre parcels
STR	S23, T47S, R27E	n/a
Zoning Category/TDRs	A-MHO – RFMUD-Neutral	Agriculture (A) with Mobile Home Overlay (MHO) Rural Fringe Mixed Use District (RFMUD) 1 unit per 5 acres – No TDRs associated (Neutral)
FEMA Flood Map Category	Zone D	Area located outside special flood hazard area
Existing structures	None	n/a
Adjoining properties and their Uses	Roadway; Residential; Undeveloped land zoned Agricultural	W and S – rural residential, zoned agricultural - MHO; large bird aviary on adjacent property to the west E and N – Roadway with undeveloped land, zoned Agricultural on the other side of the road. Purple Martin Dr. is to the North. Sanctuary Rd. is to the East.
Development Plans Submitted	None	No permits or petitions exist in the County computer system
Known Property Irregularities	Ditches along roads and bisecting property	Road ditches are likely drainage swales and internal bisecting ditch related to old Ag use. A small berm runs along the west side of the bisecting ditch.
Other County Department Interest	Transportation, Utilities, Parks and Recreation, Greenways	The Utilities Department has interest in this parcel for a well site

Figure 1. Location Map

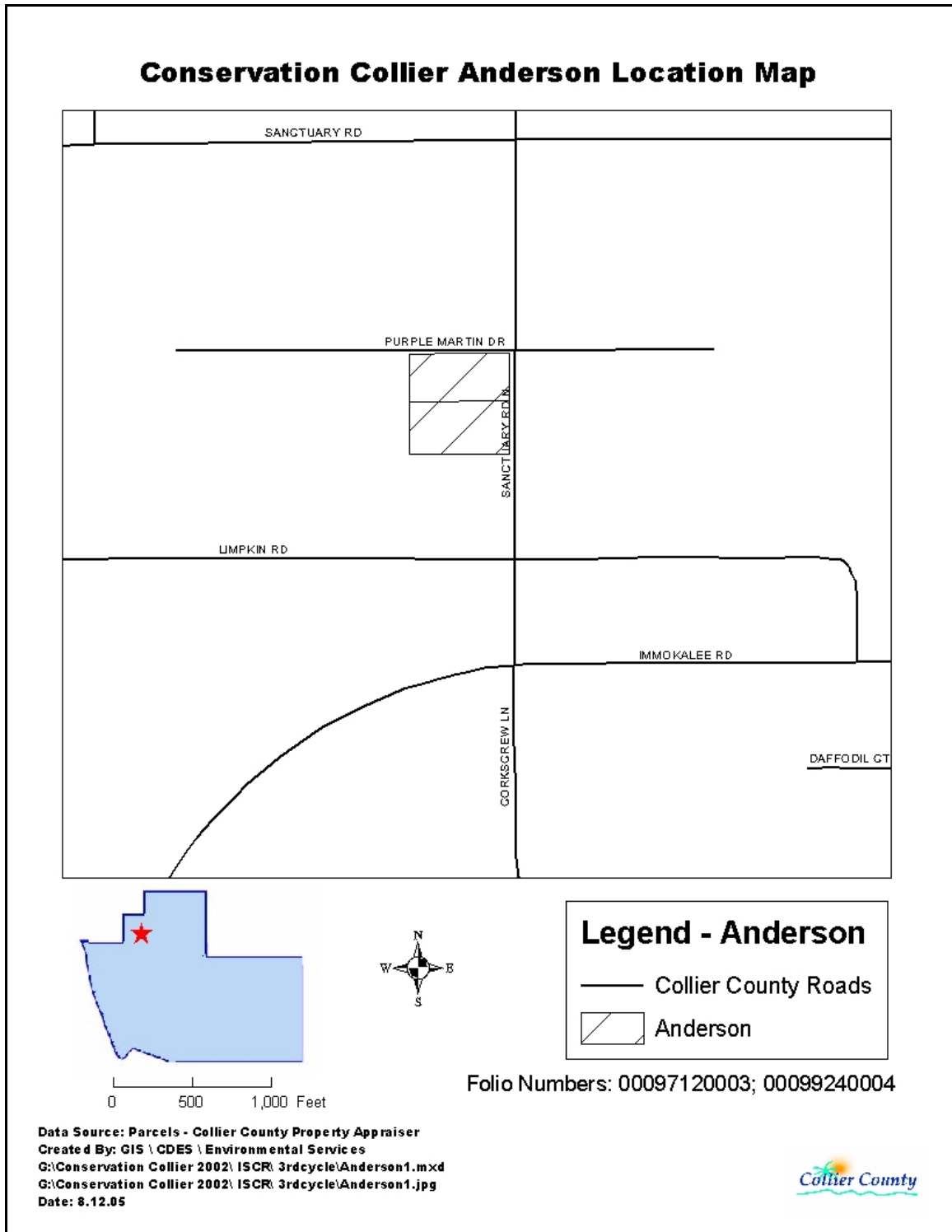


Figure 2. Aerial Map

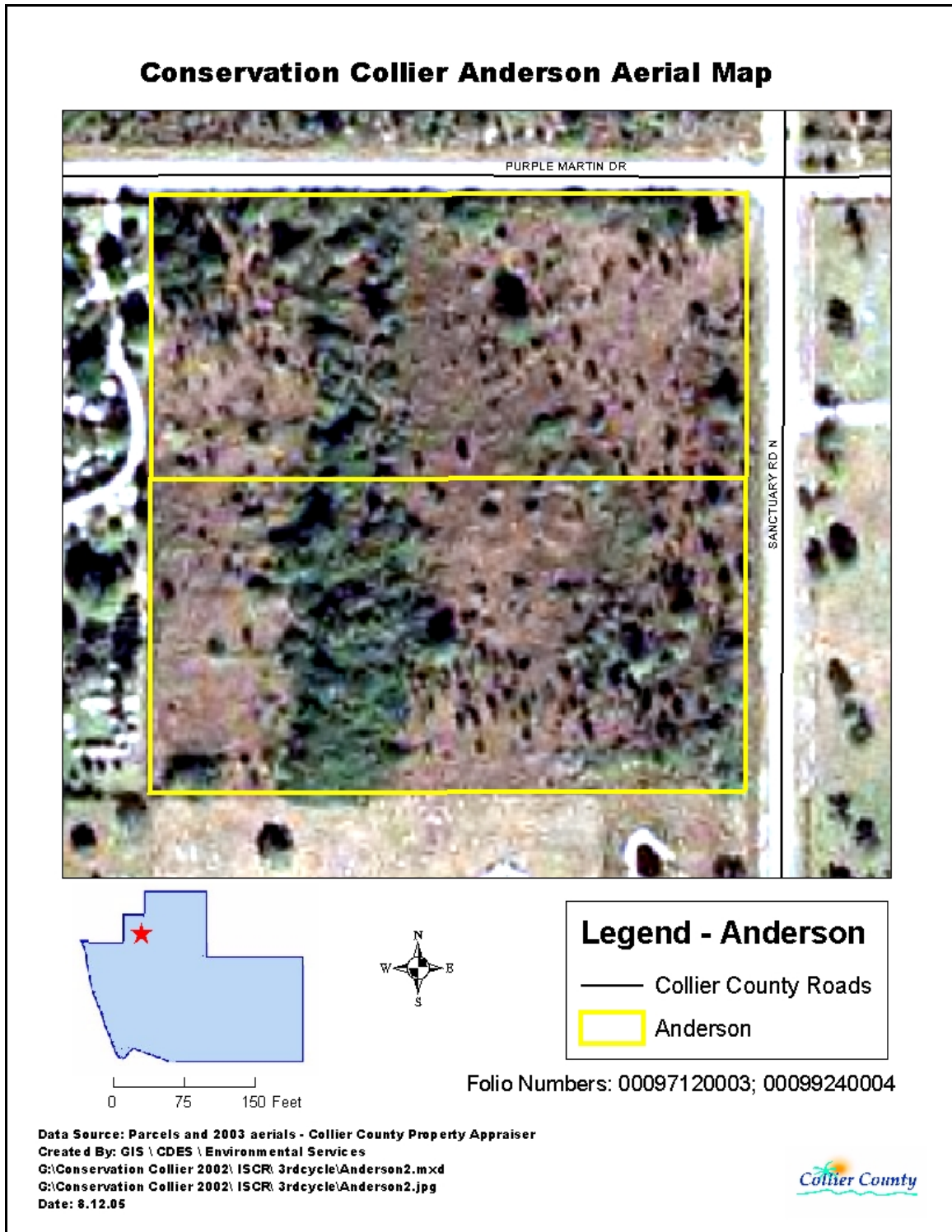
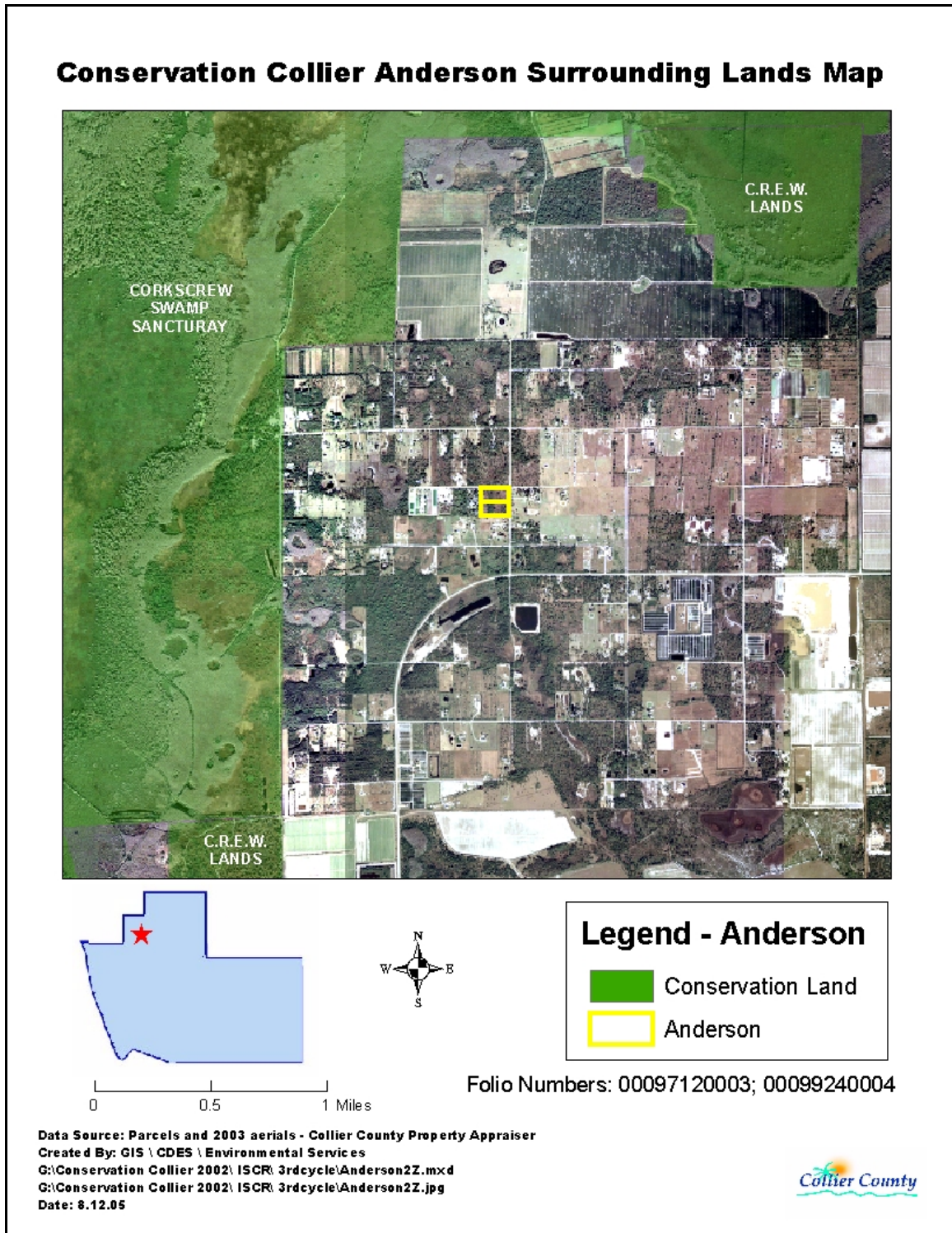


Figure 3. Surrounding Lands Aerial



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: * 00099240004 - \$64,800
00097120003 - \$71,550
Total \$136,350

Estimated Market Value: ** \$191,000 There are no TDRs associated with these parcels.

