

Appendix C

St. Lucie County Rural Land Stewardship Area Overlay Stewardship Credit Worksheet

Natural Resource Index Factors	NRI Values	
Land Cover/Land Use		
four of the following: native, hydric, special habitat designation, moderate to high species value	0.7	
three of the following: native, hydric, special habitat designation, moderate to high species value	0.6	
two of the following: native, hydric, special habitat designation, moderate to high species value	0.5	
non-native, hydric, no special habitat designation, low species value	0.3	
non-native, non-hydric, no special habitat designation, low species value	0.1	
Soils/Surface Water		
Xeric (knoll) and muck soils	0.7	
Water	0.6	
Sand depressions and flatwoods	0.5	
Flats (transitional) soils	0.2	
Other	0.0	
Listed Species		
Group 1 & 2, Caracara and Snail Kite	0.7	
Group 1, Caracara and Snail Kite	0.6	
Group 2, Caracara and Snail Kite	0.5	
Caracara and/or Snail Kite	0.4	
Group 1 & Group 2	0.3	
Group 1 (Federally Listed and Wading Bird Rookeries)	0.2	
Group 2 (State Listed and Wading Bird Foraging)	0.1	
RLSA Designations		
Habitat Stewardship Area (HSA)	0.7	
Hydrologic Stewardship Area (HYSA)	0.6	
Water Retention Area (WRA)	0.5	
Not Otherwise Designated (Open)	0.0	
Cumulative Total of NRI Values	x.x	

Agriculture Resource	Agriculture Value	
Agriculture		
Active Agriculture Operation	1.0	

Sending Area Land Use Layers to be eliminated	Land Use Value	
Residential Uses	0.4	
General & Conditional Uses	0.2	
Earth Mining and Processing Uses	0.2	
Agriculture Group 1 Uses	0.1	
Agriculture Group 2 Uses	0.1	
Restoration and Natural Resource Uses	0.0	
Cumulative total of Land Use Values eliminated	x.x	

Stewardship Credit Calculation Instructions

Natural Resource Index Values

Step 1. An NRI value for each parcel of land is calculated by the Stewardship model based on NRI Factors.

Step 1.a. Determine which Sending Area Land Use Layers will be eliminated and sum the Land Use Values.

Step 1.b. Use the Natural Resource Stewardship Credits Formula to determine number of Credits.

Agriculture Resource Value (only applicable if land has active agriculture operation and Land Use Layers are removed to Agriculture Group 1 Uses or Agriculture Group 2 Uses)

Step 2. The Agricultural Resource Value of 1.0 is used.

Step 2.a. Determine which Sending Area Land Use Layers will be eliminated and sum the Land Use Values

Step 2.b. Use the Agriculture Stewardship Credit Formula to determine number of Credits

Cultural Heritage Value (only applicable if land is proven to have cultural value per Policy 2.6)

Step 3. Use the Cultural Heritage Stewardship Credit Formula to determine number of Credits

Total Stewardship Credits is the sum of:

- Natural Resources Stewardship Credits
- Agriculture Stewardship Credits
- Cultural Heritage Stewardship Credits

Stewardship Credit Formulas		
Step 1.b	Natural Resources Stewardship Credits = Acres x cumulative NRI score x cumulative Land Use Value	subtotal Credits = X
Step 2	Agriculture Stewardship Credits (if applicable) = Acres x cumulative Land Use Value	subtotal Credits = X
Step 2.b		
Step 3	Cultural Heritage Stewardship Credits (if applicable) = Acres x .5	subtotal Credits = X
		Total Credits = X

Note: This Worksheet is intended to illustrate the Factors, Values, Formulas and Instructions used to calculate Stewardship Credits. To properly calculate Stewardship Credits, the Natural Resources Index Map and Stewardship model must be used.



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