* 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 September 2, 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 211 – Improved pasture

The following native plant communities were observed:

- FLUCCS 411 – Pine flatwood

Although the property was cleared prior to 1986, native vegetation has recruited to the site. An old ditch running through the property contains both native and exotic vegetation, which cannot be categorized into a native plant community.

Characterization of Plant Communities present:

Pine Flatwood

Ground Cover: redroot (*Lachnanthes caroliniana*), bushy broom grass (*Andropogon glomeratus*), blackroot (*Pterocaulon pchnostachium*), dog fennel (*Eupatorium capillifolium*), muscadine grape (*Vitis munsoniana*), marsh fleabane (*pluchia rosea*), pepper vine (*Ampelopsis arborea*), beakrush (*Rhynchospora* spp.), forbs/grasses

Midstory: saw palmetto (*Serenoa repens*), wax myrtle (*Myrica cerifera*), rusty lyonia (*Lyonia ferruginea*)

Canopy: slash pine (*Pinus elliottii*), occasional laurel oak (*Quercus laurifolia*)

Old ditch

Ground Cover: smartweed (*Polygonium densiflorum*), swamp fern (*Blechnum serrulatum*)

Midstory: Brazilian pepper (*Schinus terebinthifolius*), primrose willow (*Ludwigia* spp.), willow (*Salix caroliniana*), red maple (*Acer rubrum*)

Canopy: melaleuca (*Melaleuca quinquenervia*), java plum (*Syzygium cumini*), occasional laurel oak (*Quercus laurifolia*), occasional cabbage palm (*Sabal palmetto*)

Statement for satisfaction of criteria:

These data indicate that an intact native plant community exists on the parcel, even though it is regrowth from a previous clearing.

-
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:

The parcel is not within a target protection area, but it is visible and accessible by a paved public road – Sanctuary Dr. The site does not offer many recreational opportunities to the public. It could be accessed and walked on, but the thick vegetation in the old ditch makes accessing the entire property difficult.

-
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, marginally**

General Hydrologic Characteristics observed and description of adjacent upland /wetland buffers: Most of the property was dry and consisted of upland or facultative vegetation. Relatively large amounts of dog fennel (*Eupatorium capillifolium*) were present, indicating past disturbance to the site. The ditch running the length of the property contains obligate and facultative wetland plants. The northern part of the ditch did not contain any standing water. Surrounding lands are disturbed uplands.

Wetland dependent plant species (OBL/ FACW) observed:

OBL	FACW
Primrose willow (<i>Ludwigia</i> spp.) exotic	Bushy broom grass (<i>Andropogon glomeratus</i>)
willow (<i>Salix caroliniana</i>)	Marsh fleabane (<i>pluchia rosea</i>)
	Laurel oak (<i>Quercus laurifolia</i>)
	red maple (<i>Acer rubrum</i>)

Wetland dependent wildlife species observed: None

Other Hydrologic indicators observed: None

Soils: Soils data is based on the Soil Survey of Collier County Area, Florida (USDA/NRCS, 1990). Mapped soil on this parcel was identified as Immokalee fine sand (7), which is a non-hydric soil. Vegetation normally associated with this soil includes: slash pine, saw palmetto, wax myrtle, chalky bluestem, creeping bluestem and pineland threawn. The existing vegetation appears to have recruited to the area since it was cleared. The ditch vegetation does not fit with expected vegetation for this soil type. This soil normally will remain wet during the wet season and become very dry during the dry season.

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: Zone D – Area located outside special flood hazard area

Statement for satisfaction of criteria:

Although the site contributes to aquifer recharge and contains some wetland plants, it does not contain wetlands. No standing water was observed during the site visit; however, it is reasonable to assume due to the wetland vegetation that is present that the property floods and the ditch holds water during extreme rain events.

-
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)

No

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).

No listed plant species were observed.

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).

No listed wildlife species were observed on site.

Bird Rookery observed? No

FWCC-derived species richness score: The score was low, ranging from 2-3 out of 10.

Non-listed species observed: None

Potential Listed Species: Listed wading birds may utilize the southern portion of the ditch that contains a relatively large amount of willow.

Statement for satisfaction of criteria:

The property has been disturbed in the past, and although native vegetation has recruited, it appears to provide little habitat for listed species. Large amounts of exotic vegetation exist within the ditch, and the ditch would need to be filled in order to restore the site.

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, marginally

Statement for satisfaction of criteria:

Although some adjacent properties are partially cleared and developed, there is an intact ecological link between these parcels and Corkscrew Swamp 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:

A walking trail could be created but there would have to be clearing through the thick vegetation in the ditch.

Nature Photography:

The fields of redroot (*Lachnanthes caroliniana*) and butterflies offer nature photography opportunities.

Bird-watching:

Bird-watching opportunities are limited at the site.

Kayaking/Canoeing:

N/A

Swimming:

N/A

Hunting:

N/A

Fishing:

N/A

Recommended Site Improvements:

Removal of invasive exotic vegetation and grading of the ditch are the main site improvements necessary on the property. Vegetation would need to be cleared to create a trail, a small parking area would need to be created, signs would need to be posted and fencing would need to be installed on the southern boundary.

IV. Assessment of Management Needs and Costs

Management of this property will address the costs of exotic vegetation removal and control, trail system and parking lot construction and fencing and sign installation. 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*), java plum (*Szygium cumini*), melaleuca (*Melaleuca quinquenervia*), Ceasar Weed (*Urena lobata*)

Exotic Vegetation Removal and Control

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 (25-35%) 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 \$20,000 - \$30,000 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 \$1,000 to \$4,500 for 10 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 preparation
- Design
- Permitting costs

Public Access Trails:

A rough trail could be created after initial exotic vegetation removal. A trail with a handicapped accessible portion could be constructed after obtaining a native vegetation removal permit (if necessary).

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. Cost including installation for field fencing is approx. \$3.00 per foot. A gate is approximately \$250.

Table 2. Summary of Estimated Management Needs and Costs

Management Element	Initial Cost	Annual Recurring Costs	Comments
Exotics Control	\$30,000	\$4,500	Cut, treat, and remove biomass
Parking Facility	\$15,000		Today's costs. May be more expensive because of ditch access issues
Access Trails ADA trail section	\$10,000 \$16,500	t.b.d.	Trail section estimated at 1,800 feet in length @ \$5.50 per foot. ADA trail section approx. 500 feet @ \$33 (estimated) per foot.
Fencing	\$5,950	t.b.d.	Field fencing - \$3.00 per foot X 1,900 feet + 1 gate at \$250
Trash Removal	t.b.d.	t.b.d.	Large items to be done on a lump sum contract basis with cost being site specific Small items and routine trash barrel emptying can be done by contract/partnership
Entry Sign (1) Boundary signs (3)	\$400 \$75	t.b.d.	Entry sign (1) - under 36 sq. feet - uninstalled - \$400 each Boundary signs (3) – uninstalled includes post - \$25 each
Kiosk	\$14,000	t.b.d.	Based on 2004 Palm Beach County actual costs
Rest room under 500 sq. feet	\$100,000	t.b.d.	Estimate – includes septic, water, electricity and well.
Picnic table, 2 benches, 2 garbage cans	\$3,000	t.b.d.	Recycled plastic, uninstalled
Total	\$194,925+	\$4,500+	

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 June 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 85 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

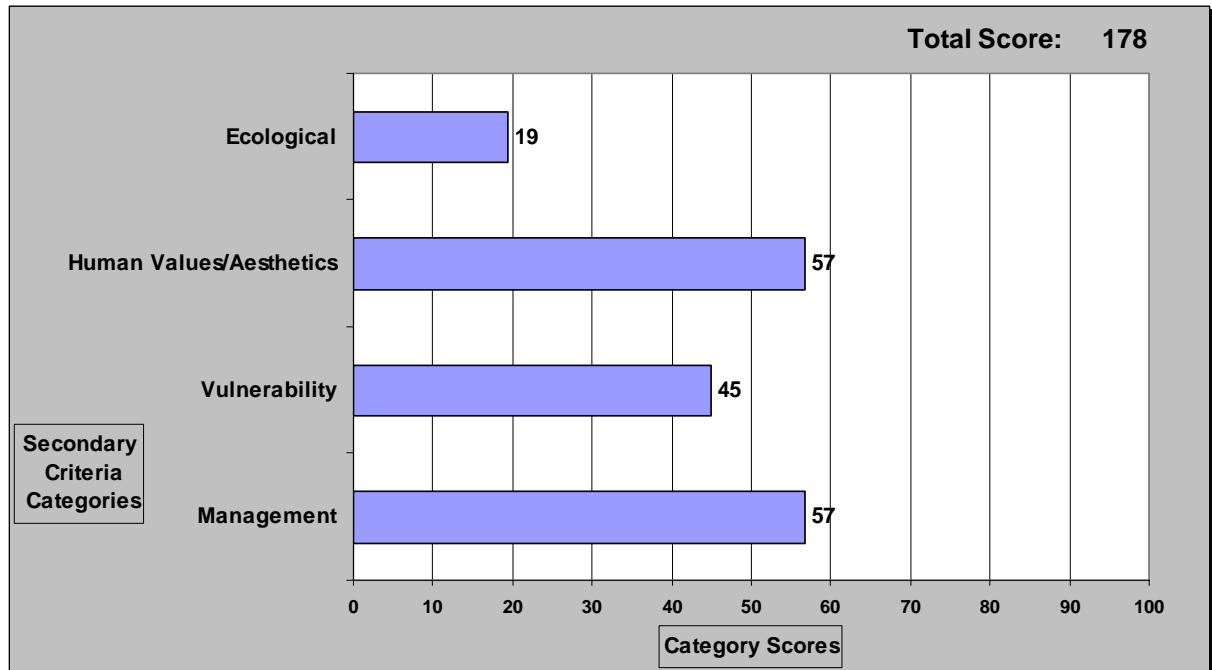
Staff has scored property on the Secondary Criteria Screening Form and attached the scoring form as Exhibit A. A total score of 178 out of a possible 400 was achieved. The chart and graph below show a breakdown of the specific components of the score.

Table 3. Tabulation of Secondary Screening Criteria

Secondary Screening Criteria	Possible Points	Scored Points	Percent of Possible Score
Ecological	100	19	19%
Human Values/Aesthetics	100	57	57%
Vulnerability	100	45	45%
Management	100	57	57%
Total Score:	400	178	44%

Percent of Maximum Score: 44%

Figure 4. Secondary Screening Criteria Scoring



Summary of factors contributing to score

Total Score: 178 out of a possible 400

Ecological (19):

The parcel scored low in this category because it contains only one type of vegetative community, which is not rare or endangered, it contributes moderately to water quality enhancement, it has a low species richness score and it requires moderate ecological restoration. An intact ecological link does exist between this parcel and Corkscrew Swamp Sanctuary.

Human Values/Aesthetics (57):

This score reflects the fact that this parcel is accessible by a public, paved road (Sanctuary Rd.), and a portion of it is visible from this road. An unpaved private road also borders the property (Purple Martin Dr.). Although it is accessible, natural resource based recreation opportunities would be limited due to the ditches and the dense vegetation associated with the bisecting ditch.

Vulnerability (45):

Vulnerability is moderate due to the limited ability to place one single family home on this property. No permits have been obtained for development of this property.

Management (57):

The parcel requires hydrological changes, moderate exotic vegetation management and alternatives to prescribed fire to manage the pine flatwoods because of neighboring development.

Parcel Size: Approximately 10 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 the Brochu parcel (same size) and the Narsiff-1 (smaller) and Wojtys/Snow parcels (larger).

Exhibit A. FLUCCs Map

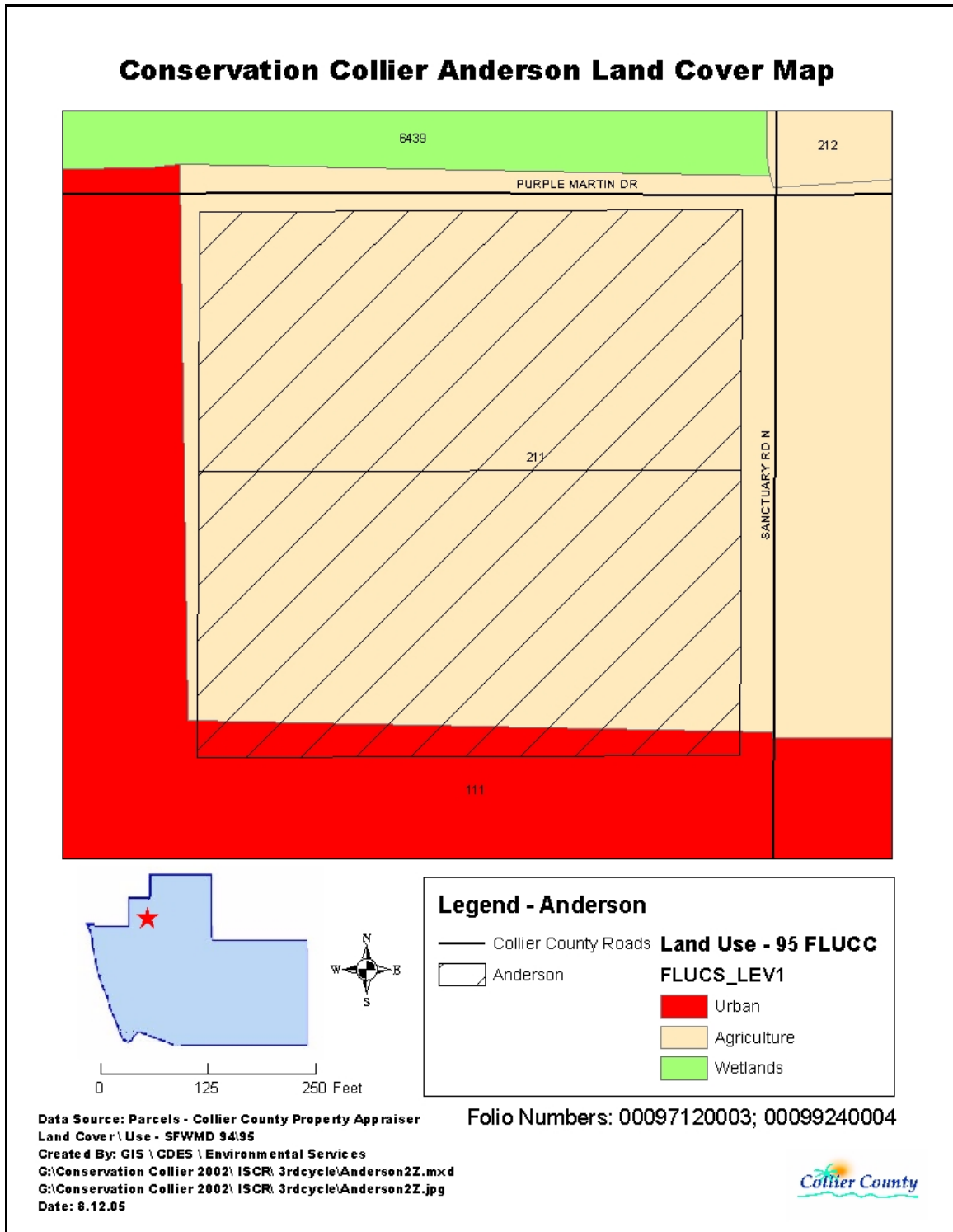


Exhibit B. Soils Map

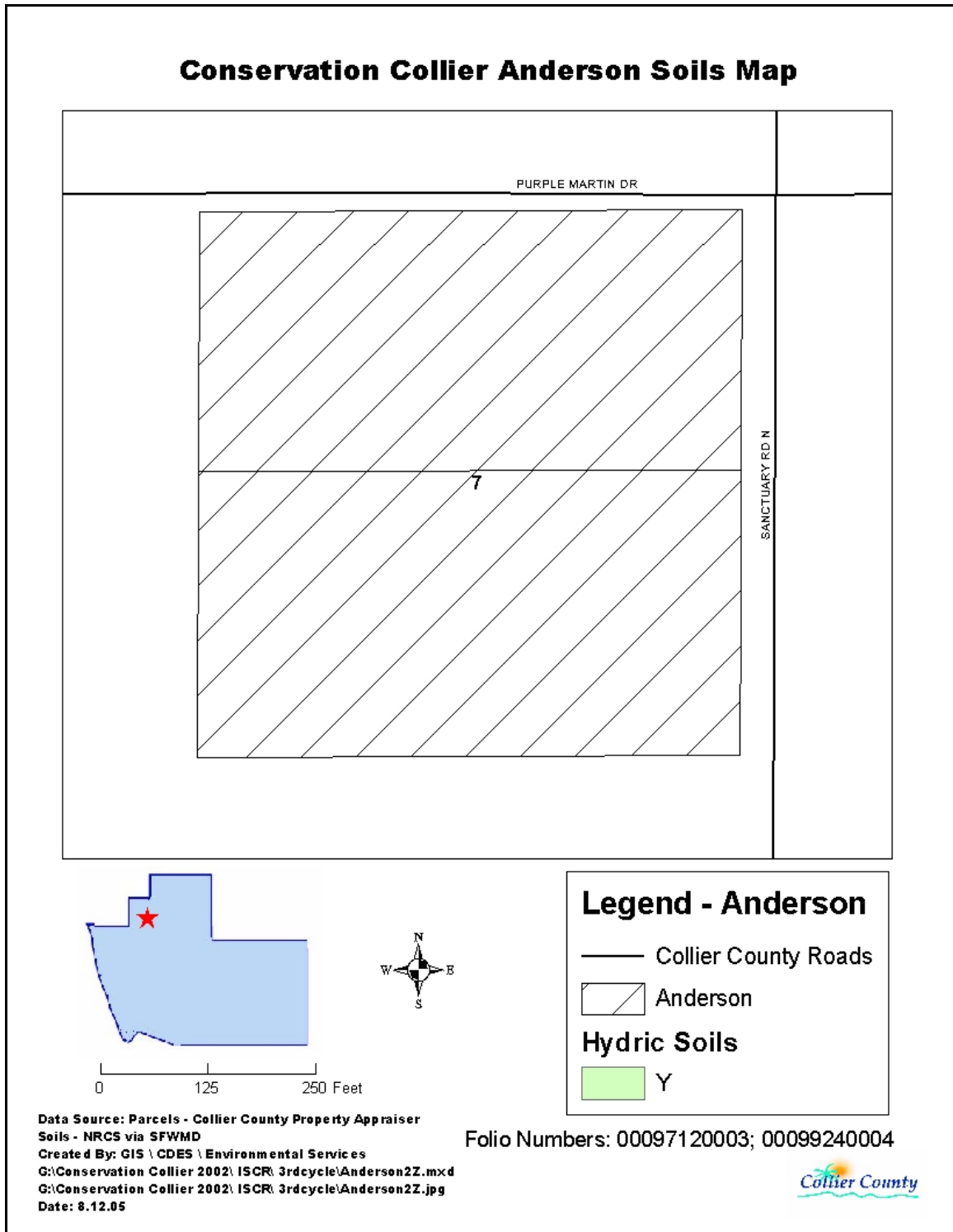
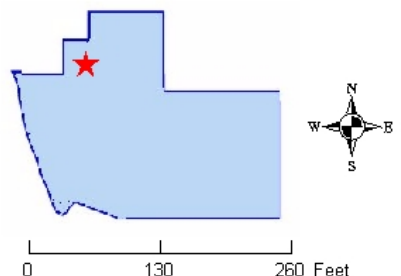
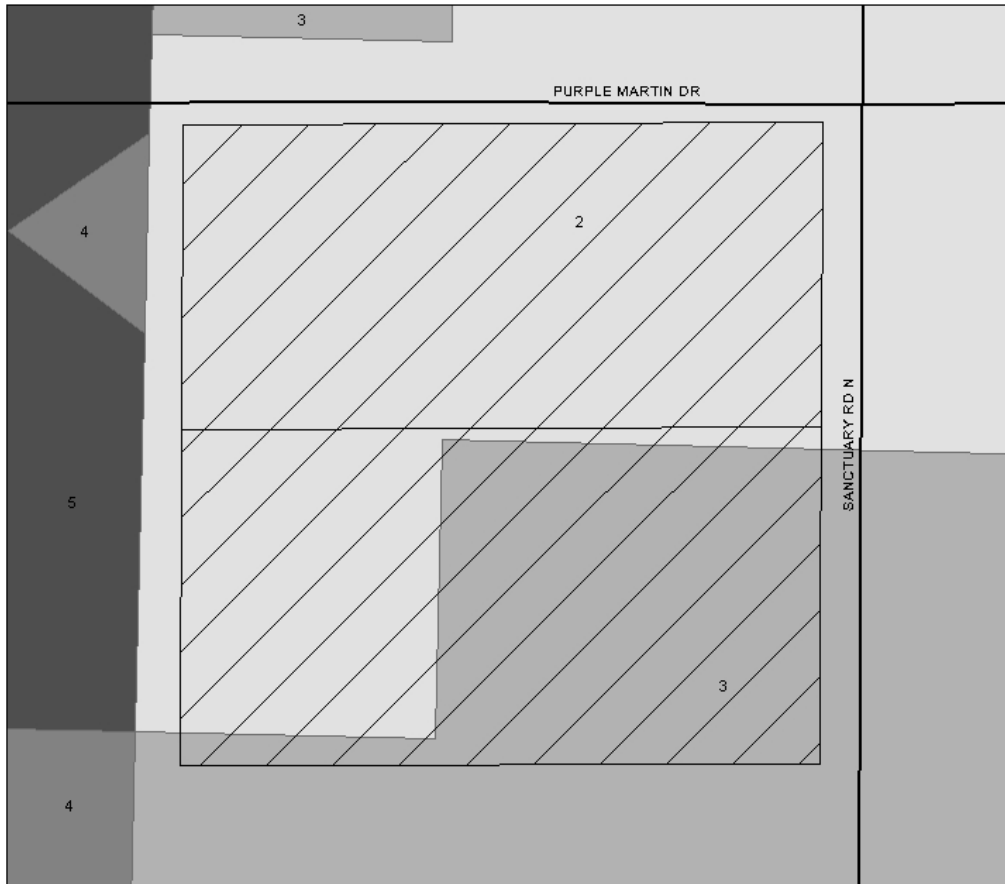


Exhibit C. Species Richness Map

Conservation Collier Anderson FFWCC Species Richness Model



Legend - Anderson

— Collier County Roads
 [Hatched Box] Anderson

Species Richness GRIDCODE

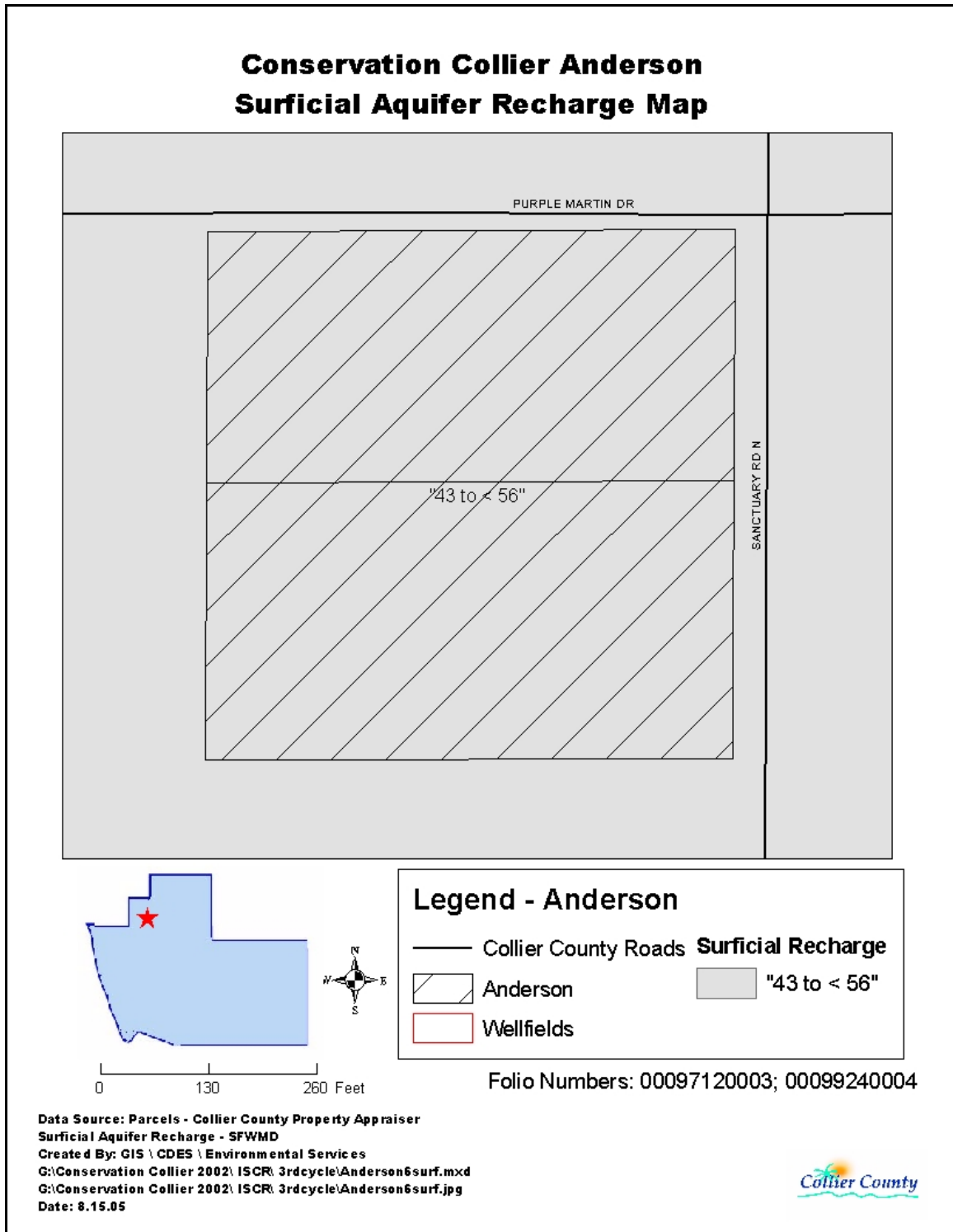
[Light Gray Box]	2
[Medium Gray Box]	3
[Dark Gray Box]	4
[Black Box]	5

Data Source: Parcels - Collier County Property Appraiser
 Species Richness - FFWCC
 Created By: GIS \ CDES \ Environmental Services
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 Date: 8.12.05

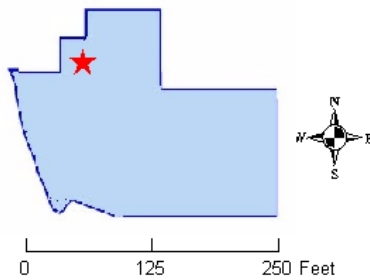
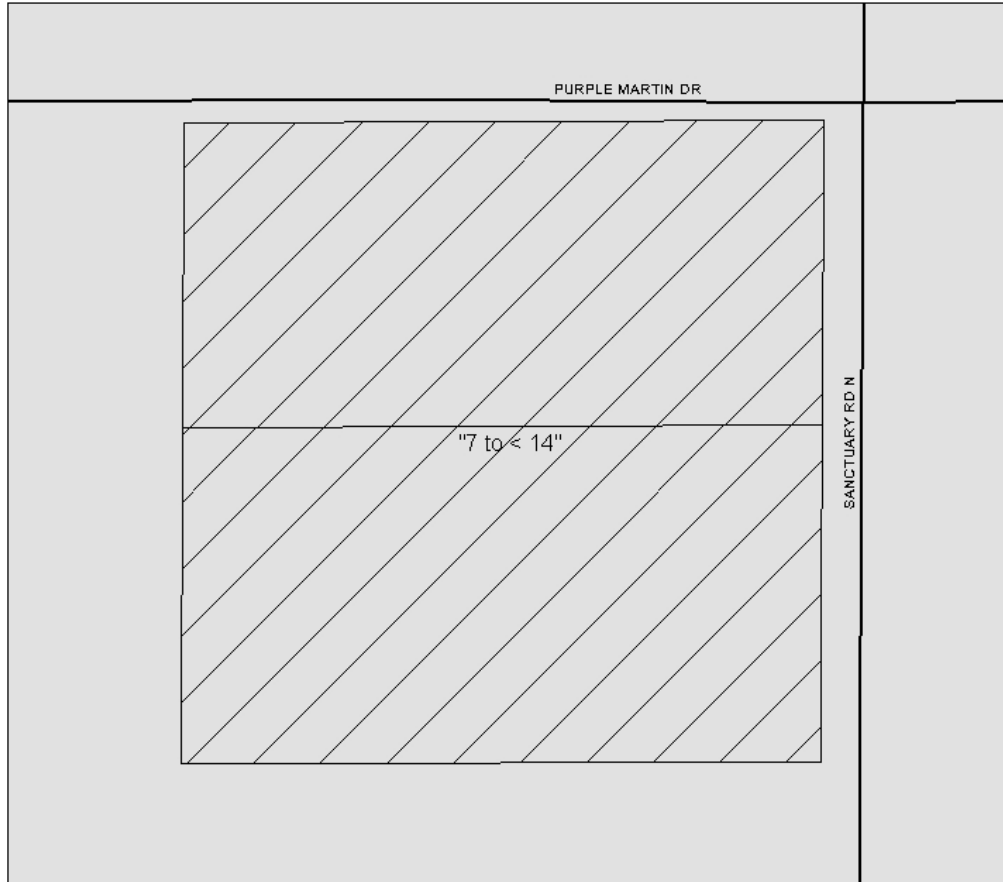
Folio Numbers: 00097120003; 00099240004



Exhibit D. Wellfield Protection and Aquifer Recharge Maps



Conservation Collier Anderson Lower Tamiami Aquifer Recharge Map



Legend - Anderson

—	Collier County Roads	Lower Tamiami Recharge	
	Anderson		"7 to < 14"
	Wellfields		

Folio Numbers: 00097120003; 00099240004

Data Source: Parcels - Collier County Property Appraiser
Lower Tamiami Aquifer Recharge - SFWMD Tech. Report 327
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Date: 8.15.05



Exhibit E. Completed and Scored Secondary Criteria Screening Form

Property Name: Anderson		Folio Numbers: 00097120003 and 00099240004	
Geographical Distribution (Target Protection Area): N/A - in RFMUD Neutral lands			
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	411 - Pine flatwood
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		
1.A. Total	100	10	
1.B Significance for Water Resources	Possible points	Scored points	Comments
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	Lower Tamiami recharge minimal - 7-14" annually; Surficial recharge moderate -43 -56" annually
c. Parcel would contribute minimally to aquifer recharge	25		
d. Parcel will not contribute to aquifer recharge	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		
d. Wetlands exist on site	25		
e. Acquisition of parcel will not provide opportunities for surface water quality enhancement	0		While there were wetland plants on site, and a marshy area near ditch in the center, the soils are 100% upland soils.
3. Strategic to Floodplain Management (<i>Calculate for a and b; score c if applicable</i>)			
a. Depressional soils	80	0	(Prorate site based on area of Slough or Depressional Soils)
b. Slough Soils	40	0	
c. Parcel has known history of flooding and is likely to provide onsite water attenuation	20	0	
Subtotal	300	50	
1.B Total	100	17	Obtained by dividing the subtotal by 3.
1.C Resource Ecological/Biological Value	Possible points	Scored points	Comments
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	411- Pine flatwood; small strip of willow - old farm ditch?
2. Listed species			
a. Listed wildlife species are observed on the parcel	80		If a. or b. are scored, then c. Species Richness is not scored.
b. Listed wildlife species have been documented on the parcel by w	70		Provide documentation source -
c. Species Richness score ranging from 10 to 70	70	17	Score is prorated from 10 to 70 based on the FFWCC Species Richness map
d. Rookery found on the parcel	10		
e. Listed plant species observed on parcel - add additional 20 points	20		

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	fill in ditch in middle of property - property cleared in 1986
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	92	
1.C Total	100	31	<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		
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	20	There is an intact link between these parcels and Corkscrew Swamp Sanctuary
1.D Total	100	20	
1. Ecological Total Score	100	19	<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 (<i>Select the Highest Score</i>)			
a. Parcel has access from a paved road	100	100	Sanctuary Rd.
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		
2. Recreational Potential (<i>Select the Highest Score</i>)			
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		
c. Parcel offers limited opportunities for natural-resource based recreation beyond simply accessing and walking on it	50	50	Ditch separates east and west portions of parcels
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	20	<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. 25% can be seen from a public road (Sanctuary Road) and another 25% from a private road (Purple Martin Lane)</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		<i>Provide a description and photo documentation of the outstanding characteristic -</i>
Subtotal	300	170	
2. Human Social Values/Aesthetics Total Score	100	57	<i>Obtained by dividing the subtotal by 3.</i>

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

3. Vulnerability to Development/Degradation			
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	A-MHO
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		
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	50	Remove ditch
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	50	
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	25 - 35% estimated- Brazilian pepper, Melaleuca, Java Plum, Ceasar Weed
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		
5.B Total	100	60	
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		
2. Parcel requires moderate maintenance and management, examples: parcel contains trails, parcel requires prescribed fire and circumstances do not favor burning	60	60	Pine flatwoods are managed by fire and neighbor conflicts would likely occur - bird sanctuary next door
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		
5.C Total	100	60	
4. Feasibility and Management Total Score	100	57	Sum of 5A, 5B, 5C, then divided by 3
Total Score	400	178	

Exhibit F. Photographs

Photo 1. Pine flatwoods and redroot (*Lachnanthes caroliniana*) field



Photo 2. Previously cleared land with native recruits



Photo 3. Redroot (*Lachnanthes caroliniana*) field with marshy area near ditch in background



Photo 4. Longhorn False Rein orchid (*Habenaria quinqueseta*)



Photo 5. Pine flatwoods with ditch vegetation in background



Photo 6. Southern edge of property bordering Purple Martin Drive



Photo 7. Eastern edge of property bordering Sanctuary Road